NEC	Name	HIP	RA2000	DE2000	Vmag	type	HR	HD	Bayer/oth	constellat	distance f	B-V color	VmagMax	VmagMin
1		HIP 34	0.099583	26.91810	6.434	F7.5IV-V	9078	224758		Pegasus	256.4910	0.514		
2		HIP 43	0.128698	59.55968	6.177	G9III-IV	9079	224784		Cassiopeia	427.2622	1.032		
3			0.143087	-53.09771	6.48	~		224782A		Phoenix	193.0135	0.616		
4		HIP 63	0.181810	45.25333	6.347	A0IIspSiSr	9080	224801	CG And	Andromed	677.7542	-0.047	6.32	6.42
5		HIP 88	0.269095	-48.80987	5.698	G6/8III	9081	224834	τ Phoenici	Phoenix	546.0632	0.911		
6		HIP 106	0.330214	49.98155	6.217	G7II-III	9083	224870		Cassiopeia	724.4439	0.97		
7		HIP 107	0.333829	-50.33737	5.524	M2III	9082	224865		Phoenix	558.2197	1.615		
8		HIP 122	0.398747	-77.06572	4.783	K3III	9084	224889	θ Octantis	Octans	220.7177	1.254		
9		HIP 124	0.404233	61.22279	5.567	A8II	9085	224893		Cassiopeia	3790.696	0.407		
10		HIP 128	0.414410	73.61184	6.492	kA1hA7mF0		224890		Cepheus	214.4738	0.182		
11		HIP 137	0.432705	42.36714	6.24	B9IIIp?(Hg	9086	224906		Andromed	1330.611	-0.042		
12		HIP 145	0.456033	-3.027503	5.1	B7III-IV	9087	224926	29 Psc	Pisces	408.5205	-0.128		
13		HIP 154	0.490081	-6.014070	4.41	M3III	9089	224935	30 Psc	Pisces	414.7568	1.631	4.31	4.41
14		HIP 171	0.543119	27.08183	5.75	G5VbFe-2	9088	224930	85 Peg	Pegasus	40.43149	0.69		
15		HIP 183	0.583029	-29.72044	5.022	B5IV	9091	224990	ζ Sculptor	Sculptor	509.3751	-0.15		
16		HIP 186	0.600694	8.956824	6.325	A6V	9092	224995	31 Psc	Pisces	431.7871	0.182		
17		HIP 194	0.623758	8.485463	5.69	F1V	9093	225003	32 Psc	Pisces	122.8798	0.315		
18		HIP 207	0.650386	66.09896	5.842	G8III	9094	225009		Cassiopeia	2076.434	1.073		
19		HIP 238	0.739534	-20.04588	6.238	F6/7V	9095	225045	4 G. Cet	Cetus	201.7327	0.526		
20		HIP 253	0.782725	-24.14514	6.443	K1III	9096	225069	5 G. Cet	Cetus	480.8273	1.176		
21		HIP 274	0.857148	63.64051	6.22	B2.9Iab	9097	225094		Cassiopeia	3505.381	0.332	6.19	6.28
22		HIP 301	0.934949	-17.33599	4.536	B9IVn	9098	225132	2 Cet	Cetus	227.8127	-0.047		
23		HIP 302	0.965171	66.71218	6.323	M4III	9099	225136	V398 Cep	Cepheus	984.8952	1.629		
24		HIP 330	1.056926	62.28766	5.884	A1II-III	9100	225180	9 Cas	Cassiopeia	3662.937	0.274		
25		HIP 343	1.082461	-16.52903	5.769	K0III	9101	225197	7 G. Cet	Cetus	288.7513	1.084		
26		HIP 345	1.084654	-29.26882	6.39	A1V	9102	225200		Sculptor	420.6444	0.006		
27		HIP 355	1.125494	-10.50952	4.924	K3Ib	9103	225212	3 Cet	Cetus	1605.912	1.619		
28		HIP 365	1.152435	42.09252	6.14	A3Vs	9105	225218		Andromed	1680.413	0.159		
29		HIP 377	1.172116	-71.43689	5.585	B8IV/V	9108	225253		Tucana	571.9313	-0.1		
30		HIP 379	1.174922	67.16644	5.676	K1III	9104	225216		Cepheus	316.5050	1.051		

31		HIP 394	1.223852	34.65966	6.11	G3	9107	225239		Andromec	119.9412	0.632		
32		HIP 399	1.233329	26.64877	6.25	K4IIIb	9109	225276		Pegasus	610.4873	1.368		
33		HIP 410	1.254933	27.67479	6.462	G8II		225292		Pegasus	427.2622	0.946		
34		HIP 417	1.265928	-0.503035	6.298	K0III	2	6		Pisces	469.0652	1.099		
35		HIP 418	1.275628	61.31397	5.791	B6III	9110	225289		Cassiopeia	724.4439	-0.067	5.71	5.81
36		HIP 443	1.333921	-5.707619	4.61	K0III-IV	3	28	33 Psc	Pisces	128.4476	1.029	4.61	4.69
37		HIP 476	1.424840	13.39626	5.537	G5III	4	87	86 Peg	Pegasus	372.5724	0.901		
38		HIP 518A	1.565891	58.43669	6.42	G3V				Cassiopeia	66.12585	0.687	5.96	6.026
39		HIP 522	1.579897	-49.07518	5.76	F7V	6	142		Phoenix	83.62652	0.519		
40		HIP 531	1.610572	64.19615	5.59	B9IIIe	7	144	10 Cas	Cassiopeia	981.9286	-0.023		
41		HIP 544	1.653266	29.02150	6.07	G8V	8	166	V439 And	Andromec	44.66982	0.752	6.13	6.17
42		HIP 560	1.708693	-23.10754	6.173	F3V	9	203	9 G. Cet	Cetus	127.3936	0.386		
43		HIP 602	1.826107	-17.38699	6.203	A3Vn_sh	10	256	10 G. Cet	Cetus	522.4347	0.133		
44		HIP 635	1.933796	-2.548680	6.43	ApSi	11	315	4 Cet	Pisces	487.2951	-0.146		
45		HIP 636	1.945414	-22.50855	5.923	A1VbmA2	12	319	11 G. Cet	Cetus	261.8475	0.141		
46		HIP 655	2.014528	-33.52932	5.662	K1III	13	344		Sculptor	325.3494	1.119		
47		HIP 664	2.050398	-2.447705	6.22	K2IIICNIVp	14	352	5 Cet	Pisces	1003.076	1.366	6.1	6.3
48		HIP 671	2.073051	-8.824111	5.98	K1II	16	360	12 G. Cet	Cetus	332.9928	1.034		
49	Alpheratz	HIP 677	2.096916	29.09043	2.06	B8IV-VHgM	15	358	α Androm	Andromec	97.02381	-0.038	2.06	2.1
50		HIP 695	2.136910	63.20403	6.42	G3II		371		Cassiopeia	1502.303	0.998		
51		HIP 696	2.139570	-17.57815	6.13	M0/1IIICN	18	402	CF Cet	Cetus	1347.107	1.664		
52		HIP 716	2.217233	25.46298	6.246	G8II-III	19	417		Pegasus	419.0242	0.976		
53		HIP 728	2.250670	28.24754	6.47	A4Vm		434		Pegasus	376.8789	0.242		
54		HIP 730	2.259971	-54.00195	6.33	G8III+A/F	23	469		Phoenix	465.7139	0.738		
55		HIP 729	2.260103	18.21196	5.555	G9III	22	448	87 Peg	Pegasus	291.8532	1.043		
56	Caph	HIP 746	2.294521	59.14978	2.27	F2III	21	432	β Cassiop	Cassiopeia	54.74265	0.34	2.25	2.31
57			2.334032	79.71455	6.12	A6IV	20	431A		Cepheus	380.8398	0.203		
58		HIP 761	2.337340	-27.98799	6.19	~	24	493	* kap01 Sc	Sculptor	223.7475	0.414		
59		HIP 761	2.337785	-27.98792	6.13	~	24	493	* kap01 Sc	Sculptor	223.7475	0.414		
60		HIP 765	2.352667	-45.74742	3.87	K0III	25	496	ϵ Phoenici	Phoenix	140.0343	1.013		

61		HIP 798	2.467150	-62.29679	6.33	A6V		565		Tucana	442.3332	0.164		
62		HIP 814	2.509052	-82.22404	5.283	K1/2III	30	636	γ 3 Octant	Octans	242.3791	1.049		
63		HIP 813	2.509179	11.14581	5.53	B9Vn	26	560	34 Psc	Pisces	324.7013	-0.064		
64		HIP 840	2.578630	-5.248588	5.844	K0III	29	587	67 G. Psc	Pisces	179.3179	0.973		
65		HIP 841	2.580193	46.07227	5.04	F5II	27	571	22 And	Andromed	1006.173	0.405		
66		HIP 873	2.678475	-12.57989	5.849	K0III	31	645	14 G. Cet	Cetus	212.3779	1		
67		HIP 910	2.816075	-15.46797	4.89	F8VFe-0.8	33	693	6 Cet	Cetus	61.57912	0.487		
68		HIP 930	2.893419	-27.79971	5.404	K2III	34	720	κ 2 Sculpt	Sculptor	581.1049	1.346		
69		HIP 950	2.933421	-35.13311	5.239	F5V	35	739	θ Sculptor	Sculptor	71.10159	0.459		
70		HIP 967	2.996187	48.15239	6.162	K4III	36	743		Andromed	549.7470	1.467		
71		HIP 983	3.041602	-17.93825	5.265	K4III	37	787	18 G. Cet	Cetus	611.6316	1.478		
72		HIP 1057	3.289593	16.92145	6.5	K1III		874		Pegasus	454.6723	1.05		
73	Algenib	HIP 1067	3.308968	15.18359	2.84	B2IV	39	886	γ Pegasi	Pegasus	332.9928	-0.19	2.78	2.89
74		HIP 1074	3.331757	-84.99397	5.77	M0/1III	47	1032		Octans	815.0002	1.71		
75		HIP 1076	3.349671	26.98754	6.277	F8V	40	895		Andromed	403.4642	0.68		
76		HIP 1096	3.426017	-26.02235	5.937	K5III	42	942		Sculptor	1012.422	1.548		
77		HIP 1099	3.434911	-26.28496	6.119	K4III	43	943		Sculptor	770.6870	1.49		
78		HIP 1123	3.509495	33.20604	6.25	A1V	44	952		Andromed	292.9022	0.009		
79		HIP 1144	3.584124	-27.53139	6.46	G5V		1002		Sculptor	161.1467	0.64		
80		HIP 1158	3.615128	-7.780528	5.12	M3+III	46	1014	AD Cet	Cetus	625.7213	1.601	4.9	5.16
81		HIP 1168	3.650684	20.20670	4.8	M2+III	45	1013	χ Pegasi	Pegasus	325.6744	1.572		
82		HIP 1170	3.660070	-18.93286	4.46	M1III	48	1038	7 Cet	Cetus	492.4459	1.64	4.26	4.46
83		HIP 1191	3.727147	-9.569563	5.749	B8.5V	51	1064	27 G. Cet	Cetus	346.8086	-0.084		
84		HIP 1193	3.732909	22.28422	6.234	A1p	49	1048		Pegasus	355.1184	-0.004		
85		HIP 1195	3.742757	-34.90422	6.159	K3III	54	1089		Sculptor	739.2280	1.344		
86		HIP 1196	3.745168	8.820961	6.01	F0	50	1061	35 Psc	Pisces	261.4276	0.312	6.01	6.05
87		HIP 1208	3.778961	31.53572	6.34	K5	52	1075		Andromed	1319.837	1.555		
88		HIP 1215	3.794019	27.28344	6.342	A1Vn	53	1083		Andromed	411.6175	-0.002		
89		HIP 1236	3.842774	-32.04526	6.2	M7/8IIIe		1115	S Scl	Sculptor	1530.518	1.08	5.5	13.6
90		HIP 1269	3.978522	61.00017	6.432	G8III		1142		Cassiopeia	565.9720	0.838		

91	HIP 1288	4.036944(	-31.44639	5.642	K2III	57	1187		Sculptor	426.70154	1.35		
92	HIP 1302	4.089703	43.59505(	6.15	A2VpSi	56	1185		Andromec	303.2560!	0.068		
93	HIP 1319	4.141841(	8.240157	6.121	G8II-III	59	1227	36 Psc	Pisces	441.7334(	0.919		
94	HIP 1331	4.176426	-20.21006	6.491	B6III/IV	61	1256		Cetus	611.6316	-0.108		
95	HIP 1339	4.190325!	10.24478(	6.49	M0		1255		Pisces	3431.575(	1.864		
96	HIP 1354	4.237679	61.53318!	5.737	G8III	60	1239		Cassiopeia	641.7312	0.898		
97	HIP 1366	4.272926!	38.68163!	4.61	A2V	63	1280	θ Androm	Andromec	253.1058	0.059		
98	HIP 1372	4.287683	47.94740(	5.852	B7III	62	1279		Cassiopeia	953.2178	-0.079		
99	HIP 1402	4.386262	-19.05109	6.446	F3V	66	1343	29 G. Cet	Cetus	159.2575(	0.386		
100	HIP 1415	4.429430	51.43308	6.14	O9.2II+O8	65	1337	AO Cas	Cassiopeia	5719.3134	-0.151	6.07	6.24
101	HIP 1421	4.448743	1.688729	6.176	K0III	67	1367	76 G. Psc	Pisces	329.6252	0.937		
102	HIP 1444	4.495285	-13.45564	6.5	G0V		1388		Cetus	85.250975	0.599		
103	HIP 1465	4.571857	11.20621!	6.045	K0III	69	1419		Pisces	447.8035	1.036		
104	HIP 1473	4.581905	36.78522	4.52	A2V	68	1404	σ Androm	Andromec	141.0644	0.054		
105	HIP 1493	4.659408	31.51722	5.875	A0IV	71	1439		Andromec	543.3346(	-0.014		
106	HIP 1499	4.674448(	-8.053001	6.46	G3VFe0.5	72	1461		Cetus	76.45107(	0.68		
107	HIP 1501	4.675703(	43.79114	6.11	B8V	70	1438	26 And	Andromec	692.1438	-0.074		
108	HIP 1502	4.677337(	-43.23556	6.328	K2III	73	1483		Phoenix	380.8398!	1.21		
109	HIP 1562	4.856976(	-8.823919	3.55	K1+IIICN0	74	1522	ι Ceti	Cetus	289.5203(	1.214		
110	HIP 1575	4.923164	40.72946	6.34	K1III	75	1527		Andromec	540.6288(	1.179		
111	HIP 1599	5.017744	-64.87479	4.23	F9.5V	77	1581	ζ Tucanae	Tucana	28.011688	0.576		
112	HIP 1630	5.101672	30.93561	5.869	B7V	78	1606		Andromec	582.1416!	-0.098		
113	HIP 1639	5.128871	48.96863	6.47	F6II-III		1601		Cassiopeia	950.4370	0.564		
114	HIP 1645	5.149425	8.190271	5.37	K2.5III	80	1635	41 Psc	Pisces	394.6720	1.343		
115	HIP 1647	5.162675!	-69.62491	5.499	B9V	83	1685	π Tucanae	Tucana	306.1033!	-0.046		
116	HIP 1657	5.189653	32.91118(	5.794	K5III	79	1632		Andromec	645.5454	1.595		
117	HIP 1686	5.280286	37.96860!	5.18	F5IV-V	82	1671	ρ Androm	Andromec	159.6474(	0.442		
118	HIP 1706	5.369884	-77.42688	5.959	K3III	87	1801		Hydrus	696.5807!	1.397		
119	HIP 1708	5.379992	-28.98147	5.167	K0III	84	1737	ι Sculptori	Sculptor	310.4763(	1.006		
120	HIP 1728	5.442802(	-20.05802	5.74	M5-6Se	85	1760	T Cet	Cetus	774.3480(	1.58	5	6.9

121		HIP 1772	5.606178	13.48248	6.24	K3III	86	1796	42 Psc	Pisces	545.1504	1.225			
122		HIP 1803	5.715785	-12.20943	6.39	G2.5V	88	1835	9 Cet	Cetus	66.46293	0.659	6.38	6.43	
123		HIP 1821	5.768296	-15.94253	6.425	M2III		1879	38 G. Cet	Cetus	1009.289	1.595			
124		HIP 1902	6.022329	-72.08144	4.09	Globular C	95	2051	47 Tuc	Tucana					
125		HIP 1921	6.065225	52.01991	5.58	B5IV	91	1976		Cassiopeia	1369.748	-0.11			
126		HIP 1939	6.123539	-2.219063	6.067	K2III	94	2023	84 G. Psc	Pisces	540.6288	1.216			
127		HIP 1948	6.158979	14.31551	6.46	K0		2035	43 Psc	Pisces	535.3052	1.161			
128		HIP 1960	6.197939	61.83105	5.377	B9III	93	2011	12 Cas	Cassiopeia	763.4661	0.008			
129		HIP 1982	6.276710	53.04678	5.719	B9IV	96	2054		Cassiopeia	528.3646	-0.056			
130		HIP 2006	6.350868	1.939692	5.77	G8III	97	2114	44 Psc	Pisces	592.7268	0.855			
131		HIP 2021	6.437793	-77.25424	2.79	G0V	98	2151	β Hydri	Hydrus	24.36837	0.618			
132		HIP 2072	6.550838	-43.67983	3.94	A5IVn	100	2262	κ Phoenic	Phoenix	76.68793	0.175			
133	Ankaa	HIP 2081	6.571047	-42.30598	2.38	K0.5IIIb	99	2261	α Phoenic	Phoenix	77.36112	1.083			
134		HIP 2086	6.590630	-18.69363	6.266	M1III		2268	39 G. Cet	Cetus	758.1393	1.622			
135		HIP 2100	6.655878	-0.049521	6.192	G6IIIFe-1	101	2273	10 Cet	Cetus	485.8412	0.893			
136		HIP 2159	6.811281	-25.54717	5.969	K0III	102	2363		Sculptor	670.7810	1.022			
137		HIP 2178	6.879454	16.02548	6.432	A5		2358		Pisces	423.3763	0.23			
138		HIP 2210	6.982074	-33.00716	4.81	M2/3III	105	2429	η Sculptor	Sculptor	547.8986	1.634	4.8	4.9	
139		HIP 2213	6.993609	19.51403	6.38	gG7		2410	46 Psc	Pisces	532.6809	0.99			
140		HIP 2219	7.012144	17.89312	5.06	M3III	103	2411	47 Psc	Pisces	490.2259	1.584	4.65	5.42	
141		HIP 2224	7.052928	16.44506	6.039	K5III	106	2436	48 Psc	Pisces	1112.628	1.58			
142		HIP 2225	7.056955	44.39446	5.173	A2Vs	104	2421		Andromed	264.6103	0.043			
143		HIP 2237	7.087897	-20.33504	6.44	F9VFe+0.5	108	2475	43 G. Cet	Cetus	105.1275	0.594			
144		HIP 2240	7.110505	-39.91499	5.415	M0III	109	2490		Phoenix	414.7569	1.556			
145		HIP 2256	7.179693	-50.53285	6.265	K0III	111	2529		Phoenix	379.9531	1.09			
146		HIP 2270	7.236095	36.89969	6.273	G5III	110	2507		Andromed	463.7286	0.916			
147		HIP 2337	7.466237	-14.86410	6.131	F2/3V	115	2630	47 G. Cet	Cetus	138.0186	0.388			
148		HIP 2353	7.509826	-3.957327	5.72	K5III	117	2637	12 Cet	Cetus	853.4030	1.545			
149		HIP 2355	7.530687	29.75155	5.214	A7III	114	2628	GN And	Andromed	185.0171	0.271	5.23	5.28	
150		HIP 2358	7.536188	4.860110	6.5	F5V		2648		Pisces	219.2334	0.453			

151	HIP 2377	7.583060(	59.97755	5.94	B7IV	113	2626		Cassiopeia	718.06089	-0.003		
152	HIP 2381	7.594396	-23.78768	5.19	A3V	118	2696	49 G. Cet	Cetus	180.30967	0.128		
153		7.607	60.213	6.5	~			NGC 129	Cassiopeia				
154	HIP 2383	7.608596	-48.21482	5.664	F2V	120	2726		Phoenix	146.91292	0.367		
155	HIP 2388	7.615938	-40.93958	6.172	F0/2III	119	2724		Phoenix	419.56214	0.315	6.18	6.22
156	HIP 2472	7.854087(	-48.80351	4.77	A1Va	125	2834	λ 1 Phoen	Phoenix	171.8503(	0.018		
157	HIP 2474	7.855121	66.51961(	6.165	B6V	121	2729	13 Cas	Cassiopeia	716.48305	-0.1		
158	HIP 2475	7.856824	33.58163(	5.878	K1III	122	2767		Andromed	467.04731	1.133		
159	HIP 2484	7.886116	-62.95821	4.289	B9.5Va	126	2884	β 1 Tucan	Tucana	142.8107(	-0.04		
160	HIP 2487	7.889259(	-62.96559	4.514	A3IV	127	2885	β 2 Tucan	Tucana	166.47192	0.135		
161	HIP 2487	7.88945	-62.96556	4.488	~	127	2885	* bet02 Tu	Tucana				
162	HIP 2497	7.921488	52.83952	5.596	K2III	124	2774		Cassiopeia	393.24415	1.163		
163	HIP 2505	7.942967	54.52219	5.63	B8.5V	123	2772	* Iam Cas	Cassiopeia	354.34907	-0.098		
164	HIP 2505	7.942986	54.52231	5.35	B7.5V	123	2772	* Iam Cas	Cassiopeia	354.34907	-0.098		
165	HIP 2548	8.099078	6.955485	5.679	B9.5V	132	2913	51 Psc	Pisces	263.7539(	-0.014		
166	HIP 2568	8.147853	20.29431	5.37	K0III	131	2910	52 Psc	Pisces	256.89525	1.069		
167	HIP 2578	8.182939(	-63.03150	5.09	A0V	136	3003	β 3 Tucan	Tucana	150.44549	0.04		
168	HIP 2583	8.204525	28.28024(	6.33	G8III	134	2942		Andromed	469.06525	0.965		
169	HIP 2599	8.249966	62.93178	4.16	BC0.7Ia	130	2905	κ Cassiope	Cassiopeia	4126.574(	0.13	4.22	4.3
170	HIP 2611	8.293310	54.89498(	5.922	K0III	135	2952		Cassiopeia	375.76488	1.038		
171	HIP 2628	8.330273(	70.98185	6.38	A0Vnn_lB	129	2904		Cassiopeia	527.5073(	-0.007		
172	HIP 2629	8.347330	-71.26624	6.109	A7IV	139	3112	θ Tucanae	Tucana	490.22593	0.265	6.06	6.15
173	HIP 2661	8.421005	-29.55827	5.541	K1III	138	3059		Sculptor	496.95131	1.262		
174	HIP 2663	8.432527(	-35.00207	6.4	F8/G0V		3074		Sculptor	117.98758	0.617		
175	HIP 2707	8.603830	66.75033	6.473	B8V	137	3038	16 Cas	Cassiopeia	564.99079	-0.049		
176	HIP 2711	8.615964	-52.37309	5.57	F6V	140	3158		Phoenix	83.525463	0.472		
177	HIP 2734	8.730680	13.37113	6.39	K0	141	3166		Pisces	399.99887	1.136		
178	HIP 2762	8.811998(	-3.592843	5.21	F7V+G4V	142	3196	13 Cet	Cetus	68.617143	0.567		
179	HIP 2787	8.886805	-0.505610	5.936	F5V	143	3229	14 Cet	Cetus	181.41351	0.444		
180	HIP 2789	8.888912	-54.82187	6.052	K0IV	148	3303		Phoenix	253.10583	1.001		

181		HIP 2802	8.921564	-48.00090	5.51	F5V+	147	3302	λ 2 Phoen	Phoenix	118.07332	0.461		
182		HIP 2846	9.013150	-14.97303	6.444	K0III	150	3325	57 G. Cet	Cetus	463.72863	1.063		
183		HIP 2852	9.028571	-22.84233	6.06	A5mA5-F(	151	3326	BG Cet	Cetus	162.02791	0.297	6.35	6.359
184		HIP 2854	9.034625	54.16844	5.076	B8IV	144	3240		Cassiopeia	505.42731	-0.098		
185		HIP 2876	9.113935	60.32621	5.792	A3III	146	3283		Cassiopeia	3360.833(	0.294		
186		HIP 2889	9.156876	-65.12444	6.413	K2/3III	160	3444		Tucana	645.54543	1.26		
187		HIP 2900	9.193504	44.48858	5.129	K6IIIa	152	3346	V428 And	Andromec	655.93504	1.587	5.13	5.19
188		HIP 2903	9.197129	15.23171	5.863	B2.5IV	155	3379	53 Psc	Pisces	855.64271	-0.146	5.81	5.94
189		HIP 2912	9.220213	33.71934	4.36	B5V	154	3369	π Androm	Andromec	655.93504	-0.123		
190	Fulu	HIP 2920	9.242852	53.89691	3.66	B2IV	153	3360	ζ Cassiope	Cassiopeia	597.06920	-0.196		
191		HIP 2926	9.279957	24.01413	6.16	K2III	156	3411		Andromec	334.35874	1.17		
192		HIP 2937	9.326027	-54.39381	6.403	K0II/IIICNI	162	3488		Phoenix	475.91126	0.995		
193		HIP 2941	9.336175	-24.76725	6.2	~	159	3443B	59 G. Cet	Cetus	50.636935	0.715		
194		HIP 2942	9.338415	35.39950	5.431	G2Ib-II	157	3421		Andromec	1021.9451	0.886		
195		HIP 2954	9.377048	3.135352	6.407	K3III	161	3457	92 G. Psc	Pisces	576.99085	1.339		
196		HIP 3031	9.638947	29.31175	4.38	G7IIIFe-3(	163	3546	ϵ Androm	Andromec	168.56258	0.871		
197		HIP 3056	9.703262	-25.10781	6.41	K4III		3605		Sculptor	729.30789	1.482		
198		HIP 3083	9.791225	49.35458	5.419	K5III	164	3574		Cassiopeia	1330.6118	1.644		
199		HIP 3092	9.831679	30.86098	3.28	K3III-IIIbCI	165	3627	δ Androm	Andromec	101.27355	1.268		
200		HIP 3093	9.840855	21.25047	5.88	K0.5V	166	3651	54 Psc	Pisces	36.203356	0.85		
201		HIP 3132	9.946875	82.49376	6.389	F9V	158	3440		Cepheus	105.33128	0.551		
202		HIP 3137	9.966458	-44.79629	5.998	K1IIICNII	171	3750		Phoenix	303.25606	1.142		
203		HIP 3138	9.981548	21.43849	5.428	K2IIIa	167	3690	55 Psc	Pisces	410.58083	1.16		
204		HIP 3170	10.10695	-59.45460	5.9	G0VFe-0.9	176	3823		Tucana	83.036138	0.564		
205		HIP 3175	10.11909	-16.51666	6.49	G8III	172	3794	63 G. Cet	Cetus	503.08663	0.91		
206	Schedar	HIP 3179	10.12684	56.53732	2.23	K0-IIIa	168	3712	α Cassiop	Cassiopeia	228.00007	1.17	2.2	2.27
207		HIP 3185	10.13664	-23.80492	6.14	K0VFe-1.5	173	3795	64 G. Cet	Cetus	93.089648	0.718		
208		HIP 3193	10.17654	-4.351840	5.885	K0III	174	3807	65 G. Cet	Cetus	575.97047	1.091		
209		HIP 3231	10.27993	39.45866	5.33	G7IIIa	175	3817	32 And	Andromec	344.24633	0.891		
210		HIP 3245	10.33154	-46.08498	4.59	G8III	180	3919	μ Phoenic	Phoenix	247.15698	0.953		

211		HIP 3269	10.40015	24.62901	6.046	kA5hF1mI	178	3883		Andromec	461.7563	0.298			
212		HIP 3277	10.44332	-56.50131	5.7	A3VpSrCr_	183	3980	ξ Phoenic	Phoenix	213.2112	0.131	5.68	5.78	
213		HIP 3299	10.51425	66.14759	5.821	G9III-IV	177	3856		Cassiopeia	503.0866	1.042			
214		HIP 3300	10.51621	50.51253	4.81	B3IV	179	3901	ξ Cassiope	Cassiopeia	1108.843	-0.105			
215		HIP 3330	10.61821	-65.46802	5.381	F6V	187	4089	ρ Tucanae	Tucana	132.5741	0.515			
216		HIP 3334	10.62934	58.75341	6.171	B9.5III	181	3924		Cassiopeia	1015.575	-0.004			
217		HIP 3352	10.67479	-60.26280	5.98	K3III	186	4088		Tucana	237.4363	1.318			
218			10.68470	41.26875	3.44	~			M 31	Andromeda					
219		HIP 3405	10.83837	-57.46306	4.361	A0IV	191	4150	η Phoenic	Phoenix	240.2360	0.024			
220		HIP 3414	10.86695	47.02454	4.949	A5V	184	4058	π Cassiop	Cassiopeia	174.2385	0.17			
221	Diphda	HIP 3419	10.89737	-17.98660	2.01	G9.5IIICH-	188	4128	β Ceti	Cetus	95.76969	1.019			
222		HIP 3436	10.95868	-12.01182	6.02	K1III	190	4145	71 G. Cet	Cetus	173.7740	1.107			
223		HIP 3455	11.04750	-10.60955	4.767	K0III	194	4188	ϕ 1 Ceti	Cetus	209.7813	0.998			
224		HIP 3456	11.05041	-38.42168	5.96	K1III	195	4211	λ 2 Sculpt	Sculptor	372.1454	1.144			
225		HIP 3478	11.10913	47.86398	5.648	B5V	189	4142	68 Cas	Cassiopeia	759.9062	-0.113			
226			11.13188	-62.49758	6.26	~	199	4294A		Tucana	274.1801	0.446			
227		HIP 3504	11.18132	48.28436	4.5	B5IIIe	193	4180	ο Cassiop	Cassiopeia	905.5565	-0.069	4.5	4.62	
228		HIP 3505	11.18498	-22.00613	5.22	F3VFe-1	197	4247	73 G. Cet	Cetus	90.75711	0.35			
229		HIP 3521	11.23771	-42.67655	5.926	F0V	198	4293		Phoenix	217.1887	0.297			
230		HIP 3527	11.24975	-53.71489	6.15	F7V	202	4304		Phoenix	147.5782	0.524			
231		HIP 3544	11.32155	55.22139	5.41	A2Vs	196	4222		Cassiopeia	351.2944	0.022			
232		HIP 3552	11.35052	-4.629159	6.16	K5III	201	4301	74 G. Cet	Cetus	1112.628	1.652			
233		HIP 3559	11.36953	-12.88080	6.15	G0V	203	4307	18 Cet	Cetus	103.8548	0.603			
234		HIP 3572	11.41281	74.98807	5.652	A2IV	192	4161	YZ Cas	Cassiopeia	290.0357	0.078	5.71	6.12	
235			11.42377	-16.42421	6.498	~	206	4338A		Cetus	286.4677	0.314			
236		HIP 3576	11.42378	-16.42421	6.499	F0IV	206	4338	76 G. Cet	Cetus	286.4677	0.314			
237		HIP 3583	11.43997	-47.55198	5.794	G3V	209	4391		Phoenix	48.71484	0.635			
238		HIP 3604	11.54504	44.86149	6.024	B9.5IIIp(H	205	4335		Andromec	452.1491	-0.063			
239		HIP 3607	11.54898	-22.52210	5.5	G8/K0III	210	4398	77 G. Cet	Cetus	333.3318	0.978			
240		HIP 3632	11.63729	15.47550	5.38	M4III	211	4408	57 Psc	Pisces	587.3869	1.559	5.28	5.5	

241		HIP 3649	11.67691(	59.57454(	6.41	G0Ibe	207	4362		Cassiopeia	2171.3367	1.081			
242		HIP 3675	11.75606(	11.97385(	5.504	G8II	213	4482	58 Psc	Pisces	261.84751	0.987			
243		HIP 3685	11.80677(	19.57870(	6.101	F0Vn	214	4490	59 Psc	Pisces	348.66363	0.27	6.13	6.17	
244	Shimu	HIP 3693	11.83469(	24.26717(	4.06	K1III+KV	215	4502	ζ Androm	Andromec	181.31277	1.1	3.92	4.14	
245		HIP 3697	11.84847(	6.740971(	5.961	G8III	216	4526	60 Psc	Pisces	455.30805	0.941			
246		HIP 3717	11.93008(	-18.06133	5.693	K3III	218	4585	78 G. Cet	Cetus	401.97443	1.3			
247		HIP 3721	11.94189(	74.84756(	5.413	B8III	208	4382	23 Cas	Cassiopeia	802.95458	-0.066			
248		HIP 3741	12.00443(	-21.72252	5.57	B9V	220	4622	79 G. Cet	Cetus	485.12076	-0.058			
249		HIP 3750	12.03792(	72.67449(	5.855	K0IV	212	4440		Cassiopeia	222.52571	1.01			
250		HIP 3760	12.07254(	7.299930(	5.912	G8III	221	4627	62 Psc	Pisces	661.25862	1.104			
251		HIP 3765	12.09573(	5.280613(	5.74	K2.5V	222	4628		Pisces	24.321094	0.89			
252		HIP 3781	12.14757(	-74.92343	5.083	K4III	236	4815	λ Hydri	Hydrus	204.51715	1.345			
253		HIP 3786	12.17060(	7.585081(	4.44	K5-III	224	4656	δ Piscium	Pisces	304.9581	1.5			
254		HIP 3801	12.20842(	50.96816(	4.891	B9III	223	4636	ν Cassiope	Cassiopeia	389.48536	-0.091			
255			12.21358	27.74011	6.3	~			BD+26 12(	Andromeda		0			
256		HIP 3807	12.23636(	-46.69764	6.277	G8III	229	4737		Phoenix	388.09661	0.897			
257	Achird	HIP 3821	12.27622(	57.81517(	3.44	F9V	219	4614	η Cassiop	Cassiopeia	19.318389	0.58			
258		HIP 3834	12.30812(	-24.13666	5.9	K0III	228	4732		Cetus	184.27840	0.962			
259		HIP 3849	12.35673(	-13.56127	5.594	K3III	227	4730	81 G. Cet	Cetus	325.34940	1.325			
260		HIP 3858	12.38929(	-23.36214	6.3	A3IV	232	4772	82 G. Cet	Cetus	857.89537	0.132			
261		HIP 3881	12.45352(	41.07891(	4.53	B5V	226	4727	ν Androm	Andromec	679.16581	-0.136			
262		HIP 3885	12.47030(	27.71080(	6.28	F4III	230	4757	* 65 Psc B	Pisces	346.80869	0.398			
263		HIP 3885	12.47152(	27.71028(	6.29	F5III	231	4758	* 65 Psc A	Pisces	346.80869	0.398			
264		HIP 3903	12.51570(	-43.39496	6.476	A9/F0III	239	4849		Phoenix	316.19793	0.286	6.47	6.485	
265		HIP 3909	12.53162(	-10.64432	5.19	F7V	235	4813	ϕ 2 Ceti	Cetus	50.394063	0.514			
266		HIP 3919	12.57610(	45.00225(	6.15	A3VpSiSr(	234	4778	GO And	Andromec	296.09448	0.043	6.12	6.16	
267		HIP 3949	12.67160(	-50.98681	5.225	F3III	242	4919	ρ Phoenic	Phoenix	249.61736	0.356	5.17	5.27	
268		HIP 3951	12.68165(	64.24756(	5.362	G5III+A0V	233	4775		Cassiopeia	812.96936	0.528			
269		HIP 3965	12.73914(	51.50803(	6.36	F5III	238	4818		Cassiopeia	217.33356	0.307	6.34	6.37	
270		HIP 3988	12.81826(	61.80549(	6.18	K2.5Ib-IIC	237	4817		Cassiopeia	2488.5512	1.88			

271		HIP 3992	12.82634	3.385024	6.368	G8/K0II/II	243	4928	98 G. Psc	Pisces	448.4196	1.069			
272		HIP 4023	12.89079	51.57142	6.22	B9.5V	241	4881		Cassiopeia	1147.888	0.032			
273		HIP 4084	13.10216	-69.50376	6.22	F7IV/V	252	5190	λ 1 Tucana	Tucana	199.6326	0.518			
274			13.1583	-72.8003	2.2	~			NAME SM	Tucana					
275		HIP 4104	13.16926	-24.00584	5.48	K1III	247	5098	88 G. Cet	Cetus	499.9994	1.275			
276		HIP 4147	13.25205	-1.144259	4.76	K5III	248	5112	20 Cet	Cetus	519.1095	1.55			
277		HIP 4151	13.26748	61.12397	4.8	F9V	244	5015		Cassiopeia	60.53853	0.54			
278		HIP 4185	13.36759	37.41820	6.057	K3III:	249	5118		Andromed	373.8536	1.139			
279		HIP 4200	13.40782	-62.87135	5.748	M4III	257	5276	BQ Tuc	Tucana	612.7824	1.574	5.7	5.9	
280		HIP 4212	13.44833	52.68929	6.31	A0	250	5128		Cassiopeia	278.1569	0.191			
281		HIP 4257	13.57330	-8.740663	6.161	G8III	255	5268	21 Cet	Cetus	379.0696	0.911			
282		HIP 4267	13.64676	19.18842	5.79	A1Vn	254	5267	66 Psc	Pisces	367.1184	-0.016			
283		HIP 4267	13.64678	19.18840	6.13	A0V	254	5267	* 66 Psc A	Pisces	367.1184	-0.016			
284		HIP 4283	13.72141	83.70740	5.59	A4V	240	4853		Cepheus	245.1129	0.105			
285		HIP 4288	13.74188	23.62849	6.43	~	258	5286	* 36 And I	Andromed	126.8978	1.012			
286		HIP 4288	13.74210	23.62831	6	~	258	5286	* 36 And A	Andromed	126.8978	1.012			
287		HIP 4288	13.74210	23.62832	5.45	K0IV(e)	258	5286	36 And	Andromed	126.8978	1.012			
288		HIP 4292	13.75064	58.97269	4.82	K2III	253	5234	υ 1 Cassio	Cassiopeia	406.4830	1.216			
289		HIP 4293	13.75129	-69.52708	5.454	K2III	270	5457	λ 2 Tucana	Tucana	210.0516	1.095			
290		HIP 4298	13.77168	48.67852	6.31	~	256	5273		Cassiopeia	802.9545	1.681			
291		HIP 4317	13.81113	24.55706	6.24	M4III	259	5316		Pisces	578.0144	1.546			
292		HIP 4346	13.92666	-7.347148	5.85	K5III	263	5384	93 G. Cet	Cetus	498.4704	1.52			
293		HIP 4363	13.98140	-27.77583	6.13	M1/2III	268	5445		Sculptor	1862.859	1.674			
294		HIP 4366	13.99379	27.20938	6.1	A5IV	262	5382	67 Psc	Pisces	273.0319	0.133			
295		HIP 4371	14.00620	-11.26652	5.326	K5III	267	5437	ϕ 3 Ceti	Cetus	522.4347	1.505			
296		HIP 4382	14.03799	13.95195	6.44	G8II		5418		Pisces	500.7687	0.962			
297		HIP 4383	14.05405	57.99655	6.19	K3III	260	5343		Cassiopeia	496.9513	1.376			
298	Castula	HIP 4422	14.16627	59.18105	4.622	G8.5IIIbFe	265	5395	υ 2 Cassio	Cassiopeia	205.8081	0.957			
299		HIP 4427	14.17721	60.71674	2.39	B0.5IVpe	264	5394	γ Cassiope	Cassiopeia	549.0855	-0.1	1.6	3	
300		HIP 4436	14.18837	38.49933	3.87	A6V	269	5448	μ Androm	Andromed	136.2305	0.13			

301		HIP 4440	14.19571	60.36283	5.566	B7Vn+B9\	266	5408		Cassiopeia	613.9364	-0.054	
302		HIP 4446	14.22971	68.77563	6.386	F4III	261	5357		Cassiopeia	194.8597	0.375	
303	Kui	HIP 4463	14.30166	23.41765	4.42	G8-III	271	5516	η Androm	Andromed	242.5597	0.94	
304		HIP 4475	14.33169	61.42189	6.437	G5III		5459		Cassiopeia	574.9566	0.94	
305		HIP 4501	14.41518	45.83938	6.086	K2III	272	5526		Andromed	439.3536	1.028	
306		HIP 4510	14.45896	28.99221	5.438	G6III	274	5575	68 Psc	Pisces	704.1048	1.076	
307		HIP 4520	14.47712	13.69586	6.283	G8III	276	5612		Pisces	522.4347	0.895	
308		HIP 4552	14.55924	33.95088	5.98	K0III	275	5608		Andromed	189.7252	1.016	
309		HIP 4558	14.57871	21.40449	6.46	A2V	277	5641		Pisces	427.8229	0.089	
310		HIP 4563	14.59262	-60.6962	6.235	A2V	281	5771		Tucana	557.2645	0.096	
311		HIP 4572	14.62942	66.35179	5.97	A0III	273	5550		Cassiopeia	376.0085	-0.008	
312		HIP 4577	14.65149	-29.3574	4.27	B7IIIp	280	5737	α Sculpto	Sculptor	672.1665	-0.154	4.31 4.35
313		HIP 4587	14.68278	-11.3799	5.614	G8III	279	5722	ϕ 4 Ceti	Cetus	314.9760	0.949	
314		HIP 4655	14.95702	6.483226	6.14	M2.5III	284	5820	WW Psc	Pisces	1061.889	1.654	5.97 6.11
315		HIP 4675	15.01482	44.71324	6.05	B9.5Vnn_	282	5788		Andromed	420.1032	-0.01	
316		HIP 4709	15.12918	70.98299	6.4	A4IV	278	5715		Cassiopeia	355.1184	0.135	
317		HIP 4770	15.32614	-38.9165	5.582	K1III	288	6055	ξ Sculptor	Sculptor	628.1304	1.185	
318		HIP 4786	15.36268	49.54422	6.48	G5		5927		Cassiopeia	920.9046	1.099	
319		HIP 4801	15.41101	-16.2655	6.47	K2/3III		6037	101 G. Ce	Cetus	277.2109	1.184	
320		HIP 4829	15.50758	-57.0023	6.1	G8/K0III	295	6192	ω Phoeni	Phoenix	367.9465	0.935	
321		HIP 4844	15.57695	51.03494	6.49	A3V	287	6028		Cassiopeia	631.7816	0.122	
322		HIP 4852	15.61012	-31.5520	5.501	A1/2IV	293	6178	σ Sculpto	Sculptor	226.5462	0.083	5.5 5.53
323		HIP 4879	15.67877	-65.4561	6.275	M2III	304	6311	CC Tuc	Tucana	802.9545	1.634	6.19 6.29
324		HIP 4889	15.70456	31.80426	5.5	B9.5V	291	6118	σ Piscium	Pisces	414.2320	-0.043	
325		HIP 4890	15.70495	-46.3973	5.387	G8III	299	6245		Phoenix	235.2094	0.9	
326		HIP 4903	15.72606	41.34521	5.932	kA3hA7Vr	290	6116	39 And	Andromed	343.5193	0.161	
327		HIP 4906	15.73586	7.890133	4.28	G9IIIbFe-2	294	6186	ϵ Piscium	Pisces	190.1985	0.952	
328		HIP 4914	15.76057	-4.8365	5.408	K0/1III	296	6203	25 Cet	Cetus	410.0624	1.106	
329		HIP 4932	15.82372	-29.5258	6.283	G8IIICNIV	300	6269		Sculptor	365.0614	0.932	
330		HIP 4962	15.90418	61.07482	6	F0II	292	6130		Cassiopeia	1509.259	0.512	

331		HIP 4979	15.95428	1.366847	6.065	A8IV	301	6288	26 Cet	Cetus	184.5978	0.271	
332		HIP 4998	16.00996	52.50216	5.977	K2	298	6211		Cassiopeia	990.8806	1.447	
333		HIP 5021	16.08104	61.58018	5.833	F6V	297	6210		Cassiopeia	261.4276	0.569	
334		HIP 5034	16.11510	29.65878	6.202	F7IV-V	303	6301		Pisces	136.8597	0.443	
335		HIP 5042	16.13572	-33.5328	6.46	K0III		6403		Sculptor	517.4599	1.071	
336		HIP 5074	16.21932	5.656264	6.007	K5III	307	6386	73 Psc	Pisces	721.2393	1.525	
337		HIP 5081	16.27231	14.94613	5.631	F4V((Sr))	308	6397	72 Psc	Pisces	178.3370	0.42	
338		HIP 5121	16.40367	-9.97932	6.088	K0III	315	6482	27 Cet	Cetus	308.1287	1.012	
339		HIP 5131	16.42060	21.47319	5.273	A0IV-Vnn	310	6456	ψ 1 Pisciu	Pisces	238.4785	0.003	
340		HIP 5132	16.42379	21.46544	5.455	B9IVn	311	6457	ψ 1 Pisciu	Pisces	222.2222	-0.048	
341		HIP 5165	16.52099	-46.7184	3.3	G8III	322	6595	β Phoenic	Phoenix	198.0558	0.885	
342		HIP 5165	16.52103	-46.7184	4.09	~	322	6595B	* bet Phe	Phoenix	198.0558	0.885	
343		HIP 5165	16.52123	-46.7184	4	~	322	6595	* bet Phe	Phoenix	198.0558	0.885	
344		HIP 5164	16.52145	-9.83935	5.565	A0V	317	6530	28 Cet	Cetus	594.8915	0.009	
345		HIP 5170	16.53214	-23.9924	6.114	K1III	320	6559	106 G. Ce	Cetus	350.1599	1.076	
346		HIP 5175	16.54667	32.18148	6.26	K0		6476	76 Psc	Pisces	582.1416	1.308	
347		HIP 5204	16.64011	12.95603	6.144	G8III	319	6557	75 Psc	Pisces	365.8796	0.962	
348		HIP 5240	16.75072	56.93497	6.401	K2III-IV	316	6497		Cassiopeia	317.7389	1.188	
349		HIP 5251	16.78940	53.49818	6.29	K2III	318	6540		Cassiopeia	1358.334	1.499	
350		HIP 5259	16.80385	-23.9963	6.353	A3III	325	6668	108 G. Ce	Cetus	233.5243	0.238	
351		HIP 5268	16.82776	-61.7752	5.342	G5III	332	6793	ι Tucanae	Tucana	279.1095	0.884	
352		HIP 5296	16.94253	-9.78555	5.705	F5V	329	6706	30 Cet	Cetus	155.4603	0.446	
353		HIP 5300	16.94926	-41.4868	5.207	A1(V)+F1(	331	6767	υ Phoenic	Phoenix	197.8155	0.159	
354		HIP 5310	16.98818	20.73906	5.563	A3V	328	6695	ψ 2 Pisciu	Pisces	161.1467	0.121	
355		HIP 5336	17.06792	54.92015	5.17	G5Vb	321	6582	μ Cassiop	Cassiopeia	24.62235	0.704	
356		HIP 5346	17.09255	5.649850	5.501	F2V	330	6763	80 Psc	Pisces	117.0975	0.334	
357	Wurren	HIP 5348	17.09616	-55.2457	4.014	B6V+B9V	338	6882	ζ Phoenici	Phoenix	279.5884	-0.12	3.91 4.42
358		HIP 5361	17.13944	58.26345	5.767	B8V	326	6676		Cassiopeia	566.9565	-0.019	
359		HIP 5364	17.14746	-10.1822	3.45	K2-IIIb	334	6805	η Ceti	Cetus	117.5621	1.161	
360		HIP 5372	17.18699	86.25709	4.225	K2III	285	5848	2 UMi	Cepheus	312.5601	1.213	

361		HIP 5412	17.30077	80.01158	6.23	~	312	6473		Cepheus	467.7188	0.922			
362		HIP 5434	17.37550	47.24179	4.294	~	335	6811A	* phi And	Andromed	735.8930	0.012			
363		HIP 5434	17.37552	47.24179	4.25	B5IIIe	335	6811	ϕ Androm	Andromed	735.8930	0.012			
364		HIP 5434	17.37563	47.24172	5.62	~	335	6811B	* phi And	Andromed	735.8930	0.012			
365	Mirach	HIP 5447	17.43301	35.62055	2.05	M0+IIIa	337	6860	β Androm	Andromed	199.2665	1.576			
366		HIP 5454	17.45500	19.65840	5.562	F9IIIa	339	6903	ψ 3 Pisciu	Pisces	402.9654	0.697			
367		HIP 5477	17.53072	-57.69438	6.418	G6II/III	350	7082		Phoenix	412.6574	0.888			
368		HIP 5483	17.54767	15.67391	6.043	M0III	344	6966		Pisces	557.2645	1.535			
369		HIP 5485	17.54977	-8.906134	6.394	K0III	346	6976	32 Cet	Cetus	364.6539	1.029			
370		HIP 5493	17.57808	42.08147	5.665	F8V	340	6920	44 And	Andromed	171.7596	0.603			
371		HIP 5494	17.58104	25.45776	5.797	K5III-IIIb	341	6953		Pisces	359.8226	1.466			
372		HIP 5510	17.63980	2.445674	5.942	K4/5III	347	7014	33 Cet	Cetus	898.0716	1.491			
373		HIP 5518	17.66384	68.77862	5.309	A0Vnn	336	6829	31 Cas	Cassiopeia	317.7389	-0.014			
374		HIP 5542	17.77567	55.14989	4.33	A7V	343	6961	θ Cassiop	Cassiopeia	137.3790	0.17			
375		HIP 5544	17.77818	31.42472	5.152	F0V	349	7034	82 Psc	Pisces	560.1366	0.261			
376		HIP 5550	17.79282	37.72412	5.786	B7III-IV	348	7019	45 And	Andromed	915.7310	-0.095			
377		HIP 5566	17.85654	64.20267	5.548	B9.5V	342	6960		Cassiopeia	409.5474	-0.052			
378		HIP 5571	17.86341	21.03464	4.658	G8.5III	351	7087	χ Piscium	Pisces	439.3536	1.024			
379		HIP 5575	17.87071	10.29190	6.493	G5		7107	112 G. Psc	Pisces	411.6175	0.891			
380		HIP 5586	17.91507	30.08963	4.511	K0.5IIIb	352	7106	τ Piscium	Pisces	162.1084	1.092			
381		HIP 5589	17.92251	65.01885	5.564	B9IV	345	6972	32 Cas	Cassiopeia	362.6262	-0.072	5.5	5.6	
382		HIP 5594	17.93128	-2.251078	5.918	K3III	353	7147	34 Cet	Cetus	440.5402	1.403			
383		HIP 5626	18.07006	79.67396	5.6	A3V	333	6798		Cepheus	272.1204	0.008			
384		HIP 5650	18.14201	45.33752	6.11	M1III	355	7158		Andromed	698.0738	1.652			
385		HIP 5661	18.18930	-37.85647	5.934	A9(IV)(+F/	359	7312	AI Scl	Sculptor	239.3538	0.281	5.89	5.98	
386		HIP 5679	18.24781	30.06422	6.23	G9III	356	7229		Pisces	340.2919	0.98			
387	Revati	HIP 5737	18.43285	7.575359	5.19	A7IV	361	7344	ζ Piscium	Pisces	147.5782	0.32			
388		HIP 5742	18.43727	24.58369	4.66	K0III	360	7318	ϕ Piscium	Pisces	377.3157	1.047			
389		HIP 5743	18.43856	7.578244	6.1	F7V	362	7345	ζ Piscium	Pisces	195.3265	0.492			
390		HIP 5772	18.52043	28.52956	6.347	S3+/2-	363	7351	DT Psc	Pisces	1015.575	1.684			

391		HIP 5778	18.53178	16.13347	5.962	B8III	364	7374	87 Psc	Pisces	499.9994	-0.082			
392		HIP 5799	18.60016	-7.922825	5.13	F5V	366	7439	37 Cet	Cetus	79.49283	0.448			
393		HIP 5824	18.67663	6.995138	6.022	G6III:	367	7446	88 Psc	Pisces	461.1043	1.081			
394		HIP 5833	18.70488	-0.973794	5.69	F3V	368	7476	38 Cet	Cetus	143.0452	0.428			
395		HIP 5862	18.79633	-45.53166	4.96	F9VFe+0.4	370	7570	ν Phoenic	Phoenix	49.07409	0.571			
396		HIP 5896	18.94203	-68.87594	4.95	F6V	377	7788	κ Tucanae	Tucana	66.61225	0.48			
397		HIP 5926	19.04959	71.74384	5.86	K5	365	7389	V762 Cas	Cassiopeia	14818.17	2.042			
398		HIP 5928	19.05503	87.14549	6.188	K2III:	306	6319		Cepheus	325.6744	1.114			
399		HIP 5936	19.07884	33.11471	6.026	K1III	371	7578		Pisces	314.6719	1.163			
400		HIP 5947	19.12866	79.91001	6.261	F5Vs	357	7238		Cepheus	235.5490	0.44			
401		HIP 5951	19.15119	-2.500369	5.428	G6III:eFe-1	373	7672	39 Cet	Cetus	255.8869	0.888	5.35	5.58	
402		HIP 5992	19.26565	-66.39785	6.24	A0V	380	7916		Tucana	336.4288	0.052			
403			19.26565	-66.39785	6.41	~	380	7916A		Tucana	336.4288	0.052			
404		HIP 5993	19.27110	44.90199	6.11	K5	372	7647		Andromed	589.5125	1.59			
405		HIP 6025	19.35046	31.74461	6.36	K0	374	7724		Pisces	276.7401	1.132			
406		HIP 6061	19.44981	3.614469	5.137	A1V	378	7804	89 Psc	Pisces	219.8247	0.071			
407		HIP 6087	19.54228	47.41970	6.246	K0	376	7758		Andromed	1530.518	1.357			
408		HIP 6140	19.69587	37.38627	6.497	A5m	379	7853		Andromed	455.9437	0.233			
409	Bharani	HIP 6193	19.86664	27.26405	4.748	A3V	383	7964	υ Piscium	Pisces	310.7723	0.032			
410			19.887	58.278	6.4	Open Cluster			NGC 457	Cassiopeia					
411		HIP 6226	19.95123	-0.509031	5.87	G8IV+A(8)	385	8036	42 Cet	Cetus	394.1960	0.635			
412		HIP 6226	19.95123	-0.509025	6.45	G9III-IV	385	8036A	* 42 Cet A	Cetus	394.1960	0.635			
413		HIP 6242	20.02048	58.23161	4.98	F0Ia	382	7927	ϕ Cassiop	Cassiopeia	2328.573	0.683			
414		HIP 6261	20.08082	77.57068	6.318	G5III	375	7732		Cassiopeia	379.0696	0.912			
415		HIP 6272	20.11586	-11.23899	6.147	K0/1III	388	8121	128 G. Cet	Cetus	382.1797	1.102			
416		HIP 6283	20.14405	-3.246991	6.246	K0III	387	8120	127 G. Cet	Cetus	528.3646	1.013			
417		HIP 6312	20.27194	64.65813	6.322	A2Vnn	384	8003	35 Cas	Cassiopeia	238.4785	0.113			
418		HIP 6315	20.28072	28.73820	5.223	K5III	389	8126	91 Psc	Pisces	343.5193	1.396			
419		HIP 6378	20.49626	76.23880	6.38	F0IVn	381	7925		Cassiopeia	250.0000	0.283			
420	Adhil	HIP 6411	20.58508	45.52877	4.868	K0-IIIb	390	8207	ξ Androm	Andromed	195.4435	1.077			

421		HIP 6427	20.62700	-19.08120	6.487	~	394	8350A	133 G. Cet	Cetus	193.8168	0.493		
422		HIP 6432	20.65397	1.726332	6.201	K5III	392	8334	131 G. Cet	Cetus	838.0452	1.482		
423		HIP 6486	20.83924	58.14299	6.35	F4V	391	8272		Cassiopeia	188.0045	0.457		
424		HIP 6492	20.85395	20.46896	5.971	K5	397	8388		Pisces	827.4111	1.677		
425		HIP 6502	20.87899	-30.94561	5.819	M0III	400	8498		Sculptor	888.2851	1.612		
426		HIP 6512	20.90613	34.24586	6.28	G8IV	396	8375		Andromed	191.9905	0.829		
427		HIP 6514	20.91923	37.71494	5.587	A2Vm	395	8374	47 And	Andromed	211.2767	0.276		
428		HIP 6522	20.94500	78.72605	6.064	A0Iab	386	8065		Cepheus	32600.01	0.389		
429		HIP 6537	21.00584	-8.183260	3.59	K0IIIb	402	8512	θ Ceti	Cetus	114.4664	1.065		
430		HIP 6539	21.01057	-8.007414	6.21	A9V	401	8511	44 Cet	Cetus	219.8247	0.235	6.2	6.22
431		HIP 6564	21.08542	-6.914659	5.92	F4V	404	8556	137 G. Cet	Cetus	145.9919	0.407		
432		HIP 6589	21.16639	-15.66046	6.183	G8III/IV	405	8589	139 G. Cet	Cetus	334.0164	0.924		
433		HIP 6592	21.16994	-41.49254	5.417	K0III	408	8651		Phoenix	246.5962	1.03		
434		HIP 6595	21.17464	-44.52857	6.247	K1II	411	8681		Phoenix	612.7824	1.122		
435		HIP 6605	21.20283	-2.848589	6.164	K0III	406	8599	138 G. Cet	Cetus	267.8720	0.959		
436		HIP 6631	21.27211	-64.36947	5.9	K5III	420	8810		Hydrus	1009.289	1.561		
437		HIP 6669	21.39865	23.51151	6.187	F6V	407	8634		Pisces	250.5767	0.447		
438		HIP 6670	21.40516	-14.59878	4.907	K2+III-IIIb	412	8705	46 Cet	Cetus	288.2404	1.231		
439		HIP 6685	21.44304	70.97989	6.36	A0Vnn	398	8424		Cassiopeia	514.1967	-0.011		
440	Ruchbah	HIP 6686	21.45396	60.23528	2.68	A5IV	403	8538	δ Cassiop	Cassiopeia	99.40773	0.13	2.68	2.76
441		HIP 6687	21.46818	-3.927389	6.5	K4/5III		8713		Cetus	329.9610	1.348		
442		HIP 6692	21.48342	68.13001	4.727	K0III-IIIbCl	399	8491	ψ Cassiop	Cassiopeia	193.0135	1.047		
443		HIP 6702	21.53660	34.57970	6.34	F7V	410	8673		Andromed	124.7874	0.474		
444		HIP 6706	21.56359	19.17234	5.344	F2V	413	8723	ρ Piscium	Pisces	85.00647	0.395		
445		HIP 6711	21.57785	43.45774	5.978	F7V	409	8671		Andromed	134.6549	0.52		
446		HIP 6714	21.59832	20.07080	6.439	K0		8733		Pisces	304.3885	0.947		
447		HIP 6717	21.61394	-0.399032	6.426	K1III	416	8779	144 G. Cet	Cetus	693.6173	1.241		
448		HIP 6732	21.67366	19.24042	5.495	K1III	414	8763	94 Psc	Pisces	306.6793	1.106		
449		HIP 6748	21.71485	-13.05651	5.505	F0.5V	421	8829	47 Cet	Cetus	118.3302	0.321		
450		HIP 6759	21.74205	-32.54317	5.72	C-N5+	423	8879	R Scl	Sculptor	1545.025	2.45		

451		HIP 6789	21.84712	-22.33823	6.41	K0/1III		8896	148 G. Ce	Cetus	386.7143	1.122		
452		HIP 6794	21.86113	41.10116	6.425	A7m	418	8801	V529 And	Andromed	182.0211	0.311		
453		HIP 6813	21.91408	45.40668	4.83	F4IV	417	8799	ω Andron	Andromed	92.27301	0.421		
454		HIP 6822	21.94392	-10.90158	6.21	K3III	425	8921	149 G. Ce	Cetus	356.2855	1.32		
455		HIP 6867	22.09136	-43.31823	3.42	M0III	429	9053	γ Phoenic	Phoenix	233.8594	1.542	3.39	3.49
456		HIP 6868	22.09548	7.961355	6.214	K1III	426	8949	118 G. Ps	Pisces	366.7044	1.114		
457		HIP 6952	22.37724	-46.75642	6.28	M2III	435	9184	AW Phe	Phoenix	981.9286	1.658	6.22	6.37
458		HIP 6960	22.40056	-21.62933	5.104	A0V	433	9132	48 Cet	Cetus	221.4675	0.028		
459		HIP 6971	22.42840	-25.61775	6.37	K1III		9151		Sculptor	588.4465	1.141		
460		HIP 6981	22.47026	18.35566	6.023	A3Vb_lB	432	9100	97 Psc	Pisces	378.6295	0.162	5.9	6.02
461		HIP 6999	22.52542	47.00727	5.261	K0III	430	9057	49 And	Andromed	289.5203	0.999		
462		HIP 7007	22.54631	6.143821	4.84	K3III	434	9138	μ Piscium	Pisces	360.2203	1.372		
463		HIP 7016	22.59543	-26.20785	5.926	K2III	436	9228		Sculptor	443.5361	1.327		
464		HIP 7050	22.71716	66.09808	6.137	A2Vs	428	9030		Cassiopeia	282.4957	0.07		
465		HIP 7083	22.81293	-49.07270	3.935	G8.5IIIb	440	9362	δ Phoenic	Phoenix	147.1782	0.972		
466	Alpherg	HIP 7097	22.87086	15.34583	3.62	G7IIIa	437	9270	η Piscium	Pisces	293.9585	0.974		
467		HIP 7115	22.91252	-45.57571	6.17	A1V	443	9414		Phoenix	319.2949	0.066		
468		HIP 7118	22.93022	-30.28309	5.788	K0III	441	9377		Sculptor	303.5383	1.073		
469		HIP 7147	23.03157	34.79996	6.373	B7IIIp(HgM	438	9298		Triangulu	936.7808	-0.103		
470		HIP 7189	23.15152	-49.72771	6.26	F5V	447	9544		Phoenix	262.6915	0.462		
471		HIP 7213	23.23351	-36.86523	5.493	K1/2III	445	9525		Sculptor	265.2565	1.021		
472			23.32615	8.208736	6.33	~		9496A		Pisces	584.2280	0.8		
473		HIP 7243	23.32615	8.208736	6.33	K0III		9496	121 G. Ps	Pisces	584.2280	0.8		
474		HIP 7251	23.35711	58.32734	5.709	K3Ib-II+B7	439	9352		Cassiopeia	1952.095	1.435		
475		HIP 7271	23.41321	-78.50481	6.103	K0III	467	10042		Hydrus	440.5402	0.97		
476		HIP 7276	23.42848	-7.025344	5.76	G1V	448	9562	165 G. Ce	Cetus	96.70726	0.639		
477		HIP 7283	23.46129	89.01563	6.47	A1	286	5914		UrsaMino	321.1824	0.107		
478			23.46206	30.66017	5.72	Galaxy			M 33	Triangulum				
479		HIP 7294	23.48283	59.23205	4.681	G9IIIb	442	9408	χ Cassiop	Cassiopeia	204.2605	0.991		
480		HIP 7321	23.56924	37.23716	5.91	B9IV	446	9531	KK And	Andromed	391.8260	-0.067	5.91	5.922

481		HIP 7345	23.65741	-15.67636	5.607	A1V	451	9672	49 Cet	Cetus	199.7549	0.066		
482		HIP 7359	23.70443	18.46051	5.903	M2III	450	9640		Pisces	597.0692	1.536		
483		HIP 7361	23.71159	-31.89231	6.11	K0/1III	453	9742		Sculptor	367.5325	1.109		
484		HIP 7362	23.71382	-3.523886	6.43	K2III		9690	166 G. Ce	Cetus	819.0948	1.341		
485		HIP 7363	23.71488	-23.69968	6.4	K2III		9731	168 G. Ce	Cetus	990.8806	1.306		
486		HIP 7387	23.81259	-58.13947	6.01	F3V	460	9896		Hydrus	131.8771	0.382		
487		HIP 7436	23.94350	14.66142	6.219	B9.5III	455	9766	101 Psc	Pisces	2295.774	-0.036		
488		HIP 7443	23.96069	-39.94712	6.43	F5VFe-0.7		9895		Phoenix	122.8335	0.415		
489		HIP 7444	23.96906	41.07641	6.386	G9III-IV	452	9712		Andromed	387.6336	1.122		
490		HIP 7450	23.99570	-15.40018	5.402	K1.5III	459	9856	50 Cet	Cetus	548.8211	1.226		
491		HIP 7463	24.03544	-29.90730	5.93	~	462	9906	* tau Scl A	Sculptor	202.1080	0.335		
492		HIP 7493	24.11333	48.72277	6.22	K1III:	454	9746	OP And	Andromed	419.5621	1.237		
493		HIP 7505	24.18135	7.831528	6.42	M0		9889	CY Psc	Pisces	905.5565	1.605		
494		HIP 7506	24.18662	-58.27098	6.205	M3III	468	10052		Hydrus	804.9399	1.607		
495	Titawin	HIP 7513	24.19933	41.40545	4.1	F9V	458	9826	υ Androm	Andromed	43.90568	0.536		
496		HIP 7535	24.27469	12.14178	5.535	F0V	463	9919	π Piscium	Pisces	110.2095	0.347		
497		HIP 7568	24.36681	-84.76961	5.667	G8III	525	11025		Octans	364.6539	0.939		
498		HIP 7580	24.40710	-9.403822	6.24	F8.5VFe-0	466	10009	170 G. Ce	Cetus	124.6653	0.528		
499	Achernar	HIP 7588	24.42852	-57.23675	0.46	B6Vpe	472	10144	α Eridani	Eridanus	140.1800	-0.158		
500		HIP 7597	24.46695	-3.440678	6.44	M0III		10024	171 G. Ce	Cetus	895.6038	1.568		
501		HIP 7601	24.48148	-82.97499	5.87	G1V	512	10800		Octans	88.44285	0.62		
502	Nembus	HIP 7607	24.49815	48.62821	3.57	K3-IIICN0.	464	9927	υ Persei	Andromed	173.7740	1.275		
503		HIP 7617	24.53152	57.97763	5.536	K0II_CN+2	461	9900		Cassiopeia	1139.859	1.388		
504		HIP 7643	24.61451	-36.52825	5.939	K0III	471	10142		Sculptor	322.7723	1.045		
505		HIP 7650	24.62882	73.04003	5.281	G7III-IIIb	456	9774	40 Cas	Cassiopeia	446.5745	0.972		
506		HIP 7651	24.63260	45.39970	6.38	A2:VpSiSr	465	9996	GY And	Andromed	454.6723	-0.021	6.27	6.44
507		HIP 7679	24.71578	-21.27538	5.58	F0V	473	10148	172 G. Ce	Cetus	229.4160	0.346		
508		HIP 7719	24.83745	44.38617	5.008	G8III	469	10072	χ Androm	Andromed	242.1991	0.883		
509		HIP 7740	24.92007	16.40585	5.979	K2III	475	10164	105 Psc	Pisces	454.0399	1.119		
510		HIP 7751	24.94818	-56.19644	5.797	K2V	487	10361	* p Eri B	Eridanus	26.71			

511	HIP 7751	24.94921	-56.19331	5.685	K2V	486	10360	* p Eri A	Eridanus	26.71			
512	HIP 7786	25.05458	53.86827	6.37	K5III	470	10110		Perseus	616.2575	1.608		
513	HIP 7818	25.14506	40.57703	4.94	B8III	477	10205	τ Androm	Andromed	680.5839	-0.068		
514	HIP 7819	25.14555	8.760788	6.345	F2		10262	124 G. Psc	Pisces	181.2117	0.401		
515	HIP 7825	25.16523	43.29767	5.629	A7III+	476	10204		Andromed	268.3127	0.214		
516	HIP 7874	25.32656	25.74571	6.202	F7V	484	10308		Pisces	182.5307	0.459		
517	HIP 7879	25.33946	-79.14820	6.46	~	516	10859	* tau01 H	Hydrus	394.6720	0.947		
518	HIP 7884	25.35789	5.487611	4.44	K3III	489	10380	ν Piscium	Pisces	367.9465	1.347		
519	HIP 7886	25.36383	-38.13282	6.183	F3/5IV/V	494	10481		Sculptor	136.5731	0.404		
520	HIP 7906	25.41348	30.04712	5.961	K0IIICN+2	485	10348		Triangulu	523.2758	1.015		
521		25.43677	-11.32467	6.14	F5V	492	10453A		Cetus	121.5057	0.443		
522	HIP 7918	25.44636	42.61339	4.96	G1V	483	10307	41 H. And	Andromed	41.21878	0.618		
523	HIP 7921	25.44986	-60.78933	5.692	K2/3III	505	10615		Hydrus	370.8772	1.264		
524	HIP 7941	25.51247	-36.83230	5.698	A0V	498	10538		Sculptor	304.3885	-0.01		
525	HIP 7943	25.51454	35.24570	5.64	B9V	490	10390		Triangulu	258.5249	-0.059		
526	HIP 7955	25.53595	-32.32698	5.256	K1II/III	497	10537	π Sculpto	Sculptor	217.0440	1.044		
527	HIP 7963	25.57375	58.62773	6.348	B7III	482	10293		Cassiopei	1455.359	-0.027		
528	HIP 7965	25.58552	68.04302	5.59	A0VpSiSrE	478	10221	43 Cas	Cassiopei	444.1425	-0.049	5.55	5.64
529	HIP 7978	25.62214	-53.74083	5.52	F9V	506	10647		Eridanus	56.58814	0.551		
530	HIP 7981	25.62401	20.26851	5.24	K1V	493	10476	107 Psc	Pisces	24.34469	0.836		
531	HIP 7999	25.68129	-3.690199	4.982	K2/3IIICNI	500	10550	175 G. Ce	Cetus	1202.953	1.378		
532	HIP 8016	25.73276	70.62252	5.174	B9V	480	10250	42 Cas	Cassiopei	280.5508	-0.022		
533	HIP 8020	25.74300	61.42107	6.323	B7III	488	10362		Cassiopei	1021.945	0.013		
534	HIP 8044	25.81876	45.32264	6.32	K0	495	10486		Andromed	180.7096	1.02		
535	HIP 8046	25.83231	60.55133	5.76	B8IIIn	491	10425	44 Cas	Cassiopei	913.1654	-0.01		
536	HIP 8068	25.91515	50.68873	4.06	B1.5V:e-sh	496	10516	ϕ Persei	Perseus	716.4830	-0.098	3.96	4.11
537	HIP 8086	25.95892	32.19201	6.3	G8III-IV	503	10588		Triangulu	460.4523	0.879		
538	HIP 8094	25.97831	-4.765514	6.19	K4III	507	10658	176 G. Ce	Cetus	716.4830	1.537		
539		26.008	61.883	6.5	Open Cluster			NGC 654	Cassiopeia				
540	HIP 8102	26.01701	-15.93747	3.5	G8V	509	10700	τ Ceti	Cetus	11.89041	0.727		

541			26.07484	57.53660	6.28	A3V	499	10543A		Cassiopeia	258.1157	0.131			
542		HIP 8127	26.11052	46.13969	6.31	K5III	504	10597		Andromed	539.7355	1.419			
543		HIP 8148	26.19238	57.08923	6.24	A2V	502	10587		Cassiopeia	560.1366	0.062			
544		HIP 8159	26.23260	20.08314	6.279	G3Va	508	10697	109 Psc	Pisces	106.3270	0.706			
545	Torcular	HIP 8198	26.34843	9.157750	4.26	G8III	510	10761	o Piscium	Pisces	258.1157	0.942			
546		HIP 8209	26.41148	-25.0526	5.31	F1V+K1V	514	10830	ϵ Sculptor	Sculptor	89.41301	0.395			
547		HIP 8209	26.41152	-25.0526	5.34	F1V	514	10830A	* eps Scl A	Sculptor	89.41301	0.395			
548		HIP 8210	26.42721	8.559249	6.43	B8VpSi		10783		Pisces	607.0774	-0.026	6.43	6.65	
549		HIP 8230	26.49691	-5.73329	5.34	K5III	513	10824	179 G. Cet	Cetus	509.3751	1.517			
550		HIP 8233	26.50440	-27.3488	6.385	F2V	517	10863		Fornax	140.7599	0.366			
551		HIP 8240	26.52485	-50.8162	5.49	M2III	519	10934		Phoenix	679.1658	1.615			
552		HIP 8241	26.52609	-53.5220	5.033	A1V	520	10939		Eridanus	185.8608	0.031			
553		HIP 8320	26.81959	-41.7599	6.165	K5/M0III	524	11022		Phoenix	563.0413	1.544			
554		HIP 8362	26.93681	63.85250	5.63	K0V	511	10780		Cassiopeia	32.52195	0.804	5.63	5.68	
555		HIP 8366	26.94352	-80.1763	6.04	F0IV	550	11604	τ 2 Hydri	Hydrus	202.1080	0.338			
556		HIP 8369	26.94903	-37.1594	6.32	K0III	528	11050		Fornax	557.2645	1.016			
557		HIP 8370	26.95006	46.22974	6.317	F6V	518	10874		Andromed	190.0873	0.461			
558			27.031	71.738	5.7	Open Cluster			Cl Collinde	Cassiopeia					
559		HIP 8387	27.04551	16.95551	5.841	B9.5V	522	10982	4 Ari	Aries	286.7193	-0.039			
560		HIP 8404	27.10841	3.685449	5.904	K0III	527	11037	131 G. Psc	Pisces	327.6398	0.97			
561		HIP 8423	27.16218	37.95287	5.929	K0III	521	10975		Andromed	308.4202	0.975			
562		HIP 8475	27.31471	47.89691	6.46	A2.5V	526	11031A		Perseus	331.3008	0.17			
563		HIP 8480	27.33092	-31.0724	6.348	K2/3III	532	11183		Fornax	443.5361	1.222			
564		HIP 8497	27.39626	-10.6864	4.68	F0V	531	11171	χ Ceti	Cetus	76.97774	0.333			
565		HIP 8514	27.45358	-38.4028	6.37	F9VFe-0.5	535	11262		Fornax	88.37079	0.523			
566		HIP 8544	27.53570	22.27533	5.86	G3III+A3IV	530	11154	1 Ari A	Aries	573.9427	0.743			
567		HIP 8544	27.53571	22.27533	6.2	K0III+	530	11154	* 1 Ari A	Aries	573.9427	0.743			
568		HIP 8552	27.58409	-47.8163	6.14	K0III	537	11332		Phoenix	490.2259	0.998			
569		HIP 8588	27.71655	11.04337	5.922	F0Vs	534	11257	54 Cet	Aries	138.9598	0.302			
570		HIP 8593	27.72681	-50.2061	5.929	F0VkA2mA	541	11413	BD Phe	Phoenix	243.8294	0.154	5.9	5.94	

571		HIP 8598	27.73803	51.93341	5.951	F5IV	529	11151		Perseus	145.4058	0.419		
572		HIP 8641	27.85981	-39.83593	6.43	K1IIICNII		11421		Phoenix	449.6552	1.094		
573	Baten Kait	HIP 8645	27.86513	-10.33503	3.72	K0.5III	539	11353	ζ Ceti	Cetus	258.9356	1.136		
574		HIP 8664	27.90750	-6.874139	6.41	K1III		11365	186 G. Ce	Cetus	542.4283	1.233		
575		HIP 8688	27.94207	-15.64748	6.45	M2III		11396	187 G. Ce	Cetus	804.9399	1.608		
576		HIP 8704	27.99716	55.14738	5.52	B1.5V	533	11241	1 Per	Perseus	1028.390	-0.175	5.49	5.85
577		HIP 8714	28.03905	50.79279	5.689	B9pHgMn	536	11291	2 Per	Perseus	491.7059	-0.067		
578		HIP 8771	28.21135	51.47483	6.3	A3V	538	11335		Perseus	494.6888	0.05		
579		HIP 8778	28.21713	-16.92925	5.782	F0V	547	11522	BK Cet	Cetus	330.2935	0.26	5.73	5.81
580	Mothallah	HIP 8796	28.27043	29.57881	3.42	F5III	544	11443	α Triangul	Triangulu	64.08508	0.488		
581		HIP 8814	28.32226	40.72979	5.394	K1III	543	11428	55 And	Andromed	539.7355	1.311		
582		HIP 8820	28.34655	-38.59463	6.086	K1/2III	554	11643		Fornax	378.1894	1.125		
583		HIP 8832	28.38255	19.29385	4.52	A2IVpSiSr	546		* gam02 A	Aries	204.2605	-0.047	4.62	4.66
584	Mesarthir	HIP 8832	28.38258	19.29595	4.589	A0Vnp_lB	545	11502	* gam01 A	Aries	204.2605	-0.047	4.62	4.66
585		HIP 8833	28.38890	3.187532	4.604	G8.5IIIb	549	11559	ξ Piscium	Pisces	190.5320	0.928		
586		HIP 8837	28.41141	-46.30266	4.41	M4III	555	11695	ψ Phoenic	Phoenix	321.1824	1.597	4.3	4.5
587		HIP 8847	28.45214	55.59763	6.437	A3III	540	11408		Perseus	239.5298	0.185		
588		HIP 8882	28.59179	-42.49692	5.109	A3V	558	11753	ϕ Phoenic	Phoenix	309.0047	-0.06		
589	Segin	HIP 8886	28.59889	63.67010	3.37	B3Vp_sh	542	11415	ϵ Cassiope	Cassiopei	465.6921	-0.15		
590	Sheratan	HIP 8903	28.66004	20.80803	2.65	kA4hA5m	553	11636	β Arietis	Aries	59.55433	0.165		
591		HIP 8922	28.72408	40.70199	6.248	K2	551	11613		Andromed	344.9733	1.262		
592		HIP 8928	28.73388	-67.64730	4.685	G8IIIb	570	11977	η 2 Hydri	Hydrus	216.8614	0.931		
593		HIP 8930	28.74025	37.12829	6.267	K0	552	11624		Andromed	524.9612	1.169		
594		HIP 8983	28.94367	-60.86097	6.058	F0IV/V	571	11995		Hydrus	151.6278	0.356		
595		HIP 8991	28.96062	-78.34854	6.146	F5/6IV/V	593	12363	σ Hydri	Hydrus	134.7107	0.448		
596		HIP 8993	28.96266	23.57731	5.749	G8III	559	11763	7 Ari	Aries	521.6001	1.185		
597		HIP 9001	28.97700	37.27779	5.867	M0III	556	11727		Andromed	990.8806	1.599		
598		HIP 9007	28.98941	-51.60887	3.71	G8IIIbCNI	566	11937	χ Eridani	Eridanus	57.00307	0.844		
599		HIP 9009	29.00011	68.68523	4.968	B5III	548	11529	ω Cassiop	Cassiopei	701.0762	-0.084		
600		HIP 9022	29.03920	-49.83644	6.36	B8/9V		11965	9 G. Eri	Eridanus	635.4785	-0.081		

601		HIP 9061	29.16751(	-22.52678	4.85	K3III	565	11930	56 Cet	Cetus	398.5318	1.434		
602		HIP 9085	29.24993(	-51.76624	6.1	F8.5Fe-0.7	573	12042	10 G. Eri	Eridanus	85.85734(	0.487		
603		HIP 9094	29.29003(	-10.24242	6.42	G9VCN+1		11964		Cetus	110.8279(	0.82		
604		HIP 9095	29.29199{	-47.38527	4.834	G6III-IIIb	574	12055		Phoenix	266.7759{	0.864		
605		HIP 9110	29.33773{	17.81755(	5.105	G8III	563	11909	ι Arietis	Aries	658.5854:	0.921		
606		HIP 9132	29.43226:	27.80437:	5.85	M2III	564	11928		Triangulur	475.9112{	1.576		
607		HIP 9149	29.47218{	-65.42467	6.357	G8II/III	584	12270		Hydrus	535.3052:	0.906		
608		HIP 9153	29.48215:	23.59606:	4.766	F0V	569	11973	λ Arietis	Aries	133.1156:	0.29		
609		HIP 9163	29.49681{	47.09552:	6.45	K0		11884		Andromec	1139.859{	1.203		
610		HIP 9207	29.61116:	-33.06679	6.374	K0III	576	12135		Fornax	346.0719:	1.006		
611		HIP 9220	29.63847{	61.69779(	6.004	B7I	561	11857		Cassiopeia	721.2393{	-0.042		
612		HIP 9222	29.63960{	49.20435:	5.702	K0IV	568	11949	3 Per	Perseus	246.0378:	1.005		
613		HIP 9237	29.69165(	-11.30095	6.46	K1III/IV		12116	193 G. Cet	Cetus	409.0355{	1.128		
614		HIP 9236	29.69224{	-61.56982	2.84	F0IV	591	12311	α Hydri	Hydrus	71.27242{	0.29		
615		HIP 9295	29.85784:	12.29488(	6.076	A6V	578	12140		Aries	268.9771:	0.186		
616		HIP 9307	29.89868:	21.05856{	5.892	K0III-IV	577	12139		Aries	399.0208(	1.031		
617		HIP 9312	29.90849(	64.62160(	5.278	A0Vn	567	11946		Cassiopeia	256.8952{	0.002		
618		HIP 9313	29.91172{	-42.03053	5.563	K1III	588	12296		Phoenix	259.7611:	1.052		
619		HIP 9318	29.92136{	-66.06655	6.078	K1III	600	12477		Hydrus	427.8229{	1.176		
620		HIP 9326	29.94250(	-20.82453	5.429	M1:III	583	12255	57 Cet	Cetus	668.0329(	1.64		
621		HIP 9347	30.00128{	-21.07783	4.02	M0III	585	12274	υ Ceti	Cetus	300.7380:	1.554		
622		HIP 9372	30.11176:	-8.523873	5.51	M3II	587	12292	AR Cet	Cetus	592.7268{	1.391	5.4	5.61
623		HIP 9440	30.31134{	-30.00183	5.35	G8III	594	12438	π Fornaci:	Fornax	278.3946:	0.883		
624	Mira	HIP 10826	30.32244:	-2.977638	6.47	M5-M9IIIe	681	14386	ο Ceti	Cetus	418.4863:	0.966	2	10.1
625		HIP 9459	30.42656{	-44.71350	5.14	K5IV	602	12524	χ Phoenic	Phoenix	372.1454:	1.471		
626		HIP 9480	30.48932(	70.90706{	4.63	A2V	575	12111	* 48 Cas A	Cassiopeia	116.8042(	0.164		
627		HIP 9480	30.48955:	70.90696(	4.54	A3Va	575	12111	48 Cas	Cassiopeia	116.8042(	0.164		
628		HIP 9487	30.51125{	2.763811:	5.135	kA2hF2mI	595	12446	* alf Psc B	Pisces	139.0191{	0.024		
629	Alrescha	HIP 9487	30.51175{	2.763771{	4.11	kA0hA7Sr	596	12447	* alf Psc A	Pisces	139.0191{	0.024		
630		HIP 9505	30.57545:	54.48754(	5.04	B8III	590	12303	4 Per	Perseus	739.2280:	-0.071		

631		HIP 9521	30.61776	-29.66564	6.41	A3III	606	12563		Fornax	451.5231	0.135		
632		HIP 9533	30.64615	13.47672	5.94	M2III	601	12479		Aries	844.5587	1.584		
633		HIP 9562	30.71556	-23.88662	6.29	K2III		12596		Fornax	958.8250	1.34		
634		HIP 9564	30.71864	64.90146	5.986	A1Vn	586	12279	52 Cas	Cassiopeia	283.7250	0.029		
635		HIP 9568	30.73762	77.91626	6.046	K0	572	12005		Cepheus	1075.907	1.107		
636		HIP 9570	30.74148	33.28413	5.516	A2V	599	12471	ϵ Triangul	Triangulu	370.0329	0.029		
637		HIP 9572	30.74404	-15.30593	5.864	K0II/III	608	12583	202 G. Ce	Cetus	328.9601	0.966		
638		HIP 9573	30.75078	64.39001	5.614	B8Ib	589	12301	53 Cas	Cassiopeia	3468.087	0.325		
639		HIP 9586	30.79354	73.85056	6.15	A5III	579	12173		Cassiopeia	363.0304	0.162		
640		HIP 9589	30.79854	0.128508	5.423	A3IV	607	12573	60 Cet	Cetus	288.2404	0.146		
641		HIP 9598	30.85878	72.42129	3.938	A2V	580	12216	50 Cas	Cassiopeia	162.0279	-0.002		
642		HIP 9621	30.91393	25.93547	5.765	F8IV	605	12558A	* 10 Ari A	Aries	172.4869	0.537		
643		HIP 9621	30.91393	25.93547	5.694	F8V	605	12558	10 Ari	Aries	172.4869	0.537		
644		HIP 9622	30.91870	-4.10351	5.609	M1IIICa1	611	12642	203 G. Ce	Cetus	654.6180	1.589		
645		HIP 9627	30.92754	18.25325	6.214	K4III	609	12594		Aries	1341.565	1.424		
646		HIP 9631	30.95068	-0.34024	5.942	G5IIIb+F5	610	12641	61 Cet	Cetus	329.6252	0.851		
647	Almach	HIP 9640	30.97480	42.32972	2.1	K2+IIb	603	12533	γ 1 Andro	Andromed	390.0001	1.37		
648		HIP 9640B	30.97815	42.33091	5.82	B9.5V+A0	604	12534		Andromeda		-0.8		
649		HIP 9655	31.05194	-11.85976	6.43	K4III		12702	205 G. Ce	Cetus	1051.614	1.498		
650		HIP 9677	31.12268	-29.29680	4.69	B9.5IIIspS	612	12767	ν Fornacis	Fornax	361.0190	-0.156	4.68	4.73
651		HIP 9685	31.14652	-54.88167	6.45	F4V		12894	12 G. Eri	Eridanus	153.9916	0.386		
652		HIP 9706	31.21254	7.735661	6.43	K0		12730	138 G. Ps	Pisces	479.4124	1.114		
653		HIP 9727	31.28093	77.28134	5.268	F0Vn	581	12230	47 Cas	Cassiopeia	109.3958	0.345		
654		HIP 9763	31.38145	76.11506	5.22	G8III	592	12339	49 Cas	Cassiopeia	426.1440	0.954		
655		HIP 9809	31.55109	8.248111	6.303	M2III:	614	12872	WZ Psc	Pisces	878.7072	1.636	6.2	6.38
656		HIP 9827	31.62212	0.035343	6.295	G8III	616	12923	207 G. Ce	Cetus	545.1504	0.897		
657		HIP 9836	31.64135	22.64831	5.019	kA1VmF2l	613	12869	κ Arietis	Aries	187.3564	0.121		
658		HIP 9859	31.70514	25.70455	6.02	B9IV-Vn	615	12885	11 Ari	Aries	1160.143	-0.03		
659		HIP 9862	31.71687	-19.13887	6.39	K1III		13004	209 G. Ce	Cetus	271.4403	1.143		
660	Hamal	HIP 9884	31.79335	23.46241	2.01	K2-IIIbCa-	617	12929	α Arietis	Aries	65.88526	1.151		

661	HIP 9951	32.02368	-41.88042	6.5	A4V		13218		Phoenix	284.2199	0.205		
662	HIP 9977	32.12192	37.85908	4.82	A5IV-V	620	13041	58 And	Andromec	197.8155	0.12		
663	HIP 9983	32.13983	44.45942	6.38	G8III-IV	619	13013		Andromec	430.0789	0.965		
664	HIP 9990	32.16907	58.42360	5.68	A1Ia	618	12953	V472 Per	Perseus	1821.228	0.595	5.64	5.74
665	HIP 9999	32.19025	-17.77915	6.056	M1III	625	13215	213 G. Ce	Cetus	1298.804	1.661		
666	HIP 10035	32.28871	-43.51659	5.83	K1III	632	13336		Phoenix	573.9427	1.197		
667	HIP 10054	32.35545	81.29594	6.06	A1.5V	597	12467		Cepheus	223.1350	0.118		
668	HIP 10053	32.35552	25.93983	4.977	F2III	623	13174	14 Ari	Aries	319.9215	0.339		
669	HIP 10064	32.38594	34.98729	3	A5III	622	13161	β Triangul	Triangulu	124.2379	0.14		
670	HIP 10069	32.39500	-24.34578	6.47	F0IV/V	630	13305		Fornax	202.8626	0.289		
671	HIP 10096	32.45195	-40.86649	6.49	F3V		13387		Phoenix	222.0709	0.43		
672	HIP 10111	32.52004	-43.81557	6.322	G8III	636	13423		Phoenix	391.8260	0.899		
673	HIP 10115	32.53229	53.84309	6.303	G8III	621	13137		Perseus	589.5125	0.948		
674	HIP 10138	32.60799	-50.82374	6.117	K1.5V	637	13445	Gliese 86	Eridanus	35.18000	0.82		
675	HIP 10155	32.65665	19.50033	5.688	M3-IIIab	631	13325	15 Ari	Aries	665.3075	1.641	5.67	5.74
676	HIP 10176	32.72010	39.03954	6.07	B9V	628	13294	59 And A	Andromec	262.6915	-0.054		
677	HIP 10180	32.72356	39.04330	6.1	A1Vn	629	13295		Andromec	1697.916	0.081		
678	HIP 10203	32.80022	25.93694	5.999	K4III	633	13363	16 Ari	Aries	800.9822	1.365		
679	HIP 10212	32.83782	8.569807	5.623	G0IV	635	13421	64 Cet	Cetus	138.6054	0.569		
680	HIP 10215	32.84260	-10.05216	5.999	F3V	638	13456	219 G. Ce	Cetus	163.0000	0.418		
681	HIP 10220	32.85426	31.52639	6.23	A1m	634	13372	5 Tri	Triangulu	482.2486	0.112		
682	HIP 10227	32.87163	57.64554	6.35	B5Ia	627	13267	5 Per	Perseus	2546.875	0.298		
683	HIP 10233	32.88959	-17.74299	6.49	M1/2III		13511		Cetus	793.1876	1.622		
684	HIP 10234	32.89931	-1.825426	5.933	K0III	639	13468	63 Cet	Cetus	354.3490	0.967		
685	HIP 10273	33.06570	2.745552	6.49	K0/1III		13546	221 G. Ce	Cetus	499.2333	1.039		
686	HIP 10280	33.09283	30.30307	5.162	G5III	642	13480A	iot Tri A	Triangulu	305.2436	0.77	5.19	5.28
687	HIP 10280	33.09283	30.30306	4.952	G0III+G5II	642	13480	ι Tri	Triangulu	305.2436	0.77	5.19	5.28
688	HIP 10296	33.15641	24.16778	5.95	K0	644	13522		Aries	564.9907	1.366		
689	HIP 10305	33.19808	-2.393629	5.66	F8V	650	13612	66 Cet	Cetus	150.1611	0.546		
690	HIP 10309	33.20795	79.69153	6.445	A3		12927		Cepheus	410.0625	0.24		

691	HIP 1032(	33.22695{	-30.72382	5.26	A0V	652	13709	μ Fornacis	Fornax	331.97568	-0.013
692	HIP 10324	33.25000:	8.8467023	4.35	G7IIIBa0.4	649	13611	ξ 1 Ceti	Cetus	361.82095	0.878
693	HIP 1032(	33.25411-	-21.00013	5.867	K0III	651	13692	226 G. Cet	Cetus	399.02087	1.006
694	HIP 10328	33.26376:	15.279863	5.7	M0III	648	13596	19 Ari	Aries	540.6288	1.551
695	HIP 1034(	33.30550{	44.23164(	4.826	K4-III:	643	13520	60 And	Andromec	556.3126(	1.476
696	HIP 1035(	33.33810{	74.02772(	6.261	G8III	626	13222		Cassiopeia	438.17349	0.915
697	HIP 10361	33.38962{	53.05858{	6.46	K5		13519		Perseus	8358.969(	1.661
698	HIP 1037{	33.42337:	58.56058{	6.43	A2Iab	641	13476		Perseus	2884.9575	0.554
699	HIP 1039(	33.47314:	-9.064631	6.42	K1III		13763	227 G. Cet	Cetus	1258.6864	1.415
700	HIP 10418	33.56058(	-67.84144	5.559	M1-III	667	14141	π 1 Hydri	Hydrus	739.22808	1.556
701	HIP 10438	33.62120:	66.52444(	6.07	F9II+A2Vn	640	13474	55 Cas	Cassiopeia	737.55569	0.641
702	HIP 1044(	33.63310-	-41.16676	5.907	G8III	659	13940		Phoenix	333.67415	0.965
703	HIP 10513	33.86927:	-67.74636	5.658	K2III	678	14287	π 2 Hydri	Hydrus	467.71888	1.306
704	HIP 10535	33.92823{	25.04304{	5.58	F6V	657	13872	21 Ari	Aries	156.9573(	0.52
705	HIP 1055{	33.98453:	33.35889:	5.249	A0V	655	13869	7 Tri	Triangulur	292.90228	-0.004
706	HIP 10562	33.99055-	47.81193{	6.36	G9III-IV	653	13818		Andromec	462.4115{	1.029
707	HIP 10602	34.12744:	-51.51216	3.57	B8IV	674	14228	ϕ Eridani	Eridanus	154.79593	-0.12
708	HIP 10623	34.18990{	83.56141:	6.45	K0		12918		Cepheus	427.82298	0.951
709	HIP 10633	34.21548-	57.05524{	6.48	B1Iab	654	13854		Perseus	2379.5628	0.281
710	HIP 10642	34.24601-	-6.422117	5.499	G8.5IIIb	666	14129	67 Cet	Cetus	340.29194	0.962
711	HIP 1067(	34.32861:	33.84719(	4	A1Vnn	664	14055	γ Triangul	Triangulur	117.56214	0.019
712	HIP 10718	34.49953(	57.89982:	5.748	K3III	661	13982	8 Per	Perseus	378.6295(	1.175
713	HIP 10723	34.50601:	1.757812(	5.59	G1V	672	14214	232 G. Cet	Cetus	81.418513	0.588
714	HIP 10729	34.51910:	57.51632:	6.023	G7.0III	662	13994	7 Per	Perseus	710.24014	1.039
715	HIP 10732	34.53137:	19.90115:	5.572	A1Vn	669	14191	θ Arietis	Aries	387.17402	0.011
716	HIP 10793	34.73747:	28.64267{	5.291	A2V	675	14252	10 Tri	Triangulur	350.15997	0.037
717	HIP 10795	34.74140{	23.16779{	6.441	A9V+F/G	676	14262		Aries	342.79562	0.376
718	HIP 10798	34.74376{	-25.94568	6.34	G8V	683	14412		Fornax	41.328652	0.724
719	HIP 10814	34.79510:	46.47226:	6.22	A4V	671	14213		Andromec	451.52319	0.164
720	HIP 10819	34.81998:	47.37997{	5.31	A0V	670	14212	62 And	Andromec	255.28578	0.006

721	HIP 1083(	34.84449(	48.95546(	6.41	F4V	673	14221		Andromec	210.3225	0.427		
722	HIP 10832	34.85319(	-41.84836	6.37	K2III	686	14509		Phoenix	534.4250	1.162		
723	HIP 10854	34.91990	-4.345571	6.491	A2V	684	14417		Cetus	545.1504	0.082		
724	HIP 10871	34.97613	-55.94479	5.794	K5III	688	14641		Horologiu	564.0127	1.57		
725	HIP 10884	35.01857	30.18808	6.49	K0	680	14373		Triangulu	722.8367	1.223		
726	HIP 10924	35.17298	47.31080	6.154	B5V	679	14372		Andromec	835.8968	-0.094		
727	HIP 10944	35.24250(	50.15149	5.59	B9VpSi	682	14392	PZ And	Andromec	356.2855	-0.089	5.59	5.64
728	HIP 11001	35.43725	-68.65941	4.09	A2V	705	15008	δ Hydri	Hydrus	135.2698	0.034		
729	HIP 1102(	35.48098	57.24291(	6.48	A1Ia		14433		Perseus	2936.938	0.569		
730	HIP 11021	35.48594	0.395672	5.287	M1/2III	689	14652	69 Cet	Cetus	1309.236(	1.648		
731	HIP 1102(	35.50638	-10.77753	5.421	F3V(n)	692	14691	238 G. Ce	Cetus	97.37165(	0.364		
732	HIP 11033	35.52076(	-17.66217	5.868	K2III	693	14728	239 G. Ce	Cetus	503.8657(	1.231		
733	HIP 11043	35.54895	-43.19980	6.298	K0III	698	14832		Phoenix	441.1368	0.991		
734	HIP 11046	35.55164	-0.884853	5.421	F0/2V	691	14690	70 Cet	Cetus	279.1095	0.335		
735	HIP 1106(	35.58930	55.84565	5.17	A1Ia	685	14489	9 Per	Perseus	2050.315	0.369	5.15	5.25
736	HIP 11072	35.63579	-23.81679	5.198	G0V	695	14802	κ Fornacis	Fornax	71.49116	0.608		
737	HIP 1109(	35.70959	41.39629	5.795	F0III-IV	687	14622		Andromec	154.0643	0.289		
738	HIP 11095	35.71795	-73.64579	5.987	K1III	715	15248	κ Hydri	Hydrus	317.7389	1.088		
739	HIP 11102	35.72781	-51.09212	5.898	A5V	701	14943	15 G. Eri	Eridanus	200.0000	0.213		
740	HIP 11108	35.74011	-18.35498	6.228	G8/K0III	697	14830	240 G. Ce	Cetus	387.6336	0.942		
741	HIP 11121	35.77749(	-37.57614	6.496	K2III	700	14890		Fornax	1172.661	1.592		
742	HIP 11174	35.96560	55.36486	6.291	F8Ib-II	690	14662	V440 Per	Perseus	2012.346	0.845	6.18	6.32
743	HIP 11212	36.08381	-25.84746	6.429	K3III	703	14988		Fornax	536.1854	1.321		
744	HIP 1122(	36.10381(	50.00654	5.19	G8III	694	14770	64 And	Andromec	375.1446	0.979		
745	HIP 11231	36.14117	-40.84045	6.18	G1V	706	15064		Phoenix	101.7159	0.653		
746	HIP 11249	36.20440(	10.61055	5.478	B7IV	702	14951	ξ Arietis	Aries	602.5883	-0.098		
747	HIP 11258	36.22462	-60.31194	5.355	F2II/III	714	15233	λ Horolog	Horologiu	159.8039	0.395		
748	HIP 11261	36.24328(	-2.780028	6.335	B9.5III/IV	704	15004	71 Cet	Cetus	645.5454	-0.011	6.31	6.65
749	HIP 11279	36.31678	56.60982(	6.26	B2Ia	696	14818	10 Per	Perseus	3543.490	0.249		
750	HIP 11293	36.36022	-66.49402	6.44	M5III	722	15379	TZ Hor	Horologiu	920.9046	1.511	6.41	6.52

751		HIP 11313	36.40592	50.27862	4.71	K4.5III	699	14872	65 And	Andromec	344.6081	1.532		
752		HIP 11345	36.48752	-12.29047	4.866	A0V	708	15130	ρ Ceti	Cetus	528.3646	-0.027		
753		HIP 11348	36.50144	-15.34124	5.83	A3VpSrCrI	710	15144	AB Cet	Cetus	213.9108	0.116	5.71	5.88
754		HIP 11381	36.64673	-20.04261	5.881	K2III	713	15220	250 G. Cet	Cetus	284.2199	1.247		
755		HIP 11407	36.74634	-47.70384	4.25	B7IV	721	15371	κ Eridani	Eridanus	528.3646	-0.136		
756		HIP 11415	36.78015	27.01239	6.108	K5III	711	15152		Aries	463.7286	1.461		
757		HIP 11432	36.86571	31.80127	5.552	K1III:	712	15176	11 Tri	Triangulu	286.2160	1.114		
758		HIP 11465	36.96574	50.56997	6.156	F4V	709	15138	66 And	Andromec	173.0362	0.435		
759		HIP 11477	37.00709	-33.81103	5.123	A2.5V	724	15427	ϕ Fornacis	Fornax	152.6932	0.089		
760		HIP 11479	37.01827	-64.29976	6.349	A0V	734	15646		Horologiu	384.8887	-0.025		
761		HIP 11484	37.03982	8.460060	4.3	B9III	718	15318	ξ 2 Ceti	Cetus	175.9308	-0.053		
762		HIP 11486	37.04158	29.66932	5.29	F0III	717	15257	12 Tri	Triangulu	155.1643	0.311		
763		HIP 11524	37.14763	-31.10244	6.105	K2IIICNII	727	15471		Fornax	370.4534	1.106		
764		HIP 11548	37.20206	29.93175	5.901	G0V	720	15335	13 Tri	Triangulu	100.3695	0.591		
765		HIP 11569	37.26632	67.40238	4.61	knA2h(eA	707	15089A	* iot Cas A	Cassiopeia	141.4931	0.153	4.45	4.53
766		HIP 11578	37.30700	23.46902	6.19	kA7IVmF2	723	15385		Aries	264.3958	0.155		
767		HIP 11603	37.39732	9.565627	6.111	K2III	725	15453	254 G. Cet	Cetus	285.9650	1.022		
768		HIP 11651	37.56919	33.83372	6.252	K1III	726	15464		Triangulu	370.8772	1.079		
769		HIP 1167(	37.63480	25.23502	5.879	F6IV	728	15524		Aries	166.4116	0.412		
770		HIP 11671	37.63664	-22.54531	6.148	M0III	735	15652	258 G. Cet	Cetus	447.8035	1.581		
771		HIP 11678	37.66007	19.85530	6.13	A9V	729	15550	26 Ari	Aries	225.7619	0.247	6.1	6.15
772		HIP 11687	37.68834	0.255751	5.99	A3V	732	15633	256 G. Cet	Cetus	274.6420	0.168		
773		HIP 11698	37.72665	17.70385	6.225	G8III-IVFe	731	15596	27 Ari	Aries	313.4614	0.908		
774		HIP 11738	37.87539	2.267182	5.269	K2III	737	15694	259 G. Cet	Cetus	475.9112	1.271		
775		HIP 11757	37.91884	-79.10941	5.275	G8III	776	16522	μ Hydri	Hydrus	291.5921	0.981		
776	Polaris	HIP 11767	37.95456	89.26410	2.02	F8Ib	424	8890	α Ursae M	UrsaMino	447.5933	0.636	1.86	2.13
777		HIP 11783	38.02161	-15.24490	4.75	F5V	740	15798	σ Ceti	Cetus	84.17256	0.454		
778		HIP 11784	38.02570	36.14727	5.144	K5III	736	15656	14 Tri	Triangulu	391.3566	1.472		
779		HIP 11791	38.03926	-1.034893	5.358	K1III	739	15779	75 Cet	Cetus	265.8175	1.02		
780		HIP 11802	38.06149	-36.42728	6.276	K0III	742	15889		Fornax	420.6444	1.027		

781	HIP 1184(	38.21924{	34.54238:	5.826	K0III	738	15755		Triangulur	259.96812	1.083
782	HIP 11843	38.22559:	15.03453!	5.988	F8V	741	15814	29 Ari	Aries	93.57049:	0.572
783	HIP 11867	38.27927-	-34.64996	5.889	K0/1III	744	15975	λ 1 Fornac	Fornax	379.95312	1.064
784	HIP 11907	38.41759'	-20.00192	6.189	K1III	745	15996	263 G. Cet	Cetus	365.06143	1.1
785	HIP 11918	38.46125(	-28.23233	4.96	B9.5IV	749	16046	ω Fornaci	Fornax	453.40747	-0.05
786	HIP 11925	38.47751'	-51.09354	6.242	F6V	755	16170		Horologiu	174.14534	0.509
787	HIP 12002	38.67759{	-7.859445	5.731	K2III	752	16074	77 Cet	Cetus	548.82118	1.393
788	HIP 12022	38.76722:	7.4709898	6.163	G6III:	751	16060	264 G. Cet	Cetus	383.07946	1.053
789	HIP 12057	38.86625!	39.66437!	6.345	B9.5IIIpHg	746	16004		Andromed	580.07155	-0.095
790	HIP 12072	38.91142:	37.31225!	5.71	K4III	748	16028		Andromed	676.34917	1.389
791	HIP 12086	38.94508{	34.68754!	5.374	M3III	750	16058	15 Tri	Triangulur	678.43263	1.652
792	HIP 12093	38.96864:	5.59324	4.871	G8III	754	16161	ν Ceti	Cetus	371.72161	0.88
793	HIP 12107	39.00019!	-7.831596	5.535	M0/1III	759	16212	80 Cet	Cetus	516.64171	1.607
794	HIP 12122	39.03860:	-30.04497	5.729	G8/K0III	767	16307	ι 1 Fornac	Fornax	649.40200	1.017
795	HIP 12148	39.14612-	7.7300279	5.811	K0III:	766	16247	272 G. Cet	Cetus	291.59209	1.04
796	HIP 12153	39.15799!	12.44763:	5.64	F7V	763	16234	31 Ari	Aries	114.78886	0.516
797	HIP 12160	39.17929!	31.60766(	6.075	K0	757	16187		Triangulur	452.14910	1.052
798	HIP 12186	39.24419{	-34.57797	5.79	G1V	772	16417	λ 2 Fornac	Fornax	83.300358	0.653
799	HIP 12189	39.25218:	24.64721!	6.48	F5V	765	16246	30 Ari A	Aries	130.81861	0.51
800	HIP 12200	39.27737:	32.89108!	6.226	F8V	761	16220		Triangulur	180.01105	0.515
801	HIP 12225	39.35145:	-52.54310	5.293	A6V	778	16555	η Horolog	Horologiu	144.95333	0.289
802	HIP 12239	39.40028'	65.74533!	5.781	K5III	747	16024		Cassiopeia	815.00028	1.561
803	HIP 12247	39.42417!	-3.396173	5.647	K0III	771	16400	81 Cet	Cetus	316.95886	1.02
804	HIP 12272	39.50312'	7.6952783	6.39	F5IV	770	16399	276 G. Cet	Cetus	269.19914	0.431
805	HIP 12273	39.50847:	72.81825:	5.166	G8III	743	15920		Cassiopeia	256.08808	0.896
806	HIP 12287	39.57429-	37.72671:	6.191	F6III	768	16327		Andromed	269.86777	0.49
807	HIP 12288	39.57775!	-30.19406	5.829	F6VFe-0.7	777	16538	ι 2 Fornac	Fornax	116.47005	0.476
808	HIP 12300	39.60348(	-37.99054	6.483	F6V	780	16589		Fornax	174.23857	0.521
809	HIP 12305	39.61648:	38.08914:	6.287	B9.5V	769	16350		Andromed	734.23375	-0.029
810	HIP 12318	39.65333{	3.4431993	6.24	binary	775	16467A		Cetus	436.99662	0.999

811		HIP 12318	39.653345	3.443201	6.237	K0III	775	16467	279 G. Cet	Cetus	436.9966	0.999		
812		HIP 12332	39.704135	21.96140	5.451	A7V	773	16432	ν Arietis	Aries	346.4403	0.168		
813		HIP 12387	39.870653	0.328508	4.07	B2IV	779	16582	δ Ceti	Cetus	646.8265	-0.212	4.05	4.1
814		HIP 12390	39.890822	-11.8720	4.87	F5V	781	16620	ϵ Ceti	Cetus	88.13183	0.447		
815		HIP 12394	39.897340	-68.2669	4.096	B9Va	806	16978	ϵ Hydri	Hydrus	153.2676	-0.061		
816		HIP 12413	39.949897	-42.8918	4.75	A1Vb	789	16754		Eridanus	129.6222	0.061		
817		HIP 12444	40.051754	-9.45287	5.79	F8VFe-0.4	784	16673	286 G. Cet	Cetus	70.22823	0.524		
818		HIP 12447	40.065382	6.111950	6.26	F3V:	783	16647	285 G. Cet	Cetus	129.1602	0.397		
819		HIP 12484	40.165055	-54.5499	5.21	F6V	802	16920	ζ Horologi	Horologiu	159.1020	0.411		
820		HIP 12486	40.166811	-39.8553	4.116	K0IIIb	794	16815	ι Eridani	Eridanus	145.4058	1.006		
821		HIP 12489	40.171150	27.06094	5.296	A2/3V	782	16628	33 Ari	Aries	233.3573	0.081		
822		HIP 12530	40.308321	-0.69566	5.71	F7V	790	16765	84 Cet	Cetus	70.50174	0.511		
823		HIP 12530	40.308330	-0.69565	5.77	binary	790	16765A	* 84 Cet A	Cetus	70.50174	0.511		
824		HIP 12562	40.392144	-14.5493	5.974	F5V	796	16825	290 G. Cet	Cetus	160.6704	0.429		
825		HIP 12584	40.451363	-3.21380	6.049	K0III	795	16824	289 G. Cet	Cetus	726.0576	1.175		
826		HIP 12608	40.527530	-38.3836	5.988	G8III	805	16975		Fornax	379.5097	0.917		
827		HIP 12611	40.535182	-46.5244	6.094	K1III	807	17006	20 G. Eri	Eridanus	133.2245	0.876		
828		HIP 12623	40.562144	40.19395	4.92	F9V	788	16739	12 Per	Perseus	80.45420	0.582		
829		HIP 12640	40.591395	20.01146	5.74	A0V	793	16811	μ Arietis	Aries	338.1729	-0.017		
830		HIP 12647	40.620571	10.74172	6.31	A2V	797	16861	85 Cet	Aries	425.5866	0.064		
831		HIP 12653	40.639444	-50.8002	5.4	F8V	810	17051	ι Horologi	Horologiu	56.22937	0.561		
832		HIP 12686	40.748013	53.52610	5.835	G8III	787	16735		Perseus	412.6574	1.125		
833		HIP 12690	40.757736	48.26524	6.28	G5II	792	16780		Perseus	1387.234	1.14		
834		HIP 12692	40.761825	55.10601	5.753	B8IV	785	16727	11 Per	Perseus	420.1033	-0.11		
835		HIP 12706	40.824883	3.236473	6.12	F4V	804	16970	* gam Cet	Cetus	81.95087	0.093		
836		HIP 12706	40.825162	3.235816	3.47	A2Vn+F4V	804	16970	γ Ceti	Cetus	81.95087	0.093		
837	Kaffaljidhı	HIP 12706	40.825171	3.235824	3.54	A2Vn	804	16970A	* gam Cet	Cetus	81.95087	0.093		
838		HIP 12708	40.834312	-40.5279	6.36	B9.5V	814	17098	21 G. Eri	Eridanus	547.8986	-0.022		
839		HIP 12717	40.860895	-66.7142	6.46	~	823	17326A		Horologiu	177.5598	0.542		
840		HIP 12719	40.862976	27.70714	4.67	B3V	801	16908	35 Ari	Aries	369.6156	-0.122		

841		HIP 1272(	40.87048	-2.531424	6.48	G8IV		17001	293 G. Ce	Cetus	474.5257	0.981	
842		HIP 12744	40.96351	25.63834	6.39	A3V	803	16955		Aries	351.6726	0.089	
843		HIP 12768	41.02150(	44.29703	5.435	G0Ib-IIaCa	800	16901	14 Per	Perseus	692.1438	0.904	
844		HIP 1277(	41.03061	-13.85868	4.236	B8IV	811	17081	π Ceti	Cetus	440.5402	-0.122	
845		HIP 12775	41.04405(	-52.57059	6.151	A2V	821	17254		Horologiu	404.4650	0.088	
846		HIP 12777	41.04994	49.22844	4.11	F8V	799	16895	θ Persei	Perseus	36.61697	0.514	
847		HIP 12784	41.07963(	17.76392(	6.398	K2III	808	17017	36 Ari	Aries	413.1823	1.143	
848		HIP 12786	41.08557	-32.52471	6.204	A1V	817	17168		Fornax	349.0352	0.04	
849		HIP 12803	41.13738	15.31185	5.777	B9Vn	809	17036	ο Arietis	Aries	482.2486	-0.024	
850		HIP 12821	41.20707(	67.82463	5.945	A5III	791	16769		Cassiopeia	406.4830	0.136	
851		HIP 12828	41.23557	10.11414	4.26	A9IIIp	813	17094	μ Ceti	Cetus	84.21592(	0.311	
852		HIP 12832	41.23992	12.44575(	5.17	A7III	812	17093	38 Ari	Aries	124.6653(	0.234	5.18 5.22
853		HIP 12843	41.27582	-18.57262	4.46	F7V	818	17206	τ 1 Eridan	Eridanus	45.55622	0.481	
854		HIP 12862	41.33711(	4.711631	6.031	kA8hA9m	816	17163	297 G. Ce	Cetus	167.1796	0.312	
855		HIP 12871	41.36448	-63.70455	5.743	G8III/IV	833	17504	γ Horolog	Horologiu	178.8260	0.932	
856		HIP 12876	41.38597(	-67.61661	4.82	A2IV/V	837	17566	ζ Hydri	Hydrus	294.7559	0.058	
857		HIP 12964	41.68793	-21.63952	6.469	F3IV/V	826	17390	26 G. Eri	Eridanus	146.9794	0.387	
858		HIP 12982	41.74301(	35.98352(	6.25	G8III	819	17228		Perseus	411.0959	0.935	
859		HIP 1299(	41.76489	35.55468	6.38	~	820	17240A		Perseus	153.4841(	0.385	
860		HIP 1299(	41.76489	35.55467	6.25	A9V	820	17240		Perseus	153.4841(	0.385	
861		HIP 13008	41.79627	-22.48576	6.461	F5V_Fe-1.	827	17438	27 G. Eri	Eridanus	124.5225	0.398	
862		HIP 1303(	41.87981(	44.27219	6.47	F5		17245		Perseus	1884.394	0.637	
863		HIP 13055	41.94885	81.44847	5.781	K1Ba5	774	16458		Cepheus	498.4704	1.3	
864	Lilii Borea	HIP 13061	41.97725	29.24711	4.51	K0.5IIIb	824	17361		Aries	180.5095	1.112	
865		HIP 13108	42.13370	18.28379	5.83	K1III	828	17459	40 Ari	Aries	501.5381	1.216	
866		HIP 13121	42.19126	25.18805	5.89	A0V	830	17471		Aries	460.4523	-0.033	5.82 5.89
867		HIP 13133	42.23129	69.63428	6.26	A3V	815	17138	RZ Cas	Cassiopeia	203.8775	0.151	6.18 7.72
868		HIP 13141	42.25619	-62.80652	5.253	A2V	852	17848	ν Horolog	Horologiu	165.2305	0.101	
869		HIP 13147	42.27257	-32.40589	4.46	G9IIIb	841	17652	β Fornacis	Fornax	168.8243(	0.981	
870		HIP 13165	42.32316(	17.46431	5.34	B6	836	17543	* pi. Ari A	Aries	602.5883	-0.066	

871		HIP 13176	42.36213(	37.32641(	6.448	F6III-IV	831	17484		Perseus	379.0696(	0.422			
872		HIP 13178	42.37807(	57.08431!	6.26	A5Ia	825	17378	V480 Per	Perseus	7532.482!	0.786	6.23	6.3	
873		HIP 13197	42.46234(	-24.56031	6.146	K0III	844	17713	γ 1 Fornac	Fornax	363.0304!	0.998			
874		HIP 13202	42.47576(	-27.94198	5.377	A1V	845	17729	γ 2 Fornac	Fornax	554.4218(	0.013			
875		HIP 13209	42.49597:	27.26050:	3.594	B8Vn	838	17573	41 Ari	Aries	159.4133!	-0.1			
876		HIP 13225	42.56159{	-35.84361	5.92	K0III	848	17793	η 2 Fornac	Fornax	499.9994:	0.899			
877		HIP 13244	42.61858:	-75.06694	4.742	K3III	872	18293	ν Hydri	Hydrus	328.6276:	1.337			
878		HIP 13257	42.64704(	36.94832:	6.44	G0		17605		Perseus	198.0558:	0.617			
879		HIP 13265	42.66836:	-35.67584	5.472	K2III	851	17829	η 3 Fornac	Fornax	530.9433-	1.259			
880	Miram	HIP 13268	42.67420{	55.89549-	3.79	K3-Ib-IIa	834	17506	η Persei	Perseus	1330.611{	1.69			
881		HIP 13271	42.69919-	-39.93222	6.362	A0V	853	17864	31 G. Eri	Eridanus	325.3494:	0.04			
882		HIP 13275	42.72011!	35.39390(	6.49	K2	526	17624		Perseus	441.7334(	1.476			
883	Angetena	HIP 13288	42.75969(	-21.00401	4.77	K0III	850	17824	τ 2 Eridan	Eridanus	258.1157!	1.614	3.57	3.72	
884			42.855	60.419	6.5	Open Cluster			IC 1848	Cassiopeia					
885		HIP 13327	42.87327(	15.08206:	5.516	B7V	847	17769	σ Arietis	Aries	479.4124!	-0.099			
886		HIP 13328	42.87848{	35.05973!	4.53	K5.5III	843	17709	17 Per	Perseus	409.0355!	1.554			
887		HIP 13339	42.92387-	46.84194:	5.859	G8III	842	17656		Perseus	397.0779:	0.903			
888		HIP 13347	42.94116(	58.31429:	6.443	A1m	839	17581		Cassiopeia	284.9651(	0.104			
889		HIP 13363	42.98435!	-30.81451	6.382	F6V	858	17926		Fornax	104.5540!	0.484			
890		HIP 13367	42.99479(	68.88850:	5.8	F5.5III+	829	17463	SU Cas	Cassiopeia	1411.254!	0.7	5.7	6.18	
891		HIP 13387	43.07926{	-62.90959	6.019	K1III	866	18185		Horologiu	553.4797:	1.249			
892		HIP 13402	43.13386:	-12.76971	6.05	K1V	857	17925		Eridanus	33.842058	0.862	6.03	6.08	
893		HIP 13421	43.21141:	-9.441234	6.325	A4V	859	17943	33 G. Eri	Eridanus	327.9691-	0.196			
894		HIP 13429	43.22766:	-65.45529	6.46	K0/1III		18292		Horologiu	463.0668(	1.008			
895		HIP 13448	43.29872!	16.48346(	6.3	F5III	856	17918		Aries	351.6726:	0.457			
896		HIP 13462	43.33779-	48.56995{	6.21	G8II	849	17818		Perseus	5174.599{	1.18			
897		HIP 13473	43.39332(	-38.43700	5.926	F5V	863	18149	ψ Fornaci:	Fornax	193.7017(	0.437			
898		HIP 13479	43.39717(	-22.37631	5.931	G8/K0III	862	18071	35 G. Eri	Eridanus	303.8210:	1.041			
899		HIP 13487	43.41871(	64.45198:	6.408	B5IV		17706		Cassiopeia	851.1765:	0.323			
900		HIP 13490	43.42757:	38.337458	5.343	F6V	855	17904	20 Per	Perseus	235.0398:	0.423			

901		HIP 13518	43.52695	-50.87140	6.198	K4III	871	18265		Horologiu	1112.628	1.571	
902		HIP 13531	43.56449	52.76246	3.96	G8III+A7V	854	17878	τ Persei	Perseus	247.9087	0.758	3.94	4.07
903		HIP 13654	43.95207	18.33163	5.93	M6-III:	867	18191	ρ 2 Arietis	Aries	403.4642	1.452	5.45	6.01
904		HIP 13665	43.98717	61.52113	5.584	F5V	860	17948		Cassiopeia	86.28896	0.445		
905		HIP 13679	44.05736	8.381562	5.963	F6III-IVs	870	18262	305 G. Cet	Cetus	145.1469	0.478		
906		HIP 13700	44.10271	64.33244	6.167	K3Ib	861	17958		Cassiopeia	1278.432	1.994		
907	Azha	HIP 13701	44.10687	-8.898143	3.87	K1+IIIb	874	18322	η Eridani	Eridanus	133.1156	1.088		
908		HIP 13702	44.10904	18.02324	5.58	F6V	869	18256	ρ 3 Arietis	Aries	115.4392	0.471		
909		HIP 13713	44.13875	47.16400	6.03	K3III:	865	18155		Perseus	1952.095	1.305		
910		HIP 13717	44.15593	-3.712321	5.16	A1V	875	18331	40 G. Eri	Eridanus	188.6575	0.084		
911		HIP 13732	44.21107	51.26128	6.21	K5III	864	18153		Perseus	674.9473	1.567		
912		HIP 13756	44.26905	4.501025	6.21	M2III	877	18345	EH Cet	Cetus	556.3126	1.623		
913		HIP 13768	44.30375	-29.85527	6.281	A2/3(V)+(	884	18466		Fornax	471.0994	0.472		
914		HIP 13775	44.32200	31.93422	5.093	A2VspSiEu	873	18296	21 Per	Perseus	386.7143	-0.007	5.03	5.14
915		HIP 13782	44.34902	-23.86216	5.45	A5IV/V	883	18454	4 Eri	Eridanus	158.7147	0.238		
916		HIP 13789	44.38594	-38.19092	6.411	A0Vn	893	18546		Fornax	361.8210	-0.018		
917		HIP 13832	44.50969	38.61492	6.028	K3III	876	18339		Perseus	1164.286	1.403		
918		HIP 13835	44.52388	-23.60601	5.809	K2III	889	18535	6 Eri	Eridanus	653.3074	1.334		
919		HIP 13843	44.55228	-12.00582	6.5	K0III		18511		Eridanus	417.9484	1.031		
920	Acamar	HIP 13847	44.56531	-40.30467	3.18	A3IV-V	897	18622	* tet01 Er	Eridanus	161.2266	0.128		
921		HIP 13847	44.56834	-40.30469	4.11	A1V	898	18623	* tet02 Er	Eridanus	161.2266	0.128		
922		HIP 13874	44.67531	-2.782897	5.23	A0V	892	18543	43 G. Eri	Eridanus	319.6078	0.014		
923		HIP 13879	44.69029	39.66272	4.7	A2Vn	879	18411	π Persei	Perseus	325.3494	0.065		
924		HIP 13883	44.69709	-9.776499	6.15	A2II/III	895	18557	45 G. Eri	Eridanus	293.4294	0.221		
925		HIP 13884	44.69915	-64.07128	4.969	A3/5III(m)	909	18866	β Horolog	Horologiu	313.4614	0.126		
926		HIP 13905	44.76532	35.18313	4.93	K2III	882	18449	24 Per	Perseus	350.1599	1.235		
927		HIP 13907	44.77706	-28.90721	6.131	K1III	900	18650		Fornax	339.2291	1.044		
928		HIP 13914	44.80282	21.34007	5.57	A3IVs	887	18519	* eps Ari E	Aries	292.3767	0.048		
929		HIP 13914	44.80302	21.34043	4.63	A2IV+A3IV	887	18519	ϵ Arietis	Aries	292.3767	0.048		
930		HIP 13914	44.80302	21.34042	5.16	A2IV	888	18520	* eps Ari A	Aries	292.3767	0.048		

931			44.825	60.4	5.9	Cluster			C 0255+6(	Cassiopeia					
932		HIP 13942	44.90076	-25.27413	5.686	F4V	901	18692	ζ Fornacis	Fornax	105.4333	0.427			
933		HIP 13947	44.90960	-32.50719	6.302	A0V	903	18735		Fornax	412.6574	0.002			
934		HIP 13949	44.91616(	41.03294(	5.877	K2	886	18482		Perseus	779.9031(	1.445			
935		HIP 13951	44.92150	-2.464956	5.55	B9V	899	18633	5 Eri	Eridanus	334.0164	-0.072			
936		HIP 13954	44.92871	8.907385	4.7	B6III	896	18604	λ Ceti	Cetus	423.9272	-0.109			
937		HIP 13965	44.95745	47.22071	5.485	G5:III:CN-	885	18474		Perseus	557.2645	0.869			
938		HIP 13997	45.04952	38.13172	6.11	B7IVe	894	18552		Perseus	1112.628(	-0.057			
939		HIP 14036	45.18392(	10.87039	5.931	K6	902	18700		Aries	441.1368	1.593			
940		HIP 14040	45.21200(	-2.878621	6.13	M0/1III	904	18760	7 Eri	Eridanus	781.7743	1.751	6.1	6.28	
941		HIP 14043	45.21754	52.35173	5.219	B7V	890	18537		Perseus	795.1207	-0.049			
942		HIP 14060	45.29177	-7.663009	5.75	G9.5III:	907	18784	ρ 1 Eridan	Eridanus	304.3885	1.043			
943		HIP 14086	45.40678(	-28.09149	5.85	G9:V	914	18907	ϵ Fornacis	Fornax	98.96775(	0.794			
944		HIP 14104	45.46789	5.336148	6.243	K0III	908	18832	309 G. Cet	Cetus	492.4459	1.041			
945		HIP 14109	45.47558	26.46235	5.909	kA2hA6m	905	18769	49 Ari	Aries	213.9108	0.141			
946		HIP 14110	45.48382	-9.961403	5.837	K1III	912	18885	53 G. Eri	Eridanus	282.2512	1.092			
947		HIP 14124	45.53863	-6.494533	6.194	G0V	913	18894	54 G. Eri	Eridanus	105.8098	0.598			
948		HIP 14131	45.56437(	-71.90245	5.499	B8III/IV	939	19400	θ Hydri	Hydrus	524.9612	-0.125			
949	Menkar	HIP 14135	45.56988	4.089738	2.53	M1.5IIIa	911	18884	α Ceti	Cetus	219.9731	1.63	2.45	2.54	
950		HIP 14143	45.59382	4.352886	5.607	B8V	910	18883	93 Cet	Cetus	445.3552(	-0.107			
951		HIP 14146	45.59791	-23.62447	4.09	A3IV-V	919	18978	τ 3 Eridan	Eridanus	86.12954	0.163			
952		HIP 14168	45.67620(	-7.685477	5.336	K0III	917	18953	ρ 2 Eridan	Eridanus	257.7076	0.941			
953		HIP 14187	45.73276	-46.97502	5.799	K2/3III	929	19141	58 G. Eri	Eridanus	821.1584	1.304			
954		HIP 14232	45.87572	28.26991(	6.36	F0V	916	18928		Aries	162.9185	0.306			
955		HIP 14240	45.90341	-59.73777	5.122	F0III/IV	934	19319	μ Horolog	Horologiu	137.7272	0.349			
956		HIP 14264	45.98642	47.84847	6.467	F0		18878	V509 Per	Perseus	363.4346	0.301	6.47	6.64	
957		HIP 14293	46.06882(	-7.600855	5.3	A5V	925	19107	ρ 3 Eridan	Eridanus	140.3961	0.193			
958		HIP 14315	46.15861(	1.863603	6.035	G8/K0III	926	19121	313 G. Cet	Cetus	337.8241	1.045			
959		HIP 14318	46.16934	15.85602	6.37	K3III	924	19080		Aries	630.5624	1.4			
960		HIP 14328	46.19925(	53.50646	2.93	G9III+A2-I	915	18925	γ Persei	Perseus	256.2895	0.716	3.63	4.18	

961		HIP 14354	46.29414	38.84027	3.39	M4+IIIa	921	19058	ρ Persei	Perseus	325.0250	1.528	3.3	4
962		HIP 14355	46.29707	-8.274245	6.31	K0III		19210	59 G. Eri	Eridanus	425.0324	1.02		
963		HIP 14365	46.33754	40.58217	6.05	K0III	923	19066		Perseus	408.0086	1.011		
964		HIP 14376	46.36120	25.25517	5.47	B7Vn	927	19134	52 Ari A	Aries	401.9744	-0.031		
965		HIP 14382	46.38504	56.70571	4.766	G9+IIIb	918	18970		Perseus	204.3886	1.018		
966		HIP 14392	46.41736	56.06896	6.105	K0III	920	18991		Perseus	246.2236	1.049		
967		HIP 14417	46.53266	79.41853	5.52	M2.5III	881	18438		Cepheus	695.0974	1.569		
968		HIP 14439	46.59869	13.18725	5.635	K3III	931	19270		Aries	319.2949	1.087		
969		HIP 14456	46.63955	-6.088549	5.256	M2/3II	935	19349	61 G. Eri	Eridanus	534.4250	1.575		
970		HIP 14502	46.82907	64.05763	5.877	B9V	922	19065		Cassiopeia	557.2645	-0.02		
971		HIP 14514	46.85697	17.87999	6.117	B1.5V	938	19374	53 Ari	Aries	754.6283	-0.123		
972		HIP 14521	46.88401	-78.98923	5.667	F0III	981	20313	BN Hyi	Hydrus	248.2865	0.298	5.7	5.72
973		HIP 14544	46.94726	47.30870	6.375	A3Vnn	933	19279	V521 Per	Perseus	245.8523	0.122	6.41	6.42
974		HIP 14547	46.95393	-69.26493	6.122	K1III	959	19940		Hydrus	300.1841	1.011		
975		HIP 14551	46.96187	-27.83115	6.17	A3V	943	19545		Fornax	187.8963	0.166		
976		HIP 14566	47.01605	52.21350	6.3	B5V	930	19268		Perseus	693.6173	-0.019		
977	Algol	HIP 14576	47.04221	40.95564	2.12	B8V	936	19356	β Persei	Perseus	90.00001	-0.003	2.12	3.39
978		HIP 14586	47.08795	18.79505	6.25	M0III	940	19460	54 Ari	Aries	569.9296	1.56		
979		HIP 14607	47.16163	8.471071	6.273	G9III	942	19525	314 G. Ce	Cetus	467.7188	1.026		
980		HIP 14626	47.22573	62.38459	6.498	B1V:e		19243	V801 Cas	Cassiopeia	2012.346	0.231		
981		HIP 14649	47.33388	20.76111	6.4	K2		19549		Aries	506.2129	1.241		
982	Misam	HIP 14668	47.37418	44.85745	3.81	G9.5IIIb	941	19476	κ Persei	Perseus	112.2203	0.98		
983		HIP 14677	47.40308	29.07708	5.74	B8III	944	19548	55 Ari	Aries	1128.028	0.115		
984		HIP 14719	47.53683	27.81976	6.412	A0V	945	19600		Aries	601.4767	0.014		
985		HIP 14748	47.61269	26.89623	6.022	K3III	946	19637		Aries	405.9777	1.278		
986		HIP 14749	47.61354	-48.73415	6.11	K1III	960	19948		Horologiu	387.6336	1.118		
987		HIP 14757	47.64742	-23.73851	6.377	G9III-IV	953	19826	65 G. Eri	Eridanus	274.4109	0.912		
988		HIP 14764	47.66163	11.87261	5.97	B8V	948	19698		Aries	522.4347	-0.061		
989		HIP 14791	47.75307	64.89626	6.5	A4V		19439		Cassiopeia	255.6864	0.163		
990		HIP 14797	47.77201	-13.26428	6.36	F6III		19850	66 G. Eri	Eridanus	1031.646	0.614		

991		HIP 14814	47.819705	-16.02496	6.243	K2III	957	19887	67 G. Eri	Eridanus	538.84232	1.167		
992		HIP 14817	47.82242	39.61158(	4.607	K0III	947	19656	ω Persei	Perseus	304.9581(	1.115		
993		HIP 14819	47.82822(	-3.811596	6.068	M1III	955	19836	64 G. Eri	Eridanus	783.6553(	1.67		
994		HIP 14821	47.84132(	13.04784	6.09	K0IIIp	952	19789		Aries	344.24632	1.038		
995	Botein	HIP 14838	47.90736(	19.72667	4.37	G9.5IIIb	951	19787	δ Arietis	Aries	167.69542	1.033		
996		HIP 14844	47.92780	81.47071	5.907	A7III-IV	906	18778		Cepheus	202.1080(	0.149		
997		HIP 14862	47.98445	74.39365	4.834	A2Vnn	932	19275		Cassiopeia	161.78667	0.035		
998	Dalim	HIP 14879	48.01887	-28.98762	3.98	F6V	963	20010	α Fornacis	Fornax	46.006103	0.543		
999		HIP 14887	48.03983	42.37591(	6.139	B5V	950	19736		Perseus	657.2586(	-0.099		
1000		HIP 14893	48.05935	27.25696	5.76	B6IV-V	954	19832	56 Ari	Aries	371.29781	-0.106	5.75	5.81
1001		HIP 14913	48.10727	-44.41966	5.93	A8V+F3V	968	20121	71 G. Eri	Eridanus	142.7945(	0.44		
1002			48.10731(	-44.41968	6.42	A8V	968	20121A		Eridanus	142.7945(	0.44		
1003		HIP 14915	48.10984	6.660885	5.568	K1IIIep+A(	958	19926	EL Cet	Cetus	779.9031(	1.011		
1004		HIP 14914	48.11008	47.72587	6.327	K5III	949	19735		Perseus	501.53812	1.425		
1005		HIP 1493(	48.13816(	-57.32154	5.71	C-N5IIIb:	977	20234	TW Hor	Horologiu	1314.5172	2.419	5.52	5.95
1006		HIP 14954	48.19348	-1.196098	5.07	F8.5V	962	19994	94 Cet	Cetus	72.993808	0.57		
1007		HIP 14972	48.25620	-35.94368	6.283	B8V	970	20144		Fornax	479.4125(	-0.076		
1008		HIP 15004	48.34946	48.17695	5.913	K0III	956	19845		Perseus	311.3659	0.972		
1009		HIP 15024	48.40810(	-29.80413	6.162	K1IICNIII	974	20176		Fornax	452.14911	1.041		
1010		HIP 15048	48.47868(	18.97333	6.5	K5		20043		Aries	1058.4408	1.487		
1011		HIP 1511(	48.72540	21.04444	4.869	A1V	972	20150	ζ Arietis	Aries	339.9366(	-0.007		
1012		HIP 15118	48.73582	42.50363	6.06	K1IVCN0.5	966	20063		Perseus	224.98277	1.093		
1013		HIP 15125	48.75113	-26.10045	6.24	A1V	980	20293		Fornax	547.8986(	0.038		
1014		HIP 15154	48.83516	30.55668	5.61	A1Vs	971	20149		Aries	433.51168	0.012		
1015		HIP 15191	48.94642	32.85671	6.304	F4Vwv	975	20193		Perseus	202.10799	0.366		
1016		HIP 15192	48.94987	57.14062	5.79	A0Ia	964	20041		Perseus	1613.8635	0.644		
1017	Zibal	HIP 15197	48.95844(	-8.819732	4.8	kA4hA9m	984	20320	ζ Eridani	Eridanus	119.94129	0.232		
1018		HIP 15201	48.99027	-77.38845	5.506	F5IV-V	1025	21024	ι Hydri	Hydrus	95.826105	0.438		
1019			49.00355	-5.918702	6.39	~	983	20319A		Eridanus	616.2575(	-0.018		
1020		HIP 15203	49.00356(	-5.918703	6.17	B9III	983	20319	74 G. Eri	Eridanus	616.2575(	-0.018		

1021	HIP 15204	49.00775	34.68850	6.229	A1m	976	20210	V423 Per	Perseus	217.9144	0.29	
1022	HIP 15209	49.01857	45.34613	6.18	M2III	973	20162		Perseus	918.3097	1.674	
1023	HIP 15219	49.05084	50.93768	5.03	G5Ib-IIa	969	20123		Perseus	833.7583	1.107	
1024	HIP 15230	49.09051	-5.73046	6.31	K4III		20356	75 G. Eri	Eridanus	1055.017	1.648	
1025	HIP 15241	49.14661	32.18402	5.994	G8IV	978	20277	V573 Per	Perseus	550.6761	0.988	
1026	HIP 15244	49.14893	-9.15460	6.143	F5VFe-0.7	988	20395	14 Eri	Eridanus	113.0767	0.407	
1027	HIP 15282	49.29774	40.48297	6.46	B9.5Vn+A	979	20283		Perseus	704.1048	-0.027	
1028	HIP 15305	49.36079	-47.7516	5.833	K2III	998	20640		Horologiu	473.1500	1.228	
1029	HIP 15323	49.41686	31.12704	6.399	F8V		20367		Aries	88.44283	0.574	
1030	HIP 15334	49.44064	39.28337	5.967	A2IV	986	20346		Perseus	607.0774	0.056	
1031	HIP 15330	49.44234	-62.5753	5.54	G2.5VHde	1006	20766	ζ 1 Reticu	Reticulum	39.51023	0.641	
1032	HIP 15338	49.44730	44.02502	5.476	B8V	982	20315	30 Per	Perseus	644.2674	-0.06	
1033	HIP 15353	49.49614	-66.9268	6.022	A3V	1014	20888		Reticulum	189.0950	0.133	
1034	HIP 15357	49.51079	-28.7970	5.93	F3V+A8/9	993	20606		Fornax	201.9828	0.337	
1035	HIP 15371	49.55341	-62.5063	5.228	G1V	1010	20807	ζ 2 Reticu	Reticulum	39.37689	0.6	
1036	HIP 15382	49.59212	-22.5111	4.875	K0III	994	20610	15 Eri	Eridanus	254.8867	0.904	
1037	HIP 15383	49.59344	-0.93028	5.48	~	992	20559A	* 95 Cet A	Cetus	222.0709	1.05	
1038	HIP 15404	49.65725	50.22217	5.157	B3V	987	20365	29 Per	Perseus	527.5072	-0.073	
1039		49.67145	-18.5597	5.84	~	997	20631A		Eridanus	119.2827	0.381	
1040	HIP 15416	49.68261	34.22265	4.82	K2IIbCN0.	991	20468		Perseus	1475.114	1.491	
1041	HIP 15444	49.78183	50.09496	5.032	B5V	989	20418	31 Per	Perseus	480.8273	-0.067	
1042	HIP 15457	49.84040	3.370198	4.85	G5V	996	20630	κ 1 Ceti	Cetus	29.85895	0.681	
1043	HIP 15474	49.87916	-21.7578	3.7	M3III-IIIaC	1003	20720	τ 4 Eridan	Eridanus	300.0000	1.61	
1044	HIP 15479	49.89544	-24.1229	5.622	M1III	1004	20729	AI For	Fornax	1172.661	1.663	
1045	HIP 15510	49.98187	-43.0697	4.27	G6V	1008	20794	82 G. Eri[3	Eridanus	19.7650	0.711	
1046	HIP 15514	49.98248	27.07113	5.918	G7IV	995	20618	59 Ari	Aries	205.2897	0.86	
1047	HIP 15520	49.99695	65.65230	4.85	B2.5Vn(e)	985	20336	BK Cam	Camelopa	800.9822	-0.108	4.78 4.89
1048	HIP 15547	50.08222	77.73476	5.444	A6V	961	19978		Cepheus	263.7539	0.211	
1049	HIP 15549	50.08484	29.04845	4.47	K3IIIaBa0.	999	20644		Aries	640.4728	1.555	
1050	HIP 15557	50.10653	25.66275	6.127	K3III:	1000	20663	60 Ari	Aries	288.7513	1.241	

1051		HIP 15585	50.18834	-26.60650	6.404	F7V	1013	20853		Fornax	158.3294	0.542	
1052		HIP 15619	50.27834	3.675622	5.69	G9IIIBa0.2	1007	20791	κ 2 Ceti	Cetus	290.2939	0.964	
1053		HIP 15627	50.30676	21.14706	5.355	B5IV	1005	20756	τ 1 Arietis	Aries	461.7563	-0.067	
1054		HIP 15643	50.35002	-23.63515	5.496	G7IIbCN-1	1016	20894	83 G. Eri	Eridanus	420.6444	0.885	
1055		HIP 15648	50.36066	43.32965	4.946	A3V	1002	20677	32 Per	Perseus	155.2379	0.051	
1056		HIP 15655	50.38930	-47.77666	6.396	K0III	1021	21011		Horologiu	453.4074	0.989	
1057		HIP 15696	50.54955	27.60755	5.52	G5III	1012	20825	62 Ari	Aries	973.1331	1.1	
1058		HIP 15700	50.56785	-25.58780	6.353	A1V	1018	20980		Fornax	449.6552	0.01	
1059		HIP 15737	50.68850	20.74206	5.13	K3III	1015	20893	τ 2 Arietis	Aries	318.6706	1.231	
1060		HIP 15770	50.80498	49.21327	5.3	B5V	1011	20809	V575 Per	Perseus	624.5216	-0.076	
1061		HIP 15776	50.82375	-7.794098	6.23	G5/6V	1024	21019	86 G. Eri	Eridanus	120.3396	0.702	
1062		HIP 15800	50.90127	0.910084	6.472	K1III		21032	2 G. Tau	Taurus	369.1951	1.154	
1063		HIP 15807	50.91245	4.882102	6.5	G2III:CH-1	1023	21018	1 G. Tau	Taurus	1116.439	0.851	
1064		HIP 15816	50.93591	-32.70708	6.499	K3III	1031	21149		Fornax	644.2675	1.372	
1065		HIP 15840	51.00963	-69.62460	6.131	A3/5V+G0	1053	21563		Hydrus	594.8915	0.482	
1066		HIP 15850	51.04220	12.62959	6.046	K0III-IV	1028	21051		Taurus	461.7563	1.227	
1067		HIP 15861	51.07699	24.72409	5.503	K4III	1022	21017	64 Ari	Aries	229.9014	1.19	
1068	Mirfak	HIP 15863	51.08070	49.86117	1.79	F5Ib	1017	20902	α Persei	Perseus	591.6510	0.481	
1069		HIP 15870	51.10881	20.80349	6.061	A1V	1027	21050	65 Ari	Aries	302.9740	-0.028	
1070		HIP 15876	51.12376	33.53592	5.8	A0V	1019	20995		Perseus	526.6564	-0.001	
1071		HIP 15890	51.16898	64.58599	5.19	M0II	1009	20797	CQ Cam	Camelopa	1249.043	2.038	
1072		HIP 15900	51.20332	9.028869	3.6	G6III	1030	21120	ο Tauri	Taurus	211.4136	0.887	
1073		HIP 15968	51.40105	-69.33643	5.946	F5V	1064	21722		Hydrus	128.0942	0.415	
1074		HIP 15987	51.48267	-35.92088	6.385	A1IV	1042	21423	χ 1 Fornac	Fornax	325.6744	0.082	
1075		HIP 15988	51.48909	49.12075	6.09	B7V	1029	21071	V576 Per	Perseus	602.5883	-0.073	
1076		HIP 16015	51.54910	-41.63693	6.326	A0V	1049	21473	89 G. Eri	Eridanus	441.1368	0.054	
1077		HIP 16029	51.59385	-27.31747	5.933	K0III	1045	21430		Fornax	433.5116	0.934	
1078		HIP 16042	51.64739	28.71506	6.37	K0IV		21242	UX Ari	Aries	163.7368	0.882	6.36 6.7
1079		HIP 16083	51.79225	9.732741	3.75	B9Vn	1038	21364	ξ Tauri	Taurus	222.0709	-0.082	
1080		HIP 16095	51.82781	12.73528	6.291	A0Vs	1039	21379		Taurus	340.2919	-0.025	

1081	HIP 16112	51.88925	-35.68132	5.702	K2III	1054	21574	χ 2 Fornac	Fornax	464.3871	1.284		
1082		51.99546	49.01952	4.989	~			Cl Melotte	Perseus				
1083	HIP 16142	52.00394	-11.28659	5.73	K2II/III	1050	21530	91 G. Eri	Eridanus	340.2919	1.102		
1084	HIP 16147	52.01279	49.06286	4.97	B5V	1034	21278		Perseus	569.9296	-0.091		
1085	HIP 16168	52.08625	33.80755	5.73	A2V	1041	21402		Perseus	342.7956	0.048		
1086	HIP 16177	52.09829	60.25567	6.49	B9V	1033	21203		Camelopa	857.8953	0.014		
1087	HIP 16181	52.11069	22.80400	6.03	G9IV	1048	21467	66 Ari	Aries	225.7619	0.951		
1088	HIP 16210	52.21803	49.84838	5.572	B6Vn	1037	21362		Perseus	553.4797	-0.054		
1089	HIP 16226	52.26584	3.248705	6.42	G6/8V		21585	5 G. Tau	Taurus	455.3080	0.79		
1090	HIP 16228	52.26722	59.94033	4.22	B9Ia	1035	21291	CS Cam	Camelopa	4289.476	0.419		
1091	HIP 16244	52.34187	49.50895	4.735	B3V	1044	21428	34 Per	Perseus	558.2197	-0.096		
1092	HIP 16245	52.34448	-62.93752	4.7	F3IV/V	1083	22001	κ Reticuli	Reticulum	69.88203	0.41		
1093	HIP 16252	52.35952	46.93786	6.217	B7Vne	1047	21455		Perseus	575.9704	0.131		
1094	HIP 16263	52.40011	-12.67473	5.576	A9VnkA5r	1062	21688	94 G. Eri	Eridanus	420.1032	0.171		
1095	HIP 16266	52.41307	-6.804454	5.988	K0III	1060	21665	93 G. Eri	Eridanus	373.8536	1.02		
1096	HIP 16281	52.47809	58.87874	4.54	A0Ia	1040	21389	CE Cam	Camelopa	2469.698	0.489	4.54	4.57
1097	HIP 16285	52.47978	-42.63425	5.753	A5V	1075	21882	99 G. Eri	Eridanus	203.2418	0.205		
1098	HIP 16290	52.49538	-78.35185	5.668	G8III	1109	22676		Mensa	306.6793	0.932		
1099	HIP 16292	52.50076	55.45180	5.09	A1Va	1046	21447		Camelopa	190.9783	0.022		
1100		52.54561	59.36595	6.414	~	1043	21427A		Camelopa	337.1264	0.095		
1101	HIP 16310	52.55658	-41.36993	6.112	F7V	1076	21899	100 G. Eri	Eridanus	111.1490	0.489		
1102	HIP 16319	52.58082	71.86389	6.41	M2III	1032	21179	V805 Cas	Cassiopeia	855.6427	1.772		
1103	HIP 16322	52.60195	11.33643	5.124	A0Vn	1061	21686	4 Tau	Taurus	416.8791	-0.041		
1104	HIP 16335	52.64368	47.99521	4.36	K3-III	1052	21552	σ Persei	Perseus	353.1950	1.367		
1105	HIP 16340	52.65396	48.10360	5.82	B8V	1051	21551		Perseus	869.3347	-0.033		
1106	HIP 16339	52.65397	-47.37512	5.968	A1V	1081	21981	TU Hor	Horologiu	370.0329	0.116	5.9	6.04
1107	HIP 16341	52.65440	-5.075147	4.725	B9III	1070	21790	17 Eri	Eridanus	380.3964	-0.092		
1108	HIP 16358	52.68925	6.188704	5.927	G8III	1067	21755	6 G. Tau	Taurus	516.6417	0.953		
1109	HIP 16368	52.71544	-66.48971	5.8	B8IV	1092	22252		Reticulum	851.1765	-0.055		
1110	HIP 16369	52.71823	12.93666	4.1	K0-III	1066	21754	5 Tau	Taurus	360.2203	1.112		

1111		HIP 16424	52.87225	49.20977	6.28	A0Vn	1056	21620		Perseus	467.7188	0.067		
1112		HIP 16425	52.87625	40.75994	6.49	A5		21684		Perseus	435.8295	0.243		
1113		HIP 16447	52.95432	49.40109	6.411	B9II-III	1059	21661		Perseus	2144.738	0.075		
1114		HIP 16449	52.97352	-25.6141	6.372	A3IV/V	1082	21997		Fornax	240.5903	0.12		
1115		HIP 1647C	53.03586	48.02348	5.461	B9III	1063	21699	V396 Per	Perseus	585.2777	-0.101	5.45	5.53
1116		HIP 16489	53.08389	84.91104	5.609	G5IIFe-1C	965	20084		Cepheus	355.1184	0.894		
1117		HIP 16499	53.10941	46.05686	5.32	F6III	1069	21770	36 Per	Perseus	118.7181	0.398		
1118		HIP 16509	53.14501	-50.3786	5.658	K2III	1090	22231		Horologiu	306.6793	1.101		
1119		HIP 16511	53.14976	9.373449	5.757	B9III	1079	21933	6 Tau	Taurus	355.1184	-0.072		
1120		HIP 16516	53.16240	44.85575	6.41	B2IV	1072	21803	KP Per	Perseus	1559.809	-0.007	6.37	6.51
1121		HIP 16518	53.16672	35.46172	5.9	B1V	1074	21856		Perseus	1638.192	-0.084		
1122		HIP 16531	53.21481	-61.0168	6.421	K0III	1096	22382		Reticulum	428.9476	1.037		
1123	Ran	HIP 16537	53.23268	-9.45826	3.73	K2V	1084	22049	ϵ Eridani	Eridanus	10.49073	0.881	3.73	3.78
1124		HIP 16587	53.38419	58.76524	6.409	kA4hA5m	1068	21769		Camelopa	763.4661	0.168		
1125		HIP 16591	53.39597	39.89947	5.776	A3V	1078	21912	IW Per	Perseus	178.2395	0.139	5.79	5.84
1126		HIP 16599	53.41274	54.97486	5.969	A3V	1073	21819		Camelopa	221.6181	0.114		
1127		HIP 16602	53.42183	57.86873	6.38	F7V	1071	21794		Camelopa	234.3637	0.523		
1128		HIP 16611	53.44698	-21.6328	4.25	B9V	1088	22203	τ 5 Eridan	Eridanus	295.8258	-0.106		
1129		HIP 16628	53.48663	-31.0801	6.2	F4V+F6V	1093	22262		Fornax	138.4877	0.482		
1130		HIP 16641	53.53490	17.83282	6.16	K0.5IVFe-	1085	22072		Taurus	138.3114	0.891		
1131		HIP 16672	53.63995	-31.8748	6.43	K3III	1095	22322		Fornax	1381.357	1.404		
1132		HIP 16677	53.65613	-9.86825	6.239	A0V	1091	22243	104 G. Eri	Eridanus	518.2847	0.019		
1133		HIP 16695	53.70450	6.417694	6.482	G0	1089	22211	9 G. Tau	Taurus	438.7635	0.642		
1134		HIP 16697	53.71835	-25.5828	6.48	K0III		22333		Fornax	599.2664	0.985		
1135		HIP 16779	53.98852	-5.12495	6.5	K0III		22379	105 G. Eri	Eridanus	779.9031	1.091		
1136		HIP 16780	53.99027	-11.1937	5.58	K0III	1098	22409	106 G. Eri	Eridanus	379.0696	0.915		
1137		HIP 16803	54.07251	-17.4670	5.23	B8/9III	1100	22470	20 Eri	Eridanus	473.1500	-0.117	5.23	5.32
1138		HIP 16826	54.12241	48.19263	4.23	B5Ve	1087	22192	ψ Persei	Perseus	699.5701	-0.058	4.17	4.28
1139		HIP 16827	54.12559	-78.3230	6.298	K2III	1154	23474		Mensa	795.1208	1.15		
1140		HIP 16846	54.19704	0.587762	5.9	K2:Vnk	1099	22468	V711 Tau	Taurus	94.4379	0.885	5.71	5.94

1141		HIP 16852	54.21826	0.401664	4.3	F9IV-V	1101	22484	10 Tau	Taurus	44.72491	0.575		
1142		HIP 1687(	54.27365	-40.27466	4.58	K1III	1106	22663		Eridanus	219.0860	1.023		
1143		HIP 16924	54.44929	15.43055	6.42	A5IV	1102	22522		Taurus	241.1243	0.167		
1144		HIP 16938	54.50075	42.58284	6.402	B8Vn	1097	22402		Perseus	829.5170(	-0.064		
1145		HIP 16974	54.58222	56.93271	6.282	B9p	1094	22316	KZ Cam	Camelopa	557.2645	-0.099	6.28	6.3
1146		HIP 16989	54.62188	-7.391861	5.849	G8.5IIIb	1108	22675	109 G. Eri	Eridanus	390.4177	0.98		
1147		HIP 17007	54.69863	-27.94305	6.01	A0V	1114	22789	τ Fornacis	Fornax	417.4138(	-0.027		
1148		HIP 17026	54.75024	20.91577	6.493	A4III	1103	22615		Taurus	493.9390(	0.151		
1149		HIP 17027	54.75465	-5.626213	5.96	K0IV	1111	22713	21 Eri	Eridanus	114.6271(	0.921		
1150		HIP 17056	54.85451	75.73962	6.247	G9III-IV	1080	21970		Cassiopeia	428.9476(	0.973		
1151		HIP 17057	54.85586	-10.43727	6.182	G8/K0III	1117	22799	113 G. Eri	Eridanus	375.5749	1.031		
1152		HIP 17058	54.85730	16.53668	6.168	K0III	1110	22695		Taurus	402.9654	1		
1153		HIP 17086	54.90977	-3.393005	6.219	K0III	1116	22798	112 G. Eri	Eridanus	335.0466(	1.041		
1154		HIP 17103	54.96300	3.056866	5.555	K0III	1115	22796	12 Tau	Taurus	400.4911	0.931		
1155		HIP 1712(	54.99820	-1.121224	6.123	K0III	1119	22819	14 G. Tau	Taurus	421.1888	0.994		
1156		HIP 17136	55.04765	-15.22653	6.343	G8/K0III+(	1120	22905	114 G. Eri	Eridanus	644.2675(	0.881		
1157		HIP 17167	55.15972	-5.210709	5.53	B9IIIpSi42	1121	22920	22 Eri	Eridanus	739.2280	-0.145		
1158		HIP 17181	55.19295	25.32948	6.102	A2IV	1118	22805	11 Tau	Taurus	522.4347	0.097		
1159		HIP 17203	55.28273	37.58019	5.57	B7Vn	1113	22780		Perseus	806.9317	-0.062		
1160		HIP 17214	55.30748	-11.80238	6.485	F2III	1125	23010	117 G. Eri	Eridanus	299.6325(	0.377		
1161		HIP 17296	55.53885	63.21679	5.11	S3.5/2	1105	22649	BD Cam	Camelopa	519.9375	1.651	5.04	5.17
1162		HIP 17304	55.56209	-31.93836	4.973	B5III	1134	23227	δ Fornacis	Fornax	732.5841	-0.159		
1163		HIP 17309	55.57894	19.70025	5.69	B7Ve	1126	23016	13 Tau	Taurus	409.0355	-0.016		
1164		HIP 17313	55.59435	33.96502	4.972	B0.5V	1123	22951	40 Per	Perseus	923.5126(	-0.048		
1165		HIP 17342	55.67807	59.96938	5.78	K3.5IIIb+G	1112	22764		Camelopa	2202.704	1.736		
1166		HIP 17351	55.70856	-37.31351	4.583	K1.5IIIbCN	1143	23319		Eridanus	177.7535	1.191		
1167		HIP 17358	55.73122	47.78749	3.01	B5III	1122	22928	δ Persei	Perseus	527.5072	-0.125	2.99	3.04
1168	Rana	HIP 17378	55.81208	-9.763391	3.54	K0+IV	1136	23249	δ Eridani	Eridanus	29.48092(	0.915	3.51	3.56
1169		HIP 17395	55.89097	-10.48565	5.61	A5III-IV	1139	23281	122 G. Eri	Eridanus	139.9143	0.216		
1170		HIP 17408	55.94672	19.66503	6.14	G8III	1132	23183	14 Tau	Taurus	347.1770	0.994		

1171		HIP 17437	56.026783	48.523657	6.042	K4III	1127	23049		Perseus	827.4111(	1.552		
1172		HIP 1744(	56.04992	-64.80691	3.833	K2-IIIb	1175	23817	β Reticuli	Reticulum	99.663775	1.133		
1173	Atik	HIP 17448	56.07972	32.28824(	3.91	B1III	1131	23180	ο Persei	Perseus	1100.000	0.05		
1174		HIP 17453	56.11751	20.92873	6.074	A0Vp_lB	1137	23258		Taurus	243.4653	0.028		
1175		HIP 17457	56.12712	-1.163090	5.25	B7IV	1146	23363	24 Eri	Eridanus	653.3074	-0.088		
1176		HIP 1746(	56.13101	36.46009	5.588	kA2hA4m	1133	23193		Perseus	331.6366	0.062		
1177			56.14117	-54.27405	6.35	~	1168	23697A		Reticulum	254.4887	1.035		
1178		HIP 17464	56.14120(	-54.27402	6.3	K2III-IV	1168	23697		Reticulum	254.4887	1.035		
1179		HIP 17475	56.17042	46.09981	6.091	A7IV	1130	23139		Perseus	572.9354	0.291		
1180	Celaeno	HIP 17489	56.20089	24.28946	5.46	B7V	1140	23288		Taurus	334.3587	-0.034		
1181		HIP 17493	56.21034(	-48.06129	6.488	G8/K0III	1167	23670		Horologiu	507.7875	1.011		
1182	Electra	HIP 17499	56.21890	24.11333	3.7	B6IIIe	1142	23302		Taurus	370.4534	-0.105		
1183		HIP 1750(	56.23540	-0.296720	5.553	K3III	1150	23413	25 Eri	Eridanus	351.2944	1.411		
1184		HIP 17527	56.29058	24.83926	5.64	B8V	1144	23324	18 Tau	Taurus	367.5325	-0.064		
1185		HIP 1752(	56.29846	42.57853(	3.8	F4II	1135	23230	ν Persei	Perseus	556.3126(	0.425		
1186	Taygeta	HIP 17531	56.30208	24.46727	4.3	B6IV	1145	23338		Taurus	372.5724	-0.11		
1187		HIP 17534	56.31615(	-47.35947	5.708	K1III	1169	23719		Horologiu	365.0614	0.961		
1188		HIP 17543	56.34889	-71.65813	6.255	ApSi		24188	CT Hyi	Hydrus	463.0668(	-0.123		
1189		HIP 17558	56.40453	38.67626	6.443	K0		23301		Perseus	459.8035	1.195		
1190		HIP 17563	56.41851	6.049995	5.337	B3V	1153	23466	29 Tau	Taurus	588.4464	-0.099		
1191	Maia	HIP 17573	56.45670(	24.36774	3.87	B7III	1149	23408		Taurus	359.8226	-0.063		
1192	Asterope	HIP 17579	56.47698	24.55450	5.76	B8V	1151	23432		Taurus	386.7143(	-0.036		
1193		HIP 17584	56.49691(	45.68189	5.655	B6V	1141	23300		Perseus	1038.215	-0.08		
1194		HIP 17585	56.50391(	67.20160	5.782	F1IVnn	1124	23005		Camelopa	180.5095	0.347		
1195		HIP 17587	56.50971	63.345058	4.81	G2Ib/II+B	1129	23089		Camelopa	799.0197	0.747		
1196		HIP 17588	56.51208	24.52789(	6.421	A0Vn	1152	23441	Sterope II	Taurus	353.9643	-0.02		
1197		HIP 17593	56.53556	-12.10158	4.42	M1III	1162	23614	π Eridani	Eridanus	496.9513(	1.604	4.38	4.44
1198		HIP 17595	56.53901	6.803524(	5.922	G9III	1159	23526	18 G. Tau	Taurus	336.7776(	0.992		
1199	Merope	HIP 17608	56.58160	23.948358	4.18	B6IV(e)	1156	23480		Taurus	359.0304	-0.051	4.18	4.19
1200		HIP 17618	56.61428	-29.33815	5.904	A2V	1171	23738	σ Fornaci	Fornax	329.2927(	0.11		

1201		HIP 17651	56.71203(	-23.24972	4.2	F5IV-V		1173	23754	τ 6 Eridan	Eridanus	58.43355	0.434			
1202		HIP 17678	56.80975	-74.23896	3.26	M1III		1208	24512	γ Hydri	Hydrus	214.0513	1.59			
1203		-	56.83766(	24.11626	6.28	A0V	-		23629	* 24 Tau	Taurus		-0.02			
1204	Alcyone	HIP 17702	56.87115	24.10513	2.87	B7III		1165	23630	η Tauri	Taurus	367.5325	-0.086			
1205		HIP 17707	56.88394	55.92195	6.082	B9Vnn		1147	23383		Camelopa	431.2166	-0.02			
1206		HIP 17717	56.91520	-23.87467	5.235	A3Vs		1181	23878	τ 7 Eridan	Eridanus	272.1204	0.075			
1207		HIP 17732	56.95424	32.19541	6.252	G0		1164	23626		Perseus	181.9197	0.474			
1208		HIP 17734	56.95675	-36.10580	6.19	B7V		1186	23958	133 G. Eri	Eridanus	529.2220	-0.102			
1209		HIP 17738	56.98350	-30.16788	5.54	G6III		1184	23940	ρ Fornacis	Fornax	282.2512	0.973			
1210		HIP 17759	57.02724	24.98841	6.49	K5			23712		Taurus	737.5556	1.701			
1211		HIP 17771	57.06777	11.14329	5.07	B3V		1174	23793	30 Tau	Taurus	564.9907	-0.125			
1212		HIP 17772	57.07531(	50.73676	6.14	B8V		1160	23552		Perseus	593.8059	0.028			
1213		HIP 17776	57.08673(	23.42124	5.45	B8V		1172	23753		Taurus	338.1729	-0.067			
1214		HIP 17797	57.14782	-37.62200	5.25	A1Va		1189	24071	* f Eri B	Eridanus	161.1467	-0.038			
1215		HIP 17798	57.14876	-20.90297	5.801	K5III		1187	23978	132 G. Eri	Eridanus	829.5170	1.602			
1216		HIP 17797	57.14947	-37.62014	4.72	B9.5Van		1190	24072	* f Eri A	Eridanus	161.1467	-0.038			
1217		HIP 17797	57.14948	-37.62015	4.27	~		1189	24071		Eridanus	161.1467	-0.038			
1218		HIP 17805	57.16230	0.227860(	5.901	K2III		1182	23887	129 G. Eri	Eridanus	495.4419	1.224			
1219		HIP 17832	57.23725	23.85713	6.464	F0			23822	26 Tau	Taurus	242.5597	0.377			
1220		HIP 17846	57.28379(	43.96313	5.97	A9IV		1170	23728	V376 Per	Perseus	225.9183	0.279	5.77	5.91	
1221	Atlas	HIP 17847	57.29059(	24.05341	3.63	B8III		1178	23850		Taurus	380.3964	-0.07			
1222	Pleione	HIP 17851	57.29673	24.13671(	5.09	B8Vne		1180	23862		Taurus	387.1740	-0.082	4.77	5.5	
1223		HIP 17854	57.30724	70.87105(	5.391	kA2hA6Vr		1138	23277		Camelopa	325.3494	0.096			
1224		HIP 17858	57.33232(	57.11826	6.448	B9V		1161	23594		Camelopa	530.9433	0.061			
1225		HIP 17874	57.36352(	-36.20025	4.17	G7III		1195	24160		Eridanus	209.7813	0.927			
1226		HIP 17884	57.38032	65.52597	4.48	M2II		1155	23475	BE Cam	Camelopa	964.4974	1.87	4.35	4.48	
1227		HIP 17886	57.38618	33.09136	5.11	A3V		1177	23848	42 Per	Perseus	297.4454	0.057	5.05	5.18	
1228		HIP 17891	57.40244	63.29695	5.817	A5Vn		1158	23523		Camelopa	231.0418	0.189			
1229		HIP 17900	57.43138	23.71185	6.153	B8.5V		1183	23923		Taurus	379.9531	-0.046			
1230		HIP 17921	57.47945(	22.24414	6.07	B8III		1185	23950		Taurus	321.4990	-0.006			

1231	HIP 17932	57.51843	44.96786	5.657	G7III+F0IV	1176	23838		Perseus	346.4403	0.779		
1232	HIP 17950	57.56735	-1.522574	6.491	F5V		24098	134 G. Eri	Eridanus	146.7147	0.435		
1233	HIP 17954	57.57892	25.57937	5.234	A2IVp	1188	23985		Taurus	192.2171	0.231		
1234	HIP 17959	57.58962	71.33226	4.604	A2IVn	1148	23401	γ Camelo	Camelopa	335.0466	0.064		
1235	HIP 18033	57.81612	13.04607	6.38	B9pS	1194	24155	V766 Tau	Taurus	442.9363	-0.058	6.3	6.365
1236	HIP 18067	57.92406	68.50748	6.299	B9IVp	1166	23662		Camelopa	821.1584	-0.057		
1237	HIP 18081	57.97382	34.35911	5.772	B1V	1191	24131		Perseus	1034.919	-0.036		
1238	HIP 18089	58.00095	6.534898	6.26	~	1199	24263	* 31 Tau A	Taurus	704.1048	0.046		
1239	HIP 18094	58.01855	31.16859	6.212	A5V	1197	24167		Perseus	411.0959	0.206		
1240	HIP 18141	58.17353	-5.361227	5.475	B8III	1202	24388	30 Eri	Eridanus	502.3107	-0.09		
1241	HIP 18170	58.29185	17.32708	5.946	F4V	1201	24357		Taurus	135.0455	0.354		
1242	HIP 18173	58.30386	-18.43443	6.216	K0/1III+A2	1206	24497	147 G. Eri	Eridanus	698.0738	0.866		
1243	HIP 18199	58.38892	-46.89368	5.921	K2III	1216	24706		Horologiu	359.8226	1.22		
1244	HIP 18201	58.39366	25.68287	6.349	A2V		24368		Taurus	478.0074	0.11		
1245	HIP 18212	58.41123	48.65049	5.76	K0III	1198	24240		Perseus	430.0789	1.04		
1246	HIP 18213	58.41228	-34.73229	5.092	B6/7V	1214	24626		Eridanus	354.7337	-0.133		
1247	HIP 18216	58.42792	-24.61222	4.623	B6V	1213	24587	τ 8 Eridan	Eridanus	385.3419	-0.136	4.63	4.66
1248	HIP 18217	58.43035	57.97514	5.786	kA3hF0mI	1192	24141		Camelopa	170.3239	0.182		
1249	HIP 18246	58.53301	31.88363	2.85	B1Ib	1203	24398	ζ Persei	Perseus	750.0002	0.12		
1250	HIP 18255	58.57252	-2.952865	6.09	A1V	1211	24554	* 32 Eri B	Eridanus	344.6081	0.672		
1251	HIP 18255	58.57292	-2.954734	4.45	G8III+A1V	1211	24554	32 Eri A	32 Eri B	Eridanus	344.6081	0.672	
1252	HIP 18255	58.57292	-2.954733	4.7	G6.5III	1212	24555	* 32 Eri A	Eridanus	344.6081	0.672		
1253	HIP 18262	58.59652	-40.35700	5.705	G8/K1III	1219	24744	153 G. Eri	Eridanus	515.8234	0.599		
1254	HIP 18275	58.64150	-52.69042	6.461	A4V	1227	24863		Dorado	349.4101	0.158		
1255	HIP 18339	58.81721	-12.09909	6	A9VpSrEu	1217	24712	DO Eri	Eridanus	159.7257	0.323	5.97	6
1256	HIP 18396	58.99239	47.87142	5.379	B6V	1207	24504		Perseus	844.5587	-0.073		
1257	HIP 18401	59.01665	-63.46371	6.137	K1/2III	1236	25170		Reticulum	370.8772	1.094		
1258	HIP 18428	59.11526	-13.59753	6.38	M1III		24834		Eridanus	4024.699	1.585		
1259	HIP 18434	59.11954	35.08089	5.488	B1.5V	1215	24640		Perseus	970.2382	-0.058		
1260	HIP 18438	59.12597	71.82162	6.3	A5m	1196	24164		Camelopa	195.9136	0.333		

1261		HIP 18455	59.15805	-9.750836	6.177	A9V	1225	24832	DL Eri	Eridanus	346.4403	0.269	6.15	6.24
1262		HIP 18471	59.21698	22.47797	5.617	F2IVs	1218	24740	32 Tau	Taurus	146.1226	0.345		
1263		HIP 18481	59.25715	6.039970	6.072	A0Vn	1224	24817	24 G. Tau	Taurus	245.8523	0.058		
1264		HIP 18485	59.26586	23.17554	6.038	B9.5IV	1221	24769	33 Tau	Taurus	530.9433	0.031	6.06	6.11
1265		HIP 18488	59.28453	61.10888	5.05	K4III	1205	24480		Camelopa	1852.273	1.435		
1266		HIP 18505	59.35601	63.07226	5.04	B9IV	1204	24479		Camelopa	337.8241	-0.074		
1267		HIP 18508	59.35992	24.46193	6.165	K0	1222	24802		Taurus	1072.367	1.372		
1268		HIP 18532	59.46349	40.01019	2.89	B0.5III	1220	24760	ϵ Persei	Perseus	537.9556	-0.199	2.88	3
1269	Zaurak	HIP 18543	59.50735	-13.50851	2.94	M0III-IIIb	1231	25025	γ Eridani	Eridanus	221.0169	1.588	2.88	2.96
1270		HIP 18565	59.62152	38.84025	6.313	K1III:	1226	24843		Perseus	416.3477	1.081		
1271		HIP 18592	59.67875	-57.10236	6.043	F5IV/V	1245	25346		Reticulum	201.2346	0.439		
1272		HIP 18597	59.68645	-61.40018	4.57	M1.5III	1247	25422	δ Reticuli	Reticulum	530.0827	1.59		
1273		HIP 18606	59.71830	-5.469947	5.833	K0/1III	1232	25069	159 G. Eri	Eridanus	142.4825	1.001		
1274	Menkib	HIP 18614	59.74126	35.79103	4.06	O7.5III(n)(	1228	24912	ξ Persei	Perseus	1356.160	0.016	4	4.06
1275		HIP 18647	59.87555	-12.57442	5.589	K4III	1235	25165	160 G. Eri	Eridanus	890.7105	1.479		
1276		HIP 18658	59.91873	10.33037	6.34	F5V	1233	25102	25 G. Tau	Taurus	128.2454	0.417		
1277		HIP 18673	59.98118	-24.01621	4.66	ApSi	1240	25267	τ 9 Eridan	Eridanus	330.9650	-0.121	4.62	4.67
1278		HIP 18717	60.15369	17.29665	6.305	A0V	1237	25175		Taurus	923.5126	0.056		
1279		HIP 18723	60.16940	-30.49070	5.919	A1V	1246	25371	163 G. Eri	Eridanus	358.6359	0.036		
1280		HIP 18724	60.17006	12.49034	3.41	B4IV	1239	25204	λ Tauri	Taurus	370.0329	-0.099	3.37	3.91
1281		HIP 18735	60.20319	18.19400	5.865	F4V	1238	25202		Taurus	148.2491	0.319		
1282		HIP 18744	60.22419	-62.15928	4.5	M4III	1264	25705	γ Reticuli	Reticulum	490.2259	1.5	4.42	4.64
1283		HIP 18769	60.31179	36.98947	6.389	A0V	1234	25152		Perseus	372.9962	-0.005		
1284		HIP 18772	60.32562	-61.07882	4.956	K4III	1266	25728	ι Reticuli	Reticulum	330.9650	1.386		
1285		HIP 18788	60.38352	-1.549658	5.28	B5III/IV	1244	25340	35 Eri	Eridanus	452.7782	-0.133		
1286		HIP 18805	60.44222	9.998016	5.691	B5V	1243	25330	26 G. Tau	Taurus	564.9907	0.005		
1287			60.44223	9.998017	5.81	~	1243	25330A		Taurus	564.9907	0.005		
1288		HIP 18859	60.65310	-0.268922	5.38	F7V	1249	25457	164 G. Eri	Eridanus	62.69241	0.516		
1289		HIP 18907	60.78907	5.989300	3.883	A0.5Va	1251	25490	ν Tauri	Taurus	129.1602	0.032		
1290		HIP 18926	60.85311	-20.14379	6.45	B3V	1258	25631	166 G. Eri	Eridanus	956.0116	-0.178		

1291	HIP 18957	60.93585	5.435618	5.33	B5V	1253	25558	40 Tau	Taurus	1044.872	-0.08		
1292	HIP 1899(	61.03628	-16.58872	6.364	K2/3III/IV	1263	25700	168 G. Eri	Eridanus	452.7782	1.266		
1293	HIP 1900	61.09028	24.10601	5.512	K1II+B7.5I	1252	25555	36 Tau	Taurus	953.2178	0.813		
1294	HIP 19011	61.09464	-12.79229	5.611	K1III	1265	25723	169 G. Eri	Eridanus	401.4789	1.062		
1295	HIP 19018	61.11317	59.15550	5.12	F0II	1242	25291		Camelopa	1734.043	0.495		
1296	HIP 19037	61.17042	-20.38186	6.111	K1II	1267	25803	171 G. Eri	Eridanus	447.8035	1.157		
1297	HIP 19038	61.17380	22.08192	4.37	K0III-IIIb	1256	25604	37 Tau	Taurus	180.7096	1.064		
1298	HIP 1907(	61.33440	22.00890	5.9	G5V	1262	25680	39 Tau	Taurus	54.52415	0.62		
1299	HIP 19095	61.40598	-27.65180	5.59	F0IV/V	1275	25945	174 G. Eri	Eridanus	140.7599	0.324		
1300	HIP 19111	61.44462	-20.51256	6.334	G8/K0III	1274	25944	173 G. Eri	Eridanus	311.3659	0.918		
1301	HIP 19121	61.48545	-8.856104	6.261	A1V	1272	25910	172 G. Eri	Eridanus	265.9055	0.063		
1302	HIP 19129	61.51326	68.67997	5.864	K2III	1241	25274		Camelopa	623.3285	1.543		
1303	HIP 19167	61.64601	50.35126	4.29	A0IVn	1261	25642	λ Persei	Perseus	346.4403	-0.011		
1304	HIP 19171	61.65171	27.59990	5.172	Ap	1268	25823	41 Tau	Taurus	493.9390	-0.124	5.15	5.22
1305	HIP 19172	61.65262	54.00866	6.302	G8IV	1255	25602		Camelopa	319.2949	0.983		
1306	HIP 19177	61.66184	65.52079	6.131	A3m	1248	25425		Camelopa	457.2216	0.145		
1307	HIP 19205	61.75190	29.00130	5.2	F1V_(dD)	1269	25867	ψ Tauri	Taurus	89.90625	0.359		
1308	HIP 19222	61.79491	74.00035	6.49	K0		25225		Camelopa	409.0356	0.977		
1309	HIP 19233	61.84013	-64.22235	6.38	G1V	1294	26491		Reticulum	75.60301	0.636		
1310	HIP 19261	61.92493	15.16278	6.07	F3V	1279	26015		Taurus	153.2676	0.397		
1311	HIP 19284	61.99757	17.33989	5.94	K5III	1280	26038		Taurus	344.6081	1.497		
1312	HIP 19343	62.16538	47.71251	4.03	B3Ve	1273	25940	48 Per	Perseus	553.4797	-0.025	4	4.09
1313	HIP 19376	62.25654	13.39828	5.927	B9.5V	1284	26171		Taurus	445.3552	0.052		
1314	HIP 19388	62.29152	19.60921	5.504	K2III	1283	26162	ω 1 Tauri	Taurus	290.8119	1.077		
1315	HIP 19398	62.32431	-16.38585	5.435	B5IV	1288	26326	GU Eri	Eridanus	726.0576	-0.147		
1316	HIP 1940(	62.34263	54.82886	6.26	F5V	1276	25948		Camelopa	154.5755	0.448		
1317	HIP 19412	62.36487	59.90807	6.295	G7II	1270	25877		Camelopa	1072.367	1.112		
1318	HIP 19434	62.42919	3.322698	6.48	F3IV		26292	37 G. Tau	Taurus	204.2605	0.443		
1319	HIP 19461	62.51140	80.69867	5.62	G8III	1230	25007		Cepheus	345.3384	0.589		
1320		62.51249	80.69855	6.32	A3.5IV:	1230	25008		Cepheus	345.3384	0.589		

1321		HIP 19483	62.59383	-6.923851	5.442	G8III	1290	26409	37 Eri	Eridanus	376.8789	0.941	
1322		HIP 19509	62.69112	-35.27378	6.44	K0IIICN-0.	1299	26575	188 G. Eri	Eridanus	1185.453	1.07	
1323		HIP 19511	62.69901	-8.819815	5.689	K1III	1293	26464	184 G. Eri	Eridanus	324.0558	1.057	
1324		HIP 19513	62.70775	26.48095	5.387	F2IV-V	1287	26322	44 Tau	Taurus	194.9760	0.352	5.37 5.58
1325		HIP 19515	62.71071	-41.99364	4.93	F2IV/V	1302	26612	δ Horolog	Horologiu	175.1748	0.334	
1326		HIP 19525	62.74593	33.58677	5.74	K2-IIICN1	1286	26311		Perseus	547.8986	1.412	
1327		HIP 19554	62.83450	5.523052	5.699	F4V	1292	26462	45 Tau	Taurus	125.9175	0.36	
1328		HIP 19571	62.90084	-20.35615	5.8	A1V+(F/G	1300	26591	GW Eri	Eridanus	249.6173	0.165	
1329	Beid	HIP 19587	62.96641	-6.837579	4.026	F0III	1298	26574	ο 1 Eridan	Eridanus	125.4810	0.327	4 4.05
1330		HIP 19590	62.98388	-8.837464	6.44	G8III		26584	186 G. Eri	Eridanus	535.3052	0.95	
1331		HIP 19601	63.00113	-17.27473	6.4	K0III		26625	189 G. Eri	Eridanus	343.1574	0.968	
1332		HIP 19641	63.13064	17.27746	6.087	K0III	1295	26546		Taurus	285.4642	1.081	
1333		HIP 19672	63.21354	22.41346	6.12	B8III	1297	26571	V1137 Tau	Taurus	1031.646	0.171	
1334		HIP 19673	63.21593	68.50115	6.326	K0	1282	26101		Camelopa	386.7143	1.169	
1335		HIP 19719	63.38787	7.716115	5.29	F2V	1309	26690	46 Tau	Taurus	120.5620	0.366	
1336		HIP 19720	63.39404	10.21247	6.249	B8V	1307	26676	40 G. Tau	Taurus	502.3107	0.021	
1337		HIP 19721	63.39883	-40.35776	6.344	K3III	1323	26927		Horologiu	999.9988	1.468	
1338		HIP 19725	63.40894	-1.149737	6.423	B4V	1312	26739	GY Eri	Eridanus	1399.143	-0.125	
1339		HIP 19730	63.43676	72.12614	6.037	K1III	1281	26076		Camelopa	365.4722	1.019	
1340		HIP 19736	63.45765	12.75370	6.25	K0	1310	26703		Taurus	358.6359	1.143	
1341		HIP 19740	63.48493	9.263824	4.95	G3IIIFe-0.	1311	26722A	* 47 Tau A	Taurus	371.2978	0.799	
1342		HIP 19746	63.49872	37.96714	6.45	G9III	1301	26605		Perseus	393.7201	1.029	
1343		HIP 19747	63.50047	-42.29436	3.86	K2III	1326	26967	α Horolog	Horologiu	117.0555	1.085	
1344		HIP 19777	63.59869	-10.25628	4.9	K2III	1318	26846	39 Eri	Eridanus	206.3290	1.156	
1345	Rhombus	HIP 19780	63.60612	-62.47380	3.36	G8IIIa:	1336	27256	α Reticuli	Reticulum	163.1633	0.915	
1346		HIP 19799	63.65096	10.01140	5.218	B9Vn	1315	26793	43 G. Tau	Taurus	473.8378	-0.085	
1347		HIP 19805	63.70227	-62.19181	5.46	K0III	1340	27304		Reticulum	266.9944	1.106	
1348		HIP 19810	63.71694	37.54267	6.308	G5		26702		Perseus	419.0242	0.958	
1349		HIP 19811	63.72221	40.48364	4.691	G5II+A2V	1306	26673	52 Per	Perseus	626.9242	1.007	
1350		HIP 19812	63.72443	48.40933	4.16	G0Ib	1303	26630	μ Persei	Perseus	722.8367	0.935	

1351		HIP 19823	63.75748(	57.46036	6.08	A4III	1296	26553		Camelopa	1309.236(	0.6		
1352	Keid	HIP 19849	63.81799	-7.652869	4.43	K0V	1325	26965	o 2 Eridan	Eridanus	16.44470	0.82		
1353			63.878	51.218	6.4	~			NGC 1528	Perseus				
1354		HIP 1986(	63.88357(	8.892358	4.279	B3IV	1320	26912	μ Tauri	Taurus	434.6657	-0.054		
1355		HIP 19877	63.94285	15.40069(	6.3	F5V	1319	26911	48 Tau	Taurus	144.8245(	0.4	6.31	6.33
1356		HIP 19893	64.00661(	-51.48664	4.2	F1V	1338	27290	γ Doradus	Dorado	66.17932	0.312	4.23	4.27
1357		HIP 19917	64.08739(	-60.94847	6.366	ApEuCr(Sr	1357	27463	TT Ret	Reticulum	387.6336	0.097	6.37	6.385
1358		HIP 19921	64.12095(	-59.30215	4.44	K2III	1355	27442	ϵ Reticuli	Reticulum	59.49094	1.08		
1359		HIP 19949	64.17954	53.61180(	5.187	A2Vn	1314	26764		Camelopa	352.8136	0.052		
1360		HIP 19968	64.22315(	61.84999(	5.7	B7V	1305	26670		Camelopa	409.0355	-0.116		
1361		HIP 19983	64.28372	57.86031	5.721	K1III	1313	26755		Camelopa	263.3278	1.108		
1362		HIP 1999(	64.31525	20.57859	4.914	A3m	1329	27045	ω 2 Tauri	Taurus	93.48997	0.259		
1363		HIP 1999(	64.33009(	-6.472173	5.932	K0II	1332	27179	202 G. Eri	Eridanus	550.6761	1.078		
1364		HIP 2002(	64.41779	-63.25541	6.05	B9IV	1372	27657A	* tet Ret A	Reticulum	462.4116(	-0.061		
1365		HIP 2003(	64.46585	80.53578(	6.38	K0		25904		Cepheus	944.9276	0.947		
1366		HIP 20042	64.47359	-33.79834	3.56	B8V+B9.5	1347	27376	υ 4 Eridan	Eridanus	178.4345	-0.108		
1367		HIP 2004(	64.49695	-80.21403	5.68	K2/3III+A	1426	28525	δ Mensae	Mensa	407.5001	0.836		
1368		HIP 20063	64.53378	42.14116	6.205	B9V	1328	27026	V545 Per	Perseus	388.5595	-0.072	6.22	6.26
1369		HIP 2007(	64.56092	50.29549	4.594	A1III	1324	26961		Perseus	318.0489(	0.043	4.52	4.68
1370		HIP 20075	64.56698(	-20.71525	6.052	M4III	1345	27362	GZ Eri	Eridanus	1044.872	1.597		
1371		HIP 20087	64.59671	21.57921	5.631	F0V	1331	27176	51 Tau	Taurus	178.6301	0.277		
1372		HIP 2010(	64.65621	-22.96972	6.06	A3mA5-F2	1353	27411	205 G. Eri	Eridanus	300.1841	0.302		
1373		HIP 2010(	64.66677	-52.86009	6.17	~	1365	27604A		Dorado	241.6606	0.489		
1374			64.76203	-33.90461	6.5	~	1359	27490A		Eridanus	378.6295(	0.132		
1375		HIP 2015(	64.80505	50.04870	5.4	A7IV	1330	27084		Perseus	258.9356	0.235		
1376		HIP 20161	64.81956	-44.26791	5.332	K2III	1364	27588		Horologiu	231.2057	1.066		
1377		HIP 20171	64.85873	21.14230	5.482	B9Vsp	1339	27295	53 Tau	Taurus	267.2131	-0.069		
1378		HIP 2018(	64.90293	21.77349(	5.346	A0VpSi	1341	27309	56 Tau	Taurus	315.8914	-0.107	5.36	5.4
1379		HIP 2018(	64.90590	10.12143	6.3	K0	1349	27386	47 G. Tau	Taurus	583.1848	1.428		
1380	Prima Hya	HIP 2020(	64.94834	15.62764	3.65	G9.5IIIabC	1346	27371	γ Tauri	Taurus	153.9916	0.981		

1381		HIP 20219	64.990435	14.035203	5.568	F0IV	1351	27397	57 Tau	Taurus	146.12269	0.283	5.55	5.59
1382		HIP 20231	65.041447	31.953175	6.167	K5III	1344	27349		Perseus	819.09484	1.679		
1383		HIP 20234	65.047969	50.920934	5.545	B1.5IV	1333	27192		Perseus	1189.7830	-0.031		
1384		HIP 20241	65.060106	41.808118	5.958	K0III	1337	27278		Perseus	346.07193	0.962		
1385		HIP 20250	65.088400	27.350752	4.951	K2III	1348	27382	ϕ Tauri	Taurus	342.07843	1.15		
1386		HIP 20252	65.102657	34.566725	4.929	G8+IIIb	1343	27348	54 Per	Perseus	226.07487	0.95		
1387		HIP 20255	65.104591	18.742681	6.094	F2Vn	1354	27429		Taurus	154.35615	0.404		
1388		HIP 20261	65.151293	15.095452	5.242	F0IV-V	1356	27459	58 Tau	Taurus	153.77358	0.225	5.22	5.28
1389		HIP 20263	65.161007	-6.245993	6.154	K0III	1362	27536	EK Eri	Eridanus	205.93817	0.901	6.24	6.36
1390		HIP 20264	65.162554	-20.63962	5.38	A0V	1367	27616	212 G. Eri	Eridanus	462.41159	-0.027		
1391		HIP 20266	65.168023	65.140441	5.27	G4III	1327	27022		Camelopa	332.65377	0.82		
1392		HIP 20268	65.171868	6.130791	5.751	G8III-IV	1360	27497	49 G. Tau	Taurus	427.82298	0.914		
1393		HIP 20271	65.178475	-7.592496	5.838	B7II	1363	27563	EM Eri	Eridanus	756.38220	-0.124	5.84	5.9
1394			65.202	50.221	6.2	Open Cluster			NGC 1545	Perseus				
1395		HIP 20284	65.219668	13.864425	6.141	DA3+F6V	1358	27483		Taurus	149.54145	0.456		
1396		HIP 20297	65.241967	-81.57992	5.764	F0/2III	1456	29116	ν Mensae	Mensa	175.17486	0.359		
1397		HIP 20341	65.362657	-0.098173	5.854	K3III	1366	27611	211 G. Eri	Eridanus	467.04731	1.32		
1398		HIP 20354	65.388192	46.498879	4.812	B4IV	1350	27396	53 Per	Perseus	463.72863	-0.022	4.81	4.86
1399		HIP 20360	65.406271	-6.284162	6.429	A1IV		27660	213 G. Eri	Eridanus	498.47046	0.056		
1400		HIP 20376	65.448538	60.735623	5.398	M0III	1335	27245		Camelopa	426.70154	1.497		
1401		HIP 20380	65.465859	56.506315	5.92	A3V	1342	27322		Camelopa	309.59186	0.112		
1402		HIP 20384	65.472190	-63.38639	5.24	G8III	1395	28093	η Reticuli	Reticulum	379.95313	0.955		
1403		HIP 20400	65.514658	14.077198	5.71	kA3hF2mI	1368	27628	60 Tau	Taurus	149.06256	0.315	5.72	5.73
1404		HIP 20417	65.594707	20.821413	5.95	M0III	1370	27639		Taurus	1752.6874	1.66		
1405		HIP 20430	65.645598	25.629315	5.378	B9Vnn	1369	27638	χ Tauri	Taurus	267.43255	-0.041		
1406	Secunda H	HIP 20455	65.733729	17.542513	3.76	G9.5IIICN(	1373	27697	δ 1 Tauri	Taurus	153.12354	0.983		
1407		HIP 20456	65.741453	59.616182	6.18	A4V	1352	27402		Camelopa	378.18946	0.108		
1408		HIP 20465	65.773595	-24.89213	5.796	K5III	1384	27881	216 G. Eri	Eridanus	454.03991	1.507		
1409		HIP 20467	65.782317	-35.54481	6.37	K1III	1386	27941	218 G. Eri	Eridanus	840.20661	1.242		
1410		HIP 20484	65.854433	16.777264	5.625	kA4VmF2/	1376	27749	63 Tau	Taurus	153.99168	0.31		

1411		HIP 20493	65.88485	20.98204	5.986	B8IV-V	1375	27742	V1141 Tau	Taurus	481.5347	0.029		
1412			65.89924	42.42789	6.38	~	1371	27650A		Perseus	552.5441	0.023		
1413		HIP 20507	65.92021	-3.745468	5.165	A1V	1383	27861	ξ Eridani	Eridanus	208.1738	0.072		
1414		HIP 20522	65.96593	9.460970	5.098	A3V	1381	27820	66 Tau	Taurus	396.1129	0.074		
1415		HIP 20533	65.99901	24.30097	6.337	B3V	1378	27778	62 Tau	Taurus	726.0576	0.173		
1416	Beemim	HIP 20535	66.00919	-34.01684	3.96	K3.5III	1393	28028		Eridanus	272.8034	1.468		
1417		HIP 20542	66.02400	17.44413	4.8	A2Vs	1380	27819	δ 2 Tauri	Taurus	145.7960	0.154		
1418		HIP 20558	66.06033	12.15798	6.39	K0		27860		Taurus	713.3469	1.408		
1419		HIP 20579	66.12148	34.13075	5.718	B8V	1377	27777	55 Per	Perseus	610.4873	-0.054		
1420		HIP 20591	66.15607	33.95980	5.795	F4IV-V+DA	1379	27786	56 Per	Perseus	135.8334	0.4		
1421		HIP 20614	66.23803	19.04200	5.965	F4V	1385	27901		Taurus	159.8039	0.378		
1422		HIP 20619	66.27223	-61.23819	5.922	K4/5III	1416	28413		Reticulum	641.7312	1.533		
1423		HIP 20630	66.32966	-44.16089	6.383	F5.5V	1404	28246		Caelum	120.7406	0.457		
1424		HIP 20635	66.34235	22.29387	4.201	A7IV-V	1387	27934	κ 1 Tauri	Taurus	153.2676	0.136		
1425		HIP 20641	66.35423	22.19999	5.264	F0Vn	1388	27946	κ 2 Tauri	Taurus	143.9293	0.25		
1426		HIP 20648	66.37243	17.92790	4.298	A2IV-Vs	1389	27962	δ 3 Tauri	Taurus	147.8459	0.049	4.29	4.32
1427		HIP 20661	66.40551	15.94102	6.439	F7V	1391	27991	70 Tau	Taurus	151.8397	0.509		
1428		HIP 20698	66.50562	4.373454	6.32	K4III		28086		Taurus	630.5624	1.078		
1429		HIP 20704	66.52629	31.43890	5.284	K0III	1390	27971		Perseus	242.9209	0.986		
1430		HIP 20711	66.57692	22.81358	4.282	A8Vn	1392	28024	υ Tauri	Taurus	154.7222	0.263	4.28	4.31
1431		HIP 20713	66.58654	15.61830	4.48	F0V	1394	28052	71 Tau	Taurus	156.2798	0.262	4.73	4.75
1432		HIP 20715	66.58792	8.590264	6.055	B6IV	1397	28114	V1143 Tau	Taurus	597.0692	-0.01		
1433		HIP 20732	66.65154	14.71378	4.69	G7IIIFe-0.5	1396	28100	π Tauri	Taurus	454.6723	0.979		
1434		HIP 20771	66.75295	2.079410	6.221	K0III	1400	28191	52 G. Tau	Taurus	394.6720	1.087		
1435		HIP 20772	66.75363	57.58530	6.29	A0III	1382	27855		Camelopa	754.6283	0.063		
1436		HIP 20776	66.76223	80.82416	5.43	G6III:	1317	26836		Cepheus	936.7808	1.179		
1437		HIP 20781	66.77485	-46.94749	6.1	F5.5V	1418	28454		Caelum	105.7756	0.47		
1438		HIP 20789	66.82271	22.99632	5.514	B7V	1399	28149	72 Tau	Taurus	414.7568	-0.098		
1439		HIP 20804	66.86987	11.21228	5.87	B8IV	1402	28217		Taurus	486.5682	0.049		
1440		HIP 20825	66.94178	-62.52120	5.735	K0III	1435	28732		Reticulum	328.6276	1.005		

1441		HIP 20842	67.00326	21.61990	5.711	Am	1403	28226		Taurus	156.3548	0.27		
1442		HIP 20848	67.01514	1.858584	6.139	K0III	1413	28322	53 G. Tau	Taurus	349.4101	1.018		
1443		HIP 20856	67.03943	-41.9598	6.399	M1III	1429	28552	RV Cae	Caelum	1072.367	1.614		
1444		HIP 20860	67.05528	83.80778	5.507	B5V	1289	26356	V408 Cep	Cepheus	684.8740	-0.106		
1445		HIP 20873	67.09753	14.74095	5.892	F0IV	1408	28294	76 Tau	Taurus	176.9815	0.325		
1446		HIP 20877	67.10987	16.35967	4.969	K1IIIb	1407	28292	75 Tau	Taurus	194.2791	1.137		
1447		HIP 20884	67.13383	1.380825	5.532	B5III/IV	1415	28375	44 Eri	Taurus	384.8887	-0.099		
1448		HIP 20885	67.14374	15.96228	3.84	G9IIIFe-0.5	1411	28307	θ 1 Tauri	Taurus	157.7928	0.952		
1449	Ain	HIP 20889	67.15416	19.18043	3.53	G9.5IIICN(	1409	28305	ϵ Tauri	Taurus	154.9429	1.014		
1450		HIP 20892	67.16265	-19.4588	5.933	K2III	1421	28479	227 G. Eri	Eridanus	323.0921	1.215		
1451	Chamukuy	HIP 20894	67.16559	15.87087	3.41	A7III	1412	28319	θ 2 Tauri	Taurus	148.9266	0.179	3.35	3.42
1452		HIP 20901	67.20901	13.04760	5.014	kA5hF0Vn	1414	28355	79 Tau	Taurus	160.3542	0.215		
1453		HIP 20904	67.21664	30.36155	6.383	F7V	1406	28271		Taurus	176.9815	0.547		
1454		HIP 20922	67.27885	-13.0483	5.41	B2(V)ne	1423	28497	DU Eri	Eridanus	1574.880	-0.202	5.41	5.49
1455		HIP 20934	67.33369	-46.5152	6.117	K1III	1433	28700		Caelum	391.8260	1.062		
1456		HIP 20982	67.50147	83.34037	5.472	G8III	1304	26659		Cepheus	303.5383	0.855		
1457		HIP 20985	67.50954	10.26221	6.46	G8III	1425	28505	55 G. Tau	Taurus	365.4721	1.038		
1458		HIP 20995	67.53582	15.63783	5.552	F0V	1422	28485	80 Tau	Taurus	142.1718	0.324		
1459		HIP 20995	67.53582	15.63783	5.666	~	1422	28485	* 80 Tau A	Taurus	142.1718	0.324		
1460		HIP 20997	67.54168	-13.5923	6.219	K0III	1431	28625	229 G. Eri	Eridanus	432.3609	1.001		
1461		HIP 21029	67.64013	16.19401	4.764	A6IV	1427	28527		Taurus	144.6318	0.17		
1462		HIP 21036	67.65567	13.72440	5.395	F0IV	1430	28556	83 Tau	Taurus	149.2672	0.263		
1463		HIP 21038	67.66003	32.45776	6.169	B9.5Vn	1419	28459		Perseus	306.6793	-0.026		
1464		HIP 21039	67.66203	15.69187	5.454	kA3hA8m	1428	28546	81 Tau	Taurus	144.5676	0.258		
1465		HIP 21042	67.66804	-35.6535	5.95	K0II	1439	28776	233 G. Eri	Eridanus	365.4722	1.005		
1466		HIP 21053	67.69499	16.14868	6.491	F5V		28568		Taurus	134.2670	0.428		
1467		HIP 21060	67.70874	-44.9537	5.059	B2IV/V	1443	28873	δ Caeli	Caelum	710.2401	-0.194		
1468		HIP 21082	67.77996	15.10503	6.303	M3III		28595	84 Tau	Taurus	455.3080	1.725		
1469		HIP 21110	67.85771	-13.6442	6.25	A2/3V	1438	28763	232 G. Eri	Eridanus	399.5098	0.086		
1470		HIP 21137	67.96566	15.85162	5.998	F1.5Vn	1432	28677	85 Tau	Taurus	146.5168	0.338		

1471		HIP 2113	67.96945	-0.044011	4.896	K0/1III	1437	28749	45 Eri	Eridanus	829.5170	1.32	
1472		HIP 2114	67.98727	36.74268	6.34	G5		28591		Perseus	384.8887	1.089	6.7
1473		HIP 2114	68.00766	53.91083	5.77	O9.7IIn	1417	28446A	* 1 Cam A	Camelopardalis		0.119	
1474		HIP 2114	68.00767	53.91084	5.772	B0III+B0IV	1417	28446	DL Cam	Camelopardalis		0.119	
1475		HIP 2115	68.02003	5.410041	6.352	F5V	1436	28736	58 G. Tau	Taurus	140.9425	0.42	
1476		HIP 2119	68.15647	-3.209540	5.81	B9III	1441	28843	DZ Eri	Eridanus	428.3837	-0.117	
1477		HIP 2123	68.34202	-10.78533	6.052	K3III	1447	28970	236 G. Eri	Eridanus	944.9276	1.379	
1478		HIP 2124	68.35376	43.06389	6.078	F0V	1434	28704	57 Per	Perseus	210.5944	0.37	
1479		HIP 2124	68.37730	-29.76649	4.51	K0+IIIbFe-	1453	29085	υ 1 Eridan	Eridanus	124.3325	0.972	
1480		HIP 2124	68.37783	72.52860	5.928	A8m	1401	28204		Camelopa	372.9962	0.306	
1481		HIP 2125	68.38679	-63.02916	6.5	M6.5e		29383		Reticulum	2394.336		6.5
1482		HIP 2125	68.39145	-62.82367	5.78	K1III	1475	29399		Reticulum	149.9541	1.028	
1483		HIP 2126	68.45072	9.413561	6.011	G8III	1446	28930	59 G. Tau	Taurus	470.4181	1.061	
1484		HIP 2127	68.46215	14.84442	4.65	A8V	1444	28910	ρ Tauri	Taurus	152.4076	0.255	4.9
1485		HIP 2127	68.47803	-6.738911	5.72	ApSi	1449	29009	46 Eri	Eridanus	779.9031	-0.128	5.72
1486		HIP 2128	68.49907	-55.04497	3.28	B8IIIpSi	1465	29305	α Doradus	Dorado	175.6465	-0.079	3.26
1487		HIP 2129	68.53444	5.568620	5.678	A2IV	1448	28978	60 G. Tau	Taurus	408.0086	0.055	
1488		HIP 2129	68.54845	-8.231351	5.188	M0/1III	1451	29064	47 Eri	Eridanus	804.9399	1.708	5.1
1489		HIP 2129	68.54904	-8.970255	5.229	K3III	1452	29065	242 G. Eri	Eridanus	657.2586	1.465	
1490		HIP 2129	68.55913	-6.837810	6.063	K3III	1450	29063	240 G. Eri	Eridanus	512.5797	1.384	
1491		HIP 2132	68.65830	28.96115	5.9	B8/9	1445	28929		Taurus	465.7139	-0.048	
1492		HIP 2132	68.65892	-24.04050	6.38	K1III		29163	246 G. Eri	Eridanus	432.3609	1.137	
1493		HIP 2136	68.75296	-19.92138	6.111	K2IIICNIb	1461	29184	247 G. Eri	Eridanus	329.9610	1.174	
1494		HIP 2137	68.80881	-9.736369	6.37	A2IIIs	1460	29173		Eridanus	387.6336	0.039	
1495	Theemin	HIP 2139	68.88765	-30.56234	3.82	G8+III	1464	29291	υ 2 Eridan	Eridanus	208.7068	0.957	
1496		HIP 2140	68.91360	10.16075	4.25	kA4hA6m	1458	29140	88 Tau	Taurus	150.3691	0.184	
1497		HIP 2140	68.92735	19.88178	6.35	G8III+F6IV	1455	29104		Taurus	463.7286	0.754	
1498	Aldebarar	HIP 2142	68.98016	16.50930	0.86	K5+III	1457	29139	α Tauri	Taurus	65.0829	1.54	0.75
1499		HIP 2142	69.00695	-3.611633	6.34	B5III	1462	29227	248 G. Eri	Eridanus	873.9965	-0.1	
1500		HIP 2144	69.07975	-3.352460	3.928	B2III	1463	29248	ν Eridani	Eridanus	586.3307	-0.21	3.92

1501		HIP 21452	69.100825	64.26160(	5.91	A1V	1440	28780		Camelopa	442.9363[illegible]	-0.009		
1502		HIP 21459	69.121457	23.340839	6.019	F2	1459	29169	V1116 Tau	Taurus	144.24786	0.38	6.02	6.03
1503		HIP 21476	69.172635	41.264834	4.26	K0II-III+B9	1454	29094	58 Per	Perseus	641.73122	1.171		
1504		HIP 21479	69.189963	-62.07716	5.4	M8III:e	1492	29712	R Dor	Dorado	203.49579	1.5	4.8	6.6
1505		HIP 21486	69.212211	-30.71677	6.271	ApSi	1476	29435	253 G. Eri	Eridanus	393.72011	-0.095		
1506		HIP 21515	69.306981	0.9983278	5.315	B8IV	1469	29335	49 Eri	Taurus	846.75269	-0.107		
1507		HIP 21517	69.311573	18.543035	6.37	F6.7:Ib		29260	SZ Tau	Taurus	1044.8727	0.81	6.33	6.75
1508		HIP 21525	69.330283	-41.87294	6.4	A3V(s)		29559		Caelum	358.24152	0.167		
1509		HIP 21547	69.400552	-2.473548	5.209	F0IV	1474	29391	51 Eri	Eridanus	95.889997	0.28		
1510		HIP 21588	69.539335	16.033256	5.776	F0V	1472	29375	89 Tau	Taurus	148.45163	0.312		
1511		HIP 21589	69.539424	12.510836	4.27	A6V	1473	29388	90 Tau	Taurus	149.60991	0.122		
1512		HIP 21594	69.545098	-14.30402	3.87	K2-IIIb	1481	29503		Eridanus	109.24947	1.082		
1513	Sceptrum	HIP 21594	69.545104	-14.30398	3.89	~	1481	29503A	* l Eri A	Eridanus	109.24947	1.082		
1514		HIP 21604	69.565959	20.684724	5.842	B8V	1471	29365	HU Tau	Taurus	361.01903	-0.019	5.85	6.68
1515		HIP 21611	69.590522	-77.65600	6.038	K2III	1531	30479		Mensa	654.61801	1.08		
1516		HIP 21644	69.723125	-12.12307	5.002	A0V	1483	29573		Eridanus	227.33617	0.074		
1517		HIP 21666	69.767923	-51.67275	6.44	K2III	1498	29805		Pictor	655.93505	1.321		
1518		HIP 21670	69.775662	7.870987(	5.365	A5m	1480	29499	63 G. Tau	Taurus	167.69542	0.257		
1519		HIP 21673	69.788430	15.799836	5.076	kA4hA5m	1478	29479	σ 1 Tauri	Taurus	151.69859	0.141		
1520		HIP 21683	69.818759	15.917975	4.665	A5Vn	1479	29488	σ 2 Tauri	Taurus	158.94688	0.147		
1521		HIP 21685	69.832127	-14.35918	5.463	K0.5IVa	1487	29613	257 G. Eri	Eridanus	198.53829	1.054		
1522		HIP 21689	69.846454	25.218276	6.2	A3	1477	29459		Taurus	363.43469	0.176		
1523		HIP 21718	69.946754	-1.052461	6.099	K0II/III	1488	29610	256 G. Eri	Eridanus	578.01449	0.943		
1524		HIP 21727	69.977837	53.079535	5.073	G9III	1467	29317	3 Cam	Camelopa	495.44192	1.079		
1525		HIP 21730	69.991821	53.473227	5.56	A9V	1466	29316	NAME * 2	Camelopa	277.21092	0.331		
1526		HIP 21735	70.014249	12.197612	5.445	B8IV	1484	29589	93 Tau	Taurus	344.60819	-0.121		
1527		HIP 21743	70.028338	-24.48236	5.563	G6/8III	1495	29737	258 G. Eri	Eridanus	315.28057	0.926		
1528		HIP 21763	70.110464	-19.67149	4.3	M3/4III	1496	29755	54 Eri	Eridanus	361.01904	1.599	4.28	4.36
1529		HIP 21770	70.140468	-41.86375	4.45	F2V	1502	29875	α Caeli	Caelum	65.633270	0.342		
1530		HIP 21819	70.332339	28.614988	5.729	A2V	1490	29646		Taurus	334.70104	0.018		

1531	HIP 21823	70.350535	48.300879	5.652	A0V	1482	29526		Perseus	311.06864	0.002		
1532	HIP 21861	70.514509	-37.14433	5.05	F3IV	1503	29992	β Caeli	Caelum	90.154998	0.391		
1533	HIP 21881	70.561246	22.956902	4.258	B3V	1497	29763	τ Tauri	Taurus	304.61416	-0.112		
1534	HIP 21914	70.693431	-50.48133	5.298	K0/1III	1516	30185	λ Pictoris	Pictor	343.15749	0.977		
1535	HIP 21928	70.726401	43.365120	5.298	A1Vn	1494	29722	59 Per	Perseus	271.21480	0.028		
1536	HIP 21949	70.766517	-70.93102	5.511	B8II/III(pS	1541	30612	μ Mensae	Mensa	482.96265	-0.114		
1537	HIP 21958	70.788720	-30.76556	5.663	K3III	1509	30080		Caelum	747.70734	1.391		
1538	HIP 21961	70.807318	24.088917	6.151	G0	1499	29859	95 Tau	Taurus	162.75587	0.544		
1539	HIP 21972	70.839977	49.973787	5.856	B9III	1493	29721		Perseus	640.47286	0.013		
1540	HIP 21998	70.934466	-41.06478	6.218	K3/4III	1518	30202	λ Cae	Caelum	652.00022	1.468		
1541	HIP 22003	70.951050	32.865479	6.48	A8V	1501	29867		Auriga	234.70116	0.311		
1542	HIP 22024	71.022169	-8.503570	5.81	B2(V)nne	1508	30076	56 Eri	Eridanus	1341.5654	-0.076	5.76	5.98
1543	HIP 22028	71.033256	-18.66658	5.522	A1V	1513	30127	264 G. Eri	Eridanus	294.75593	0.025		
1544	HIP 22034	71.054252	40.786449	6.08	B8V	1500	29866		Perseus	541.52856	0.04		
1545	HIP 22040	71.088243	-59.73273	5.282	A8/9III/IV	1530	30478	κ Doradus	Dorado	222.37380	0.206		
1546	HIP 22044	71.107618	11.146134	5.379	F0V	1507	30034		Orion	157.26016	0.251		
1547	HIP 22081	71.241250	-63.22971	6.466	K0/1III	1540	30610		Dorado	455.94376	1.077		
1548	HIP 22086	71.267337	-21.28338	5.692	K4III	1521	30238	267 G. Eri	Eridanus	626.92429	1.476		
1549	HIP 22109	71.375630	-3.254659	4	B5IV	1520	30211	μ Eridani	Eridanus	531.81050	-0.148		
1550	HIP 22128	71.426945	23.627993	6.329	B	1512	30122		Taurus	704.10482	0.058		
1551		71.481	19.079	6.4	Open Cluster			NGC 1647	Taurus				
1552	HIP 22144	71.481048	-39.35661	6.045	K1III	1526	30432		Caelum	314.67193	1.065		
1553	HIP 22157	71.507251	11.705586	5.346	Am	1519	30210		Orion	266.33980	0.197		
1554	HIP 22170	71.539776	-49.24585	6.35	K2/3(II)pe		30551	R Pic	Pictor	1461.8823	1.472	6.35	10.1
1555	HIP 22176	71.570112	18.734692	5.981	K4III	1517	30197		Taurus	301.57259	1.221		
1556	HIP 22189	71.600676	-2.954527	6.316	A0/1V	1522	30321		Orion	277.21092	0.041		
1557	HIP 22192	71.607289	-28.08744	6.173	A7VkA3m	1525	30422	EX Eri	Eridanus	187.35649	0.189	6.19	6.22
1558	HIP 22220	71.68532	40.312590	6	G9III	1514	30138		Perseus	442.93634	0.934		
1559	HIP 22263	71.901215	-16.93445	5.5	G2.5IV-V	1532	30495	58 Eri	Eridanus	43.408860	0.632	5.47	5.51
1560	HIP 22280	71.956571	-30.02037	6.346	K0III	1539	30608	ζ Caeli	Caelum	513.38497	1.071		

1561		HIP 22287	72.00113	56.75717	5.275	A3m	1511	30121	4 Cam	Camelopa	162.0279	0.246		
1562		HIP 22300	72.02926	55.60261	6.32	F2V	1515	30144		Camelopa	166.3265	0.32		
1563		HIP 22325	72.13555	-16.32948	5.755	F8V	1538	30606	59 Eri	Eridanus	135.4947	0.537		
1564		HIP 22336	72.15160	-5.674043	5.77	G2IV	1536	30562		Eridanus	86.43145	0.62		
1565		HIP 22354	72.18593	3.588530	6.028	K0III	1534	30545		Orion	707.1594	1.2		
1566			72.198	10.882	6.4	Open Cluster			NGC 1662	Orion				
1567		HIP 22361	72.20980	75.94121	5.952	A9IV	1491	29678		Camelopa	148.7225	0.283		
1568		HIP 22393	72.30353	31.43737	5.578	K1III	1529	30454		Auriga	234.5322	1.132		
1569		HIP 22407	72.32950	32.58819	5.824	A8m	1528	30453		Auriga	335.7377	0.25		
1570		HIP 22439	72.42601	-13.76966	6.26	F6VFe-0.9	1545	30743	272 G. Eri	Eridanus	115.2759	0.456		
1571		HIP 22441	72.43367	15.90421	6.11	K3III	1537	30605	96 Tau	Taurus	1411.254	1.551		
1572	Tabit	HIP 22449	72.46004	6.961277	3.19	F6V	1543	30652	π 3 Orion	Orion	26.16371	0.484		
1573		HIP 22453	72.47765	37.48827	4.867	K3+III	1533	30504	1 Aur	Perseus	527.5072	1.447		
1574		HIP 22479	72.54840	-16.21715	5.028	K0III	1549	30814	60 Eri	Eridanus	243.2837	0.992		
1575		HIP 22488	72.56741	-41.32084	6.055	F2/3V	1557	30985	ν Cae	Caelum	170.5912	0.408		
1576		HIP 22508	72.65162	70.94152	6.341	A0IV	1510	30085		Camelopa	646.8266	-0.069		
1577		HIP 22509	72.65301	8.900181	4.35	A1Vn	1544	30739	π 2 Orion	Orion	193.5866	0.01		
1578		HIP 22531	72.7279	-53.4561	5.23	~	1563	31203	* iot Pic	Pictor	143.4714			
1579		HIP 22531	72.73054	-53.46153	5.57	F0V	1563	31203	iot Pic A	Pictor	143.4714	0.29		
1580		HIP 22534	72.73540	-53.45969	6.19	F4V	1564	31204	ι Pictoris	Pictor	104.5541	0.483		
1581		HIP 22545	72.78883	48.74066	5.643	G9III	1535	30557		Auriga	320.8662	1.013		
1582		HIP 22549	72.80152	5.605103	3.68	B2III	1552	30836	π 4 Orion	Orion	1258.686	-0.157		
1583		HIP 22565	72.84359	18.83985	5.085	A7IV-V	1547	30780	97 Tau	Taurus	188.7667	0.214	5.09	5.13
1584		HIP 22573	72.86756	-34.90628	5.833	A2/3V	1559	31093		Caelum	286.2160	0.105		
1585		HIP 22597	72.93075	9.975080	6.122	B5V	1553	30870		Orion	704.1048	0.06		
1586			72.95824	13.65514	6.36	~		30869A		Orion	136.3446	0.502		
1587		HIP 22607	72.95830	13.65513	6.25	F7V		30869		Orion	136.3446	0.502		
1588		HIP 22626	73.02174	63.50542	5.467	M2III	1527	30442		Camelopa	499.2333	1.559		
1589		HIP 22667	73.13317	14.25064	4.721	M3SIII	1556	30959	ο 1 Orioni	Orion	541.5285	1.773	4.65	4.88
1590		HIP 22678	73.15825	36.70318	4.779	K3-IIIBa0.4	1551	30834	2 Aur	Auriga	561.1016	1.414		

1591		HIP 22697	73.19632(	27.89748	5.961	F2IVn	1554	30912		Taurus	351.6726	0.368	
1592		HIP 22699	73.19898	42.58662	5.675	A3III	1550	30823		Auriga	516.6417	0.115	
1593		HIP 22701	73.22362	-5.452696	4.4	A9IVn	1560	31109	ω Eridani	Eridanus	226.5462	0.257	
1594		HIP 22717	73.27351	-72.40767	6.28	F9VFe-0.5	1606	31975		Mensa	106.0507	0.521	
1595		HIP 22720	73.29075	52.84115	6.4	A2V	1546	30752		Camelopa	523.2758	0.068	
1596		HIP 22730	73.34489	2.508224	5.324	M1III	1562	31139	5 Ori	Orion	637.9659	1.632	
1597		HIP 22737	73.37706	-66.67541	6.416	M0/1III	1598	31754		Dorado	1147.888	1.64	
1598		HIP 22783	73.51254	66.34267	4.29	O9Ia	1542	30614	α Camelo	Camelopa	6936.174	-0.008	
1599		HIP 22797	73.56290	2.440671	3.73	B2III	1567	31237	π 5 Orion	Orion	1341.565	-0.179	3.66 3.73
1600		HIP 22833	73.69539	11.42598	5.184	A3V	1569	31283	6 Ori	Orion	240.7680	0.121	
1601		HIP 22834	73.69909	7.779096	5.324	K1III	1571	31296		Orion	441.1368	1.214	
1602		HIP 22840	73.71128	0.467166	5.965	B5/7II	1574	31331		Orion	964.4974	-0.116	
1603		HIP 22842	73.71351	44.06086	6.058	A0V	1558	31069		Auriga	339.9366	-0.032	
1604		HIP 22844	73.72098	-58.54765	6.107	F5V	1597	31746		Dorado	100.6795	0.442	
1605		HIP 22845	73.72386	10.15083	4.648	A0Va_lB	1570	31295	π 1 Orion	Orion	120.5620	0.085	
1606		HIP 22847	73.72838	-39.62860	6.089	K3III	1584	31529		Caelum	1012.422	1.423	
1607		HIP 22850	73.74317	19.48538	6.347	F1V(n)	1566	31236		Taurus	222.2222	0.292	
1608		HIP 22854	73.76304	55.25912	5.52	B9.5V	1555	30958	5 Cam	Camelopa	661.2586	0.015	
1609		HIP 22860	73.77843	-16.74066	5.688	G8/K0III	1579	31414	278 G. Eri	Eridanus	475.9112	0.953	
1610		HIP 22871	73.79667	-74.93685	5.449	K4III	1629	32440	η Mensae	Mensa	711.7919	1.518	
1611		HIP 22881	73.82774	-16.41777	5.715	G6/8III	1581	31444	R Eri	Eridanus	288.4957	0.874	
1612		HIP 22913	73.95896	15.04026	5.776	B9V	1576	31373		Orion	422.8286	-0.085	
1613		HIP 22923	73.99313	5.399023	6.485	A0V	1578	31411		Orion	489.4891	0.025	
1614		HIP 22936	74.02946	52.86973	5.74	A2Vs	1561	31134		Camelopa	478.0074	0.105	
1615		HIP 22938	74.03739	7.904670	6.42	F5		31423		Orion	191.5394	0.415	
1616		HIP 22949	74.06490	24.59221	6.324	F0	1575	31362		Taurus	140.8206	0.351	
1617		HIP 22955	74.08369	36.16853	6.089	B2II	1573	31327		Auriga	11642.86	0.352	
1618		HIP 22957	74.09281	13.51446	4.06	K2-IIIb	1580	31421	ο 2 Orioni	Orion	169.2628	1.158	
1619		HIP 22958	74.10077	-5.171356	5.482	B5III	1582	31512	62 Eri	Eridanus	739.2280	-0.123	
1620	Hassaleh	HIP 23015	74.24841	33.16609	2.69	K3II-III	1577	31398	ι Aurigae	Auriga	511.7745	1.49	

1621		HIP 23041	74.32162	-1.067256	6.241	F3/5III	1591	31623		Orion	273.7197	0.423	
1622		HIP 2304(	74.32165	53.75210	4.433	A1V	1568	31278	7 Cam	Camelopa	375.5749	-0.017	
1623		HIP 23043	74.34310	17.15366	5.49	K1III	1585	31539		Taurus	471.7808	1.304	
1624		HIP 2306(	74.43618	-14.23191	6.139	B2V	1595	31726	281 G. Eri	Eridanus	993.9026	-0.202	
1625		HIP 23068	74.45269	23.94856	5.806	K0III	1586	31553	99 Tau	Taurus	471.0994	1.109	
1626		HIP 23088	74.53913	25.05040	5.785	A0V	1590	31592	98 Tau	Taurus	296.0944	0.018	
1627		HIP 23092	74.54546	-2.212735	6.338	A1V	1596	31739		Orion	454.0399	0.11	
1628		HIP 23123	74.63709	1.714013	4.459	K2-IIb	1601	31767	π 6 Orion	Orion	953.2178	1.369	
1629		HIP 23148	74.71236	-82.47051	5.828	G8/K0III	1716	34172	ξ Mensae	Mensa	349.0352	0.932	
1630		HIP 23161	74.74754	14.54324	6.058	B7IIIe	1600	31764		Orion	670.7810	0.156	
1631			74.75568	-16.37603	5.92	~	1604	31925A		Lepus	140.6993	0.447	
1632		HIP 23179	74.81420	37.89024	5	A1V	1592	31647	ω Aurigae	Auriga	159.0244	0.037	
1633		HIP 23216	74.94303	53.15545	6.083	K3III	1588	31579	8 Cam	Camelopa	767.0587	1.462	
1634		HIP 23221	74.96022	-10.26331	5.39	G4IV-V+D/	1608	32008	63 Eri	Eridanus	178.2395	0.797	
1635		HIP 23231	74.98223	-12.53741	4.77	F0V	1611	32045	64 Eri	Eridanus	290.8119	0.267	4.77 4.8
1636		HIP 23251	75.05515	-78.30002	6.279	K5/M0III	1682	33519		Mensa	1072.367	1.517	
1637		HIP 23261	75.07641	39.39470	5.97	F5V	1599	31761	5 Aur	Auriga	172.8527	0.415	
1638		HIP 23265	75.08634	81.19409	5.09	K3III	1523	30338		Cepheus	344.6081	1.304	
1639		HIP 23268	75.09672	39.65465	6.48	K5III	1602	31780	6 Aur	Auriga	1244.273	1.677	
1640		HIP 23296	75.16586	-2.066030	6.32	A9V	1613	32115		Orion	161.6262	0.293	
1641		HIP 23311	75.20416	-5.753673	6.21	K3+V	1614	32147		Eridanus	28.73259	1.049	
1642		HIP 23362	75.35658	-20.05191	4.885	B9V	1621	32309		Lepus	208.9745	-0.047	
1643		HIP 23364	75.35977	-7.173964	4.81	B3IV	1617	32249	ψ Eridani	Eridanus	956.0116	-0.164	
1644		HIP 23377	75.39384	-39.71804	6.007	G8III	1631	32453		Caelum	366.2937	0.893	
1645			75.40018	61.07799	6.026	~	1593	31662A		Camelopa	120.2953	0.448	
1646		HIP 23408	75.45980	0.722109	5.908	K2III	1618	32263		Orion	497.7108	1.267	
1647	Almaaz	HIP 23416	75.49222	43.82331	2.99	A9Ia	1605	31964	ϵ Aurigae	Auriga	2037.500	0.537	2.92 3.83
1648		HIP 2343(	75.54092	-26.27502	5.002	K1III	1628	32436		Lepus	242.3791	1.056	
1649		HIP 23442	75.58255	74.26936	6.04	K5III	1572	31312		Camelopa	628.1305	1.562	
1650		HIP 2344(	75.59501	-31.77133	5.903	K2III	1635	32515		Caelum	329.2927	1.17	

1651	Saclateni	HIP 23453	75.619514	41.07583	3.75	K5II+B7V	1612	32068	ζ Aurigae	Auriga	787.4402	1.154	3.7	3.97
1652		HIP 23467	75.67915	-71.31429	5.294	G8III	1677	33285	β Mensae	Mensa	641.7312	0.996		
1653		HIP 23474	75.68741	-22.79505	5.738	K1IV	1634	32503	1 Lep	Lepus	524.1169	1.188		
1654		HIP 23475	75.68914	-4.210121	5.853	K2IIIbCN1	1625	32393	287 G. Eri	Eridanus	311.0686	1.212		
1655		HIP 23482	75.70285	-49.15140	5.372	F5V	1649	32743	η 1 Pictori	Pictor	85.36280	0.421		
1656		HIP 23497	75.77394	21.58996	4.615	A7V	1620	32301	ι Tauri	Taurus	162.9185	0.155		
1657		HIP 23511	75.82765	41.44164	6.111	A3III	1615	32188		Auriga	2037.500	0.188		
1658		HIP 23522	75.85454	60.44224	4.02	G1Ib	1603	31910	β Camelo	Camelopa	996.9409	0.921		
1659		HIP 23551	75.96718	-14.37022	6.406	B2IV	1640	32612		Lepus	1319.837	-0.187		
1660		HIP 23554	75.97196	-24.38814	5.582	A2IV	1645	32667		Lepus	195.7959	0.094		
1661		HIP 23555	75.97480	-41.74495	6.303	F8V	1651	32820		Caelum	102.0983	0.528		
1662		HIP 23582	76.05331	73.76388	6.22	K0	1587	31563		Camelopa	1330.611	1.609		
1663		HIP 23583	76.06070	30.49458	6.16	K0II-III	1626	32406		Auriga	581.1049	1.208		
1664		HIP 23589	76.08995	21.27792	6.188	K0	1633	32482		Taurus	615.0937	1.324		
1665		HIP 23595	76.10167	-35.48297	4.574	K2III-IIIb	1652	32831	γ 1 Caeli	Caelum	184.9121	1.177		
1666		HIP 23596	76.10898	-35.70510	6.31	F2IV/V	1653	32846	γ 2 Caeli	Caelum	333.6741	0.311	6.28	6.39
1667		HIP 23607	76.14228	15.40410	4.661	A1VpSiCr	1638	32549	11 Ori	Orion	399.9988	-0.064	4.65	4.69
1668		HIP 23617	76.16528	74.06695	6.12	A1V	1589	31590		Camelopa	537.0688	0.018		
1669		HIP 23643	76.22718	-3.039676	6.031	B4II/III	1646	32686		Orion	3075.472	-0.117		
1670		HIP 23649	76.24172	-49.57783	5.01	K5III	1663	33042	η 2 Pictori	Pictor	473.8379	1.484		
1671		HIP 23653	76.25252	-54.40740	6.261	M2III	1667	33116		Pictor	699.5701	1.554		
1672		HIP 23668	76.31748	-26.15239	5.695	K2III	1655	32890		Lepus	240.0589	1.166		
1673		HIP 23680	76.34882	1.177626	6.1	C-N5	1648	32736	W Ori	Orion	699.5701	3.332		
1674		HIP 23685	76.36526	-22.37103	3.18	K4III	1654	32887	ϵ Leporis	Lepus	226.5462	1.46		
1675		HIP 23693	76.37773	-57.47270	4.708	F9VFe-0.5	1674	33262	ζ Doradus	Dorado	37.98194	0.526		
1676		HIP 23724	76.50383	35.93635	6.5	A5V	1639	32608		Auriga	268.5337	0.184		
1677		HIP 23734	76.53521	58.97237	5.08	B3Ve	1622	32343	11 Cam	Camelopa	670.7810	-0.08	5.08	5.15
1678		HIP 23737	76.53730	-73.03767	6.257	A1V	1700	33875		Mensa	423.3763	0.01		
1679		HIP 23743	76.55057	59.02133	6.13	K0IIIe	1623	32357	12 Cam	Camelopa	624.5216	1.112	6.18	6.32
1680		HIP 23766	76.62379	61.16974	5.994	K5II	1624	32356		Camelopa	563.0413	1.38		

1681	Haedus	HIP 23767	76.628725	41.234475	3.18	B3V	1641	32630	η Aurigae	Auriga	219.2334	-0.148		
1682		HIP 23777	76.653095	-13.12262	6.039	B9.5/A0IV	1661	32996		Lepus	363.0304	-0.03		
1683		HIP 23794	76.690219	-4.655166	5.12	B9V	1657	32964	66 Eri	Eridanus	279.82838	-0.059		
1684		HIP 23799	76.706480	43.174705	6.207	F0IIIa	1644	32655		Auriga	860.1578	0.444		
1685		HIP 23818	76.790603	-19.39190	6.44	G1V		33095		Lepus	123.2981	0.648		
1686		HIP 23831	76.854013	-12.49127	5.956	G0IV	1665	33093		Lepus	118.1160	0.606		
1687		HIP 23840	76.891778	-63.39967	5.205	M3III	1695	33684	WZ Dor	Dorado	626.9243	1.646	5.2	5.32
1688		HIP 23871	76.951665	20.418376	5.28	A5IV	1658	32977	l Tau	Taurus	173.4043	0.118		
1689		HIP 23874	76.957533	-12.59265	6.33	M1III		33162		Lepus	763.4661	1.617		
1690	Cursa	HIP 23875	76.962395	-5.086496	2.79	A3IV	1666	33111	β Eridani	Eridanus	88.80405	0.161		
1691		HIP 23879	76.970356	8.498434	5.72	~	1664	33054	* i Ori A	Orion	193.5866	0.338		
1692		HIP 23883	76.980978	21.704819	5.92	B2Ve	1660	32991	105 Tau	Taurus	1031.646	0.168		
1693		HIP 23900	77.027593	24.265174	5.5	B2V	1659	32990	103 Tau	Taurus	3227.723	0.03		
1694		HIP 23908	77.055254	-15.09534	6.39	K1III+F/G		33238		Lepus	710.2401	0.889		
1695		HIP 23916	77.084127	-8.665325	5.78	B8III	1671	33224	291 G. Eri	Eridanus	759.9062	-0.059		
1696		HIP 23941	77.182077	-4.456208	5.119	F5.5VkF4r	1673	33256	68 Eri	Eridanus	81.52055	0.455		
1697		HIP 23949	77.210138	19.859859	6.5	G5III		33121		Taurus	548.8211	0.903		
1698		HIP 23972	77.286600	-8.754083	4.27	B2III(e)p	1679	33328	λ Eridani	Eridanus	1752.687	-0.187	4.22	4.34
1699		HIP 23983	77.331846	9.829584	5.43	A2m	1672	33254	16 Ori	Orion	175.8359	0.249		
1700	Mago	HIP 24003	77.403001	69.639404	6.42	K1III	1636	32518		Camelopa	382.8098	1.109		
1701		HIP 24010	77.424821	15.597213	4.82	F2IV	1676	33276	15 Ori	Orion	318.3596	0.313		
1702		HIP 24019	77.437890	28.030468	5.997	A7VAm:	1670	33204	V1156 Tau	Taurus	178.3370	0.311		
1703		HIP 24041	77.513590	-0.565321	6.102	K1III	1681	33419		Orion	314.3684	1.098		
1704		HIP 24114	77.685794	-25.91045	6.395	K1III/IV	1694	33667		Lepus	724.4439	1.246		
1705		HIP 24126	77.738521	-48.50707	6.5	M7e		33894		Pictor	1680.612	3.96	6.5	14
1706		HIP 24130	77.741767	-2.254114	6.236	K1-IV	1685	33555		Orion	157.7928	0.984		
1707		HIP 24162	77.829901	-2.490782	5.892	F5V	1687	33608		Orion	125.1921	0.462		
1708		HIP 24169	77.845298	-11.84908	5.68	M6III	1693	33664	RX Lep	Lepus	446.5745	1.35	5	7.4
1709		HIP 24193	77.909630	29.903563	6.423	M2III		33463		Auriga	1143.859	1.752		
1710		HIP 24197	77.923183	16.045674	5.163	K5III	1684	33554		Orion	321.1824	1.525		

1711			77.93895	1.037023	6.15	~	1691	33646A		Orion	915.7310	0.662		
1712		HIP 24203	77.93965	1.037028	5.89	A2/3V+KII	1691	33646		Orion	915.7310	0.662		
1713		HIP 24244	78.07462	-11.8691	4.45	B7.5Vn	1696	33802	ι Leporis	Lepus	240.9460	-0.099		
1714		HIP 24254	78.09356	73.94667	5.45	B9.5VpSi	1643	32650	BN Cam	Camelopa	374.2839	-0.108	5.3	5.35
1715			78.1625	73.97472	4.2	~			C 0516+7	Camelopardalis				
1716		HIP 24294	78.20053	-6.05718	5.892	G7III	1697	33833		Orion	445.9648	0.96		
1717		HIP 24305	78.23292	-16.2054	3.29	B9IV:HgM	1702	33904	μ Leporis	Lepus	133.0066	-0.11	2.97	3.41
1718		HIP 24313	78.26172	61.8500	6.167	A2III	1675	33266		Camelopa	477.3065	0.032		
1719		HIP 24327	78.30782	-12.9412	4.44	B7V	1705	33949	κ Leporis	Lepus	559.1782	-0.094		
1720		HIP 24332	78.32269	37.33731	6.47	F8V		33632		Auriga	84.67525	0.542		
1721		HIP 24331	78.32283	2.861239	4.48	K1III	1698	33856	ρ Orionis	Orion	343.5193	1.166		
1722		HIP 24340	78.35717	38.48449	4.821	A4m	1689	33641	μ Aurigae	Auriga	162.3506	0.189		
1723		HIP 24348	78.38018	62.69113	6.477	A7Vn	1678	33296	14 Cam	Camelopa	268.0920	0.204		
1724		HIP 24349	78.38148	1.967679	6.09	A2/3V+(K	1701	33883		Orion	878.7072	0.421		
1725		-	78.38864	-8.14776	6.372	B5III	1704	33948		Orion		-0.129		
1726		HIP 24372	78.43939	-67.1852	4.801	K2+III	1744	34649	θ Doradus	Dorado	546.0632	1.274		
1727		HIP 24377	78.44690	0.560414	6.323	K4III	1703	33946		Orion	831.6328	1.463		
1728		HIP 24384	78.47222	-52.0307	6.023	K3III	1727	34347		Pictor	701.0762	1.392		
1729		HIP 24394	78.49978	-14.6068	6.21	A9II/III	1710	34045		Lepus	244.9287	0.377		
1730		HIP 24426	78.62019	-35.9769	5.731	G8III	1721	34266		Columba	484.3970	1.009		
1731	Rigel	HIP 24436	78.63446	-8.20163	0.13	B8Ia	1713	34085	β Orionis	Orion	863.0003	-0.03		
1732		HIP 24440	78.64800	76.47275	6.42	A0III:	1650	32781		Camelopa	420.6444	-0.011		
1733		HIP 24450	78.68353	5.156146	5.494	K4III	1709	34043		Orion	598.1645	1.369		
1734		HIP 24451	78.68446	53.21394	6.16	A0V	1692	33654		Auriga	1715.790	0.084		
1735		HIP 24479	78.79750	59.40568	6.135	K2III	1688	33618		Camelopa	307.2573	1.179		
1736		HIP 24493	78.82707	-1.40915	6.154	F2/3V	1717	34180		Orion	149.7474	0.401		
1737		HIP 24505	78.85155	-26.9435	5.04	B9V	1723	34310		Lepus	272.1204	-0.067		
1738		HIP 24504	78.85164	32.68759	5	A8III	1706	33959	KW Aur	Auriga	268.5337	0.222	4.95	5.08
1739		HIP 24507	78.85348	-73.5884	6.5	A6V		35184		Mensa	358.6359	0.15		
1740		HIP 24512	78.86522	22.28485	6.27	A2V	1711	34053	108 Tau	Taurus	657.2586	0.075		

1741		HIP 2452(	78.91172(	-52.18217	6.45	K2III	1742	34587		Pictor	855.6427:	1.213		
1742		HIP 24555	79.01722:	11.34135	5.515	A0V	1718	34203	18 Ori	Orion	367.9465	-0.012		
1743		HIP 2456(	79.04398	-11.35255	6.46	A2/3V+G8III+K1III		34318		Lepus	838.0452:	0.67		
1744		HIP 24575	79.07562:	34.31231	5.96	O9.5V	1712	34078	AE Aur	Auriga	1455.359(	0.199	5.78	6.08
1745		HIP 24607	79.17099	1.947327:	6.408	A0V	1724	34317		Orion	608.2086:	-0.015		
1746	Capella	HIP 24608	79.17232	45.99799	0.08	G3III:	1708	34029	α Aurigae	Auriga	42.17886:	0.795		
1747		HIP 24645	79.32371	53.58611	6.5	M6.5-8.5e	1707	34019		Auriga	932.99528		6.7	13.9
1748		HIP 24659	79.37120:	-34.89520	4.83	K1IV	1743	34642	o Columb	Columba	110.02372	0.987		
1749		HIP 24674	79.40162(	-6.844407	3.59	B6III	1735	34503	τ Orionis	Orion	554.4218	-0.115		
1750		HIP 24679	79.41767	-13.51982	5.488	G8IV	1737	34538		Lepus	157.5639	0.932		
1751		HIP 24732	79.55517	73.26809	5.83	A0V	1683	33541		Camelopa	358.63598	-0.023		
1752		HIP 24738	79.56540	42.79211(	5.65	M4III	1722	34269	PU Aur	Auriga	693.6174(	1.492	5.64	5.74
1753		HIP 2474(	79.57873	33.76736	6.144	B9V+B9.5	1728	34364	AR Aur	Auriga	397.5603	-0.043	6.15	6.82
1754		HIP 24771	79.66803(	40.46512	6.199	K0	1725	34332		Auriga	676.3491	1.386		
1755		HIP 24786	79.71030	-18.13005	5.96	G0V	1747	34721		Lepus	81.27638	0.572		
1756		HIP 24799	79.75011	33.74839	5.371	A0p	1732	34452	IQ Aur	Auriga	447.8035	-0.167	5.35	5.43
1757		HIP 24813	79.78531	40.09905	4.71	G1.5IV-VF	1729	34411	λ Aurigae	Auriga	41.22400	0.63		
1758		HIP 24817	79.79675(	2.595799	5.325	F5III-IV	1746	34658	21 Ori	Orion	197.9358	0.412		
1759		HIP 2482(	79.81121(	20.13459	6.107	K0III	1741	34579		Taurus	431.2166	1.02		
1760		HIP 24822	79.81919	22.09650	4.948	G8III	1739	34559	109 Tau	Taurus	205.9381	0.937		
1761		HIP 24825	79.82265	-18.51991	6.39	B5Vs	1753	34798		Lepus	791.2609	-0.134		
1762		HIP 24829	79.84222	-50.60596	5.45	F6IV	1767	35072	ζ Pictoris	Pictor	117.6896:	0.517		
1763		HIP 24831	79.84868	-27.36888	5.972	A0V	1758	34868		Columba	445.9648	-0.022		
1764		HIP 24832	79.84897	33.98538	6.489	A7V	1734	34499	18 Aur	Auriga	235.3792	0.256		
1765		HIP 2483(	79.86608(	58.11736	6.125	B5V	1719	34233	15 Cam	Camelopa	878.7072:	-0.031		
1766		HIP 24845	79.89384	-13.17676	4.29	B0.5V	1756	34816	λ Leporis	Lepus	1075.907	-0.235		
1767		HIP 24847	79.89702(	-1.411911	6.35	B3V	1748	34748		Orion	1862.859:	-0.105		
1768		HIP 24873	79.99592	-12.31558	5.284	B7/8V	1757	34863	v Leporis	Lepus	331.6366	-0.104		
1769		HIP 24879	80.00383	33.95805	5.03	A5II+	1740	34578	19 Aur	Auriga	3075.472(	0.287		
1770		HIP 24881	80.00966	44.42538	6.48	K0	1733	34498		Auriga	947.6758	1.331		

1771	HIP 24902	80.06114	41.08623	5.456	A3V	1738	34557		Auriga	305.8161	0.122		
1772	HIP 24909	80.08628	-34.69884	6.336	F0/2IV	1766	35046		Columba	698.0738	0.318		
1773	HIP 24914	80.09421	62.65371	5.598	K4I	1720	34255		Camelopa	1975.759	1.728		
1774	HIP 24925	80.11003	-5.367525	6.42	B8II	1759	34880		Orion	679.1658	-0.047		
1775	HIP 24927	80.11214	-21.23976	4.729	A0V	1762	34968		Lepus	458.5093	-0.048		
1776	HIP 24955	80.16951	66.74687	6.38	G5		34200		Camelopa	383.5293	0.921		
1777	HIP 24960	80.18234	2.544779	6.43	G8III		34878		Orion	414.7568	1.041		
1778	HIP 24977	80.23589	19.81434	6.205	K0III	1755	34810		Taurus	624.5216	1.229		
1779	HIP 24984	80.24720	27.95726	6.33	B9IV	1750	34762		Taurus	695.0974	0.039		
1780	HIP 25001	80.30286	29.56988	5.67	A1Vs	1752	34790		Auriga	278.1569	0.06		
1781	HIP 25007	80.32025	-34.34504	6.09	B3IVe	1772	35165	AN Col	Columba	1895.348	-0.176	6.03	6.11
1782	HIP 25028	80.38268	-0.416492	5.68	B5II/III	1764	35007		Orion	1075.907	-0.125		
1783	HIP 25041	80.43150	8.428555	5.8	B1V	1763	34989		Orion	735.8930	-0.114		
1784	HIP 25044	80.44061	-0.382466	4.74	B2IV	1765	35039	22 Ori	Orion	1288.538	-0.168		
1785	HIP 25045	80.44268	-24.77297	5.34	G8/K0II/II	1771	35162		Lepus	293.9585	0.662		
1786	HIP 25045	80.44272	-24.77298	5.06	G8/K0II/II	1771	35162		Lepus	293.9585	0.662		
1787	HIP 25048	80.45173	41.80457	5.207	B4V	1749	34759	ρ Aurigae	Auriga	641.7312	-0.129		
1788	HIP 25059	80.48045	-17.60363	6.47	K0III		35137		Lepus	461.1043	1.206		
1789		80.577	41.025	4.2	Open Cluster			C 0519+4(	Auriga				
1790	HIP 25098	80.59227	-56.13439	6.086	B8/9V	1801	35580	κ Pictoris	Pictor	749.4253	-0.091		
1791	HIP 25142	80.70834	3.544458	5	B2IV/V	1770	35149	23 Ori	Orion	961.6514	-0.096		
1792	HIP 25143	80.70964	41.02925	5.542	A3V	1760	34904		Auriga	299.9080	0.127		
1793	HIP 25180	80.79997	-26.70543	6.49	F6V	1785	35386		Lepus	170.8595	0.505		
1794	HIP 25187	80.82712	-8.415594	6.15	B8III	1778	35281		Orion	493.1925	-0.037		
1795	HIP 25192	80.84530	28.93676	6.46	B9Vs	1768	35076	22 Aur	Auriga	592.7268	-0.04		
1796	HIP 25194	80.85010	-39.67841	5.77	M2III	1793	35515	SW Col	Columba	561.1016	1.626	5.71	6.05
1797	HIP 25197	80.86601	57.54439	5.25	A0Vne	1751	34787	16 Cam	Camelopa	339.9366	-0.011		
1798	HIP 25202	80.87565	-13.92735	5.229	B2IV	1783	35337	8 Lep	Lepus	1811.113	-0.219		
1799	HIP 25205	80.87943	5.323086	6.334	hA3VamA	1777	35242	V1649 Ori	Orion	244.7449	0.123	6.34	6.35
1800		80.8942	-69.7561	0.4	Galaxy			NAME LM	Dorado				

1801		HIP 25216	80.90712(	16.69926!	6.096	A2IV	1774	35189	110 Tau	Taurus	445.3552(	0.141		
1802		HIP 25223	80.92628!	-0.159818	5.7	B1.5V	1781	35299		Orion	808.9334:	-0.208		
1803		HIP 25247	80.98678:	-7.808062	4.12	G8+III	1784	35369	29 Ori	Orion	174.2385:	0.943		
1804		HIP 2528(	81.11869!	-16.97577	5.636	A0V	1792	35505		Lepus	219.6764:	-0.001		
1805		HIP 25281	81.11923(	-2.397147	3.35	B1V+B2:	1788	35411	η Orionis	Orion	900.5524!	-0.24	3.31	3.6
1806		HIP 25281	81.11923!	-2.397146	3.59	B1V	1788	35411	* eta Ori A	Orion	900.5524!	-0.24	3.31	3.6
1807		HIP 25281	81.11971:	-2.397030	4.89	B2:	1788	35411	* eta Ori B	Orion	900.5524!	-0.24	3.31	3.6
1808		HIP 25282	81.12040-	-0.891334	5.072	G9III-IVBa	1787	35410	27 Ori	Orion	172.2134(	0.961		
1809		HIP 25288	81.15042!	2.353164:	6.297	B3V	1786	35407		Orion	1225.5648	-0.145		
1810		HIP 2529(	81.16009(	31.22391:	6.29	K1III	1775	35238		Auriga	744.2941:	1.251		
1811		HIP 25291	81.16049!	31.14314!	5.925	B9III	1776	35239		Auriga	821.1584:	0.034		
1812		HIP 25292	81.16308!	37.38534!	4.996	K3IIICN+2	1773	35186	σ Aurigae	Auriga	513.3849:	1.445		
1813		HIP 25301	81.18666:	36.19994!	6.46	K2		35202		Auriga	1495.414(	1.645		
1814		HIP 25302	81.18678(	1.846444!	4.96	B1Vn	1789	35439	ψ 1 Orion	Orion	1108.843:	-0.2	4.92	4.96
1815		HIP 25303	81.19286:	-52.31624	6.23	A0V	1818	35860	θ Pictoris	Pictor	510.00018	0.067		
1816		HIP 25317	81.23156!	-44.22568	6.084	K1III	1813	35765		Pictor	531.8105(	1.195		
1817		HIP 25322	81.24756!	73.70719!	6.47	M0.5IIIbBa0.5		34450		Camelopa	1253.845:	1.738		
1818		HIP 25329	81.25726(	-10.32888	5.586	K4III	1799	35536		Orion	635.4785-	1.543		
1819	Bellatrix	HIP 25336	81.28276:	6.3497032	1.64	B2III	1790	35468	γ Orionis	Orion	242.9209:	-0.224		
1820		HIP 25368	81.40207(	-1.491293	6.42	B5II/III		35575		Orion	791.2609!	-0.162		
1821		HIP 25378	81.44591:	0.5202419	6.144	B2V	1803	35588		Orion	1582.5251	-0.178		
1822		HIP 25397	81.49927:	-19.69540	5.817	F5V	1812	35736		Lepus	140.2755!	0.441		
1823		HIP 25401	81.50984(	-5.518505	6.233	B8/9V	1806	35640		Orion	666.6669:	-0.047		
1824		HIP 2541(	81.52384:	16.70015!	6.23	B2Vn	1798	35532	113 Tau	Taurus	654.6180(	-0.084		
1825		HIP 25412	81.52580(	-86.38826	6.4	M5.5e		40857	R Oct	Octans	1901.5653		6.4	13.2
1826	Elnath	HIP 25428	81.57297:	28.607451	1.65	B7III	1791	35497	β Tauri	Taurus	130.9764(	-0.13		
1827		HIP 25429	81.58027-	-58.91251	5.129	G8III	1836	36189	λ Doradus	Dorado	467.0473:	0.986		
1828		HIP 25453	81.66178!	6.8686581	6.399	B9V	1807	35656		Orion	305.2436:	-0.023		
1829		HIP 25471	81.70334!	34.39180(	5.905	A1p	1795	35520		Auriga	1288.5382	0.138		
1830		HIP 25473	81.70928!	3.0956728	4.611	B2IV	1811	35715	ψ 2 Orion	Orion	1417.393(	-0.199	4.55	4.61

1831		HIP 25475	81.71367	33.26225	6.158	K0	1796	35521		Auriga	343.8812	1.152		
1832		HIP 25476	81.72632	35.45727	6.151	K2	1794	35519		Auriga	644.2675	1.453		
1833			81.7292	35.4567	6.17	~			NGC 1912	Auriga				
1834		HIP 25482	81.74918	-68.62254	6.12	F0IV/V	1859	36584		Dorado	247.7203	0.346		
1835		HIP 25486	81.76984	-11.90096	6.295	F8V(n)k:	1817	35850		Lepus	87.49320	0.553	6.26	6.35
1836		HIP 25488	81.77213	-40.94352	5.847	A5mA5-F2	1827	36060		Columba	309.8859	0.239		
1837		HIP 25492	81.78446	30.20860	5.72	B9Ib	1804	35600		Auriga	2312.058	0.175		
1838		HIP 25499	81.79206	17.96221	5.404	B5V	1808	35671	115 Tau	Taurus	668.0329	-0.09		
1839		HIP 25502	81.80789	15.25762	6.182	A1IV	1809	35693		Orion	461.1043	0.083		
1840		HIP 25505	81.81417	2.341202	6.35	K0III		35775		Orion	425.0324	0.965		
1841		HIP 25532	81.90208	-21.37571	6.065	K0III	1823	35991		Lepus	379.5097	1.032		
1842		HIP 25539	81.90868	21.93696	4.868	B2.5V	1810	35708	114 Tau	Taurus	695.0974	-0.14		
1843		HIP 25541	81.91201	34.47587	5.059	K3IIIFe1	1805	35620	ϕ Aurigae	Auriga	400.4911	1.4		
1844		HIP 25555	81.94003	15.87405	5.515	B9.5Vn	1814	35770	116 Tau	Taurus	564.9907	0.015		
1845		HIP 25582	82.00612	1.298250	6.38	B2V	1820	35912		Orion	1160.143	-0.173		
1846		HIP 25583	82.00670	17.23912	5.758	M1III	1816	35802	117 Tau	Taurus	704.1048	1.634		
1847	Nihal	HIP 25606	82.06134	-20.75944	2.84	G5II-IIIa:	1829	36079	β Leporis	Lepus	159.1020	0.807		
1848		HIP 25608	82.06389	-37.23076	5.552	A0V	1835	36187		Columba	293.6938	0.026		
1849		HIP 25638	82.14488	13.67897	6.34	A4V	1819	35909		Orion	321.8165	0.168		
1850			82.167	35.824	6.4	Open Cluster			M 38	Auriga				
1851		HIP 25667	82.23712	-3.307429	6.38	B9V	1826	36058		Orion	761.6829	-0.007		
1852		HIP 25695	82.31874	25.15021	5.84	B8.5V	1821	35943	* 118 Tau	Taurus	433.5116	-0.042		
1853		HIP 25695	82.31875	25.15021	5.48	B9V	1821	35943	118 Tau	Taurus	433.5116	-0.042		
1854		HIP 25708	82.34868	-3.446393	5.78	K1-IIIFe-0.	1830	36134		Orion	467.0473	1.149		
1855		HIP 25730	82.41939	29.18646	6.19	F6III	1822	35984		Auriga	290.0357	0.476		
1856		HIP 25732	82.42336	-0.802546	6.5	A5III/IV		36150		Orion	391.3566	0.251		
1857		HIP 25737	82.43325	-1.092238	4.71	K4III	1834	36167	31 Ori	Orion	455.9437	1.592	4.67	4.71
1858		HIP 25751	82.47822	1.789259	5.745	B2V	1833	36166		Orion	1253.845	-0.192		
1859		HIP 25768	82.53949	-47.07765	5.453	F8/G2	1856	36553		Pictor	142.5448	0.615		
1860		HIP 25769	82.54251	63.06721	5.407	M1III	1802	35583	17 Cam	Camelopa	931.4279	1.704		

1861		HIP 2577(	82.55784	-84.78510	6.186	B9.5IV/V	2059	39780	TZ Men	Mensa	348.6636	-0.003	6.19	6.87
1862		HIP 25781	82.56613(	-63.92768	6.19	F0IV	1882	36876		Dorado	399.5098	0.225		
1863		HIP 25785	82.58301	4.204794	6.202	K2/3III	1837	36217	CK Ori	Orion	573.9427	1.28	5.9	7.1
1864		HIP 2578(	82.58647	-7.434816	6.313	B2V	1840	36285		Orion	1216.417	-0.194		
1865		HIP 2579(	82.60901	15.36044	5.934	A3Vn	1832	36162		Orion	344.2463	0.103		
1866		HIP 2580(	82.68061(	22.46225	6.291	K0	1831	36160		Taurus	394.6720	1.18		
1867		HIP 2581(	82.68784	39.82591	6.377	G9III	1825	36041		Auriga	460.4523	0.986		
1868		HIP 25813	82.69604	5.948136	4.2	B5IV+B7V	1839	36267	32 Ori	Orion	288.4957	-0.143		
1869		HIP 25813	82.69604(	5.948145	4.46	B5IV	1839	36267	* 32 Ori A	Orion	288.4957	-0.143		
1870		HIP 25813	82.69628	5.948367	5.76	B7V	1839	36267	* 32 Ori B	Orion	288.4957	-0.143		
1871		HIP 2581(	82.70271	41.46199	5.991	K0.5IIIbCN	1824	36040		Auriga	385.7983(	1.112		
1872		HIP 25853	82.78178	-20.86365	5.525	A0V	1849	36473	10 Lep	Lepus	271.6666	0.012		
1873		HIP 25859	82.80311	-35.47050	3.87	K1II/III	1862	36597	ϵ Columba	Columba	276.9755(	1.13		
1874		HIP 25861	82.81054	3.292131	5.46	B3II/III	1842	36351	33 Ori	Orion	1567.307	-0.176		
1875		HIP 25861	82.81055	3.292133	5.74	~	1842	36351	* n01 Ori	Orion	1567.307	-0.176		
1876		HIP 25869	82.83705	-6.708380	6.208	B3V	1848	36430		Orion	1762.164	-0.178		
1877		HIP 25887	82.90000	-45.92531	5.844	K3III	1870	36734		Pictor	468.3904	1.349		
1878		HIP 25918	82.97021	-76.34090	5.2	K2III	1953	37763	γ Mensae	Mensa	100.5240	1.13		
1879		HIP 25923	82.98274	-7.301537	4.63	O9.7V	1855	36512	υ Orionis	Orion	1545.025	-0.261		
1880	Mintaka	HIP 2593(	83.00166	-0.299095	2.41	O9.5IINwk	1852	36486	δ Orionis	Orion	1200.000	-0.175	2.14	2.26
1881		HIP 25945	83.05313	18.59423(	4.33	M2Iab-Ib	1845	36389	119 Tau	Taurus	1917.646	2.06	4.23	4.54
1882		HIP 2595(	83.05892	17.05813	6.09	B5V	1847	36408		Taurus	1116.439	-0.004		
1883			83.06069	17.05604	6.49	B8V	1847	36408B		Taurus	1116.439	-0.004		
1884		HIP 2597(	83.15826	0.011924	6.16	K4III		36558		Orion	1495.414(	1.553		
1885		HIP 2598(	83.17229	-1.591832	5.34	B1IV	1861	36591		Orion	2566.931	-0.188		
1886		HIP 25984	83.18197(	32.19202	4.79	B4Ia	1843	36371	χ Aurigae	Auriga	4075.001	0.281		
1887	Arneb	HIP 25985	83.18256	-17.82228	2.57	F0Ib	1865	36673	α Leporis	Lepus	1283.465	0.211		
1888		HIP 25993	83.21422(	-38.51336	5.456	K2/3III	1877	36848		Columba	172.3044	1.224		
1889		HIP 26001	83.24819(	-64.22751	5.341	G8/K0III	1917	37297		Dorado	231.6987	1.039		
1890		HIP 2602(	83.28060(	-1.717359	6.46	B3V	1863	36646		Orion	2762.714(	-0.099		

1891		HIP 26019	83.28078(	-35.13937	5.758	K0III	1881	36874		Columba	277.6833(	1.085		
1892		HIP 26054	83.36418:	32.80118:	6.474	A2m	1850	36484		Auriga	296.9036:	0.094		
1893		HIP 26063	83.38102:	-1.156072	5.34	B1V+B4.5'	1868	36695	VV Ori	Orion	1852.2739	-0.175	5.31	5.66
1894		HIP 26064	83.38179:	18.54022:	5.69	B2IV-Ve	1858	36576	120 Tau	Taurus	1873.565(	-0.022	5.53	5.69
1895		HIP 26069	83.40631(	-62.48982	3.76	F8/G0Ib	1922	37350	β Doradus	Dorado	1038.2158	0.64	3.46	4.08
1896		HIP 26071	83.40922:	34.72557:	6.261	A3IV	1854	36499		Auriga	408.00869	0.17		
1897		HIP 26072	83.41182(	20.47421:	6.189	B6V	1860	36589		Taurus	799.01975	-0.034		
1898		HIP 26079	83.43484:	-54.90229	6.418	F8V	1912	37226		Pictor	183.14621	0.55		
1899		HIP 26093	83.47617:	14.30556:	5.593	B3V	1864	36653	35 Ori	Orion	513.38497	-0.118		
1900		HIP 26104	83.51030(	-7.023750	6.45	K0III		36814		Orion	636.7206(	1.116		
1901		HIP 26106	83.51621:	-1.035726	6.22	B2/3IV/V	1873	36779		Orion	1239.5437	-0.16		
1902		HIP 26108	83.51686:	-1.470242	5.895	K4III	1874	36780		Orion	842.37777	1.535		
1903		HIP 26126	83.56988:	3.7669062	5.326	A1V	1872	36777	38 Ori	Orion	344.97331	0.051		
1904		HIP 26149	83.62202:	-0.012346	6.251	G8II/III		36840		Orion	1230.1875	0.997		
1905		HIP 26169	83.68659:	-73.74127	5.85	M2/3III	1964	37993	WX Men	Mensa	1044.8727	1.717	5.72	5.87
1906		HIP 26176	83.70515(	9.4895862	4.41	B0.2IV	1876	36822	ϕ 1 Orioni	Orion	984.89524	-0.157		
1907		HIP 26190	83.73930:	-61.17604	6.311	G6III	1936	37501		Dorado	347.92036	0.845		
1908		HIP 26197	83.75419:	-6.009268	5.53	B1V	1886	36959		Orion	5927.2689	-0.228		
1909		HIP 26199	83.76117(	-6.002030	4.72	B0.5V	1887	36960		Orion	1862.8592	-0.248		
1910	Meissa	HIP 26207	83.78448:	9.9341642	3.47	O8III((f))	1879	36861	* lam Ori A	Orion	1176.8604	-0.16		
1911		HIP 26207	83.78449(	9.9341558	3.66	O8IIIf+B0.	1879	36861	λ Orionis	Orion	1176.8604	-0.16		
1912			83.792	9.813	2.8	Open Cluster			Cl Collinde	Orion				
1913		HIP 26215	83.80519(	10.24007:	5.638	B9IIIp	1883	36881		Orion	1461.8823	0.149		
1914			83.81	-5.924	2.5	Open Cluster			NGC 1980	Orion				
1915		HIP 26219	83.81448(	-33.07972	5.755	K2III-IIIbCl	1909	37192		Columba	317.12084	1.12		
1916		HIP 26221	83.81860:	-5.389700	5.13	O7Vp	1895	37022	θ 1 Orioni	Orion	1303.8957	0.02		
1917			83.84299:	-4.424319	6.35	~	1891	37016A		Orion	1128.0288	-0.148		
1918		HIP 26235	83.84542:	-5.416064	6.39	O9.5IVp	1897	37041	θ 2 Orioni	Orion	1695.2006	-0.097		
1919		HIP 26237	83.84651:	-4.838349	4.59	B1V+?	1892	37018	42 Ori	Orion	785.54291	-0.183		
1920			83.848	-4.486	4.2	Open Cluster			NGC 1981	Orion				

1921	Hatysa	HIP 26241	83.85827	-5.909888	2.77	O9IIIvar	1899	37043	ι Orionis	Orion	1343.764	-0.24		
1922		HIP 26235	83.86000	-5.416887	6.38	B0.7V	1897	37042	* tet02 Or	Orion	1695.200	-0.097		
1923		HIP 26248	83.86304	24.03959	5.38	B2.5IV	1875	36819	121 Tau	Taurus	599.2664	-0.092		
1924			83.87948	-4.364045	6.45	B3V	1898	37040A		Orion	1263.566	-0.16		
1925		HIP 26257	83.87949	-4.364049	6.38	B3V+B7V	1898	37040		Orion	1263.566	-0.16		
1926		HIP 26263	83.89960	-3.252838	6.41	B3III	1900	37055	V1377 Ori	Orion	2608.000	-0.122		
1927		HIP 26264	83.90074	-78.82086	6.033	B8III	1991	38602	ι Mensae	Mensa	795.1208	-0.018	6	6.05
1928		HIP 26268	83.91451	-4.856066	5.234	A9IV/V	1901	37077	45 Ori	Orion	370.4534	0.269		
1929		HIP 26291	83.98125	27.66234	6.247	K0	1878	36859		Taurus	799.0197	1.529		
1930		HIP 26300	84.01185	-47.31374	6.1	K2III	1927	37434	TX Pic	Pictor	521.6001	1.159	6.08	6.12
1931		HIP 26309	84.04289	-28.70801	6.256	A2III/IV	1915	37286		Columba	184.3892	0.151		
1932	Alnilam	HIP 26311	84.05338	-1.201919	1.69	B0Ia	1903	37128	ϵ Orionis	Orion	1341.565	-0.184	1.64	1.74
1933		HIP 26315	84.06649	47.71528	6.095	F0V:	1869	36719		Auriga	332.9928	0.295		
1934			84.084	34.135	6	Open Cluster			M 36	Auriga				
1935		HIP 26344	84.14674	54.42865	5.716	M0III	1866	36678		Auriga	745.9958	1.671		
1936		HIP 26345	84.14872	-6.064750	5.75	B2IV	1911	37209		Orion	1917.646	-0.212		
1937		HIP 26363	84.21840	40.18238	6.082	G3Ib	1884	36891		Auriga	2546.875	1.032		
1938		HIP 26366	84.22661	9.290671	4.09	G9.5IIIbFe	1907	37160	ϕ 2 Orioni	Orion	116.0143	0.951		
1939		HIP 26368	84.22907	-66.56028	6.274	A1IIIe	1960	37935		Dorado	855.6427	-0.052	6.26	6.29
1940		HIP 26382	84.26556	17.04032	5.525	F0V	1905	37147	122 Tau	Taurus	175.6465	0.237		
1941		HIP 26386	84.26826	11.03499	5.9	K5III	1908	37171		Orion	821.1584	1.592		
1942		HIP 26395	84.28655	-11.77551	6.089	A1V	1919	37306		Lepus	215.3237	0.051		
1943		HIP 26394	84.29119	-80.46912	5.67	G0V	2022	39091	π Mensae	Mensa	59.39310	0.6		
1944		HIP 26408	84.31277	64.15468	6.179	A0V	1857	36570	19 Cam	Camelopa	371.7216	0.006		
1945		HIP 26410	84.31676	66.69669	6.29	A8Vn	1853	36496		Camelopa	258.7303	0.231		
1946		HIP 26412	84.31876	-27.87145	6.14	F0IV	1926	37430	ν 1 Colum	Columba	145.2764	0.322		
1947		HIP 26414	84.33046	8.951874	6.095	B2IV-V	1913	37232		Orion	867.0201	-0.17		
1948		HIP 26427	84.36398	-5.938390	6.024	B2V(n)	1918	37303		Orion	1358.334	-0.21		
1949	Tianguan	HIP 26451	84.41118	21.14254	3.03	B1IVe_she	1910	37202	ζ Tauri	Taurus	416.8791	-0.148	2.88	3.17
1950		HIP 26460	84.43590	-28.68969	5.31	F5V	1935	37495	ν 2 Colum	Columba	138.4877	0.486		

1951		HIP 26463	84.44085	33.55916	6.355	K0	1904	37138		Auriga	498.4704	1.306		
1952		HIP 26477	84.47243	-4.81403	6.18	B3V	1923	37356		Orion	1120.276	-0.029		
1953		HIP 26487	84.50466	7.541416	5.852	B8III	1920	37320		Orion	556.3126	-0.061		
1954		HIP 26515	84.57258	-50.6409	6.42	A0V		37781		Pictor	521.6001	-0.047		
1955		HIP 26535	84.65822	-6.57395	5.96	B1.5IV	1933	37481		Orion	1567.307	-0.216		
1956		HIP 26536	84.65868	30.49241	5.406	A2.5V+F6I	1914	37269	26 Aur	Auriga	447.1873	0.45		
1957			84.67665	-69.1009	5.4	Cluster			RMC 136	Dorado				
1958		HIP 26545	84.68136	-40.7073	5.804	B8V	1947	37717		Columba	490.2259	-0.078		
1959		HIP 26549	84.68652	-2.60007	3.79	O9.5V+B0	1931	37468	σ Orionis	Orion	1147.888	-0.19		
1960		-	84.69668	-2.59458	6.46	B2IV-Vp_H	1932	37479	* sig Ori E	Orion		-0.08		
1961		HIP 26563	84.72117	-7.21282	4.8	A4Vn	1937	37507	49 Ori	Orion	153.4841	0.139		
1962		HIP 26571	84.73905	26.61807	6.43	G9III	1921	37329		Taurus	426.1440	0.98		
1963		HIP 26592	84.78623	41.35856	6.44	K0		37250		Auriga	249.8086	1		
1964		HIP 26594	84.79644	4.121468	4.59	B3Ve	1934	37490	ω Orionis	Orion	1621.889	-0.098	4.4	4.59
1965		HIP 26606	84.82630	29.21521	5.984	B2IV-V	1924	37367	V433 Aur	Auriga	1176.896	0.144		
1966		HIP 26616	84.86297	21.76295	6.43	A1Vn	1929	37439		Taurus	659.9187	0.066		
1967		HIP 26623	84.87850	-9.70662	6.481	B8II	1942	37635		Orion	565.9720	-0.107		
1968		HIP 26624	84.87979	-3.56470	5.974	A9V	1940	37594		Orion	134.9337	0.294		
1969	Phact	HIP 26634	84.91225	-34.0741	2.65	B9Ve	1956	37795	α Columb	Columba	268.0920	-0.12		
1970		HIP 26638	84.93211	75.04387	6.17	M0III	1844	36384		Camelopa	579.0414	1.606		
1971		HIP 26640	84.93416	25.89709	5.166	B3IV	1928	37438	125 Tau	Taurus	495.4419	-0.15		
1972		HIP 26649	84.95766	-32.6292	5.437	G6/8III	1958	37811		Columba	381.7330	0.913		
1973		HIP 26712	85.14961	31.35819	6.04	B9.5III-IVp	1938	37519		Auriga	502.3107	0.037		
1974		HIP 26713	85.15540	-2.82523	6.22	B1.5V	1950	37744		Orion	1680.413	-0.194		
1975		HIP 26718	85.17520	31.92061	6.21	M2Iab	1939	37536	NO Aur	Auriga	1369.748	2.088	6.1	6.3
1976		HIP 26727	85.18969	-1.94257	1.77	O9.7Ib+B0	1948	37742	ζ Orionis	Orion	779.1402	-0.199		
1977	Alnitak	HIP 26727	85.18969	-1.94257	1.9	O9.2Ibvar	1948	37742	* zet Ori A	Orion	779.1402	-0.199		
1978		HIP 26727	85.18988	-1.94321	3.73	O9.5II-III(n	1949	37743	* zet Ori B	Orion	779.1402	-0.199		
1979		HIP 26736	85.21131	-1.12878	4.95	B3V	1952	37756		Orion	2089.745	-0.197		
1980		HIP 26762	85.27331	0.337754	5.912	F0V	1955	37788		Orion	167.5233	0.311		

1981	HIP 26777	85.32382	16.53414	4.836	B3IV	1946	37711	126 Tau	Taurus	747.7073	-0.125			
1982	HIP 26779	85.33473	53.48105	6.23	K0V	1925	37394	V538 Aur	Auriga	39.90696	0.84			
1983	HIP 26781	85.33740	29.48741	6.392	B8IV	1945	37646		Auriga	502.3107	-0.081			
1984	HIP 26796	85.36219	-33.4007	6.342	B9.5V	1966	38056		Columba	431.7871	-0.04			
1985	HIP 26821	85.42296	-16.7258	6.2	B4/5III	1962	37971		Lepus	1220.974	-0.136			
1986	HIP 26853	85.51660	22.66032	6.35	K2	1954	37784		Taurus	359.0304	1.194			
1987	HIP 26862	85.54824	-30.5354	6.172	A0V	1972	38138		Columba	565.9720	0.023			
1988	HIP 26865	85.55816	-22.3737	5.89	A2/3V	1968	38090	12 Lep	Lepus	765.2591	0.08			
1989	HIP 26866	85.56031	-17.5303	6.144	K3III	1965	38054		Lepus	597.0692	1.376			
1990	HIP 26868	85.56331	-34.6678	5.283	B9/9.5V	1973	38170	WZ Col	Columba	362.6262	-0.032			
1991	HIP 26882	85.61020	65.69764	5.609	K5III	1916	37289		Camelopa	278.6326	1.249			
1992	HIP 26885	85.61930	1.474629	4.9	K1III	1963	37984	51 Ori	Orion	301.8519	1.144			
1993	HIP 26926	85.72464	-6.79616	5.965	F5V	1967	38089		Orion	163.4906	0.447			
1994	HIP 26942	85.75697	56.58152	6.045	K0III	1941	37601	24 Cam	Camelopa	200.4920	0.951			
1995	HIP 26953	85.78882	-1.61325	6.311	K4+III	1970	38099	V1197 Ori	Orion	679.1658	1.467	6.3	6.33	
1996	HIP 26964	85.83126	23.20437	6.21	B4Ve	1961	37967	V731 Tau	Taurus	1097.642	-0.071	5.98	6.27	
1997	HIP 26966	85.84029	-18.5574	5.727	A0V	1975	38206		Lepus	225.6057	-0.014			
1998	HIP 26981	85.87577	-39.4069	6.243	F3V	1981	38385		Columba	174.0524	0.377			
1999	HIP 27001	85.92141	-45.8328	6.364	A9V	1984	38458		Pictor	266.3398	0.295			
2000	HIP 27046	86.03519	61.47653	6.161	G5III:	1943	37638	23 Cam	Camelopa	317.7389	0.902			
2001		86.11056	-22.4218	6.15	K2.5V(k)	1982	38392	V* AK Lep	Lepus		0.94			
2002	HIP 27072	86.11579	-22.4483	3.6	F6V	1983	38393	γ Leporis	Lepus	29.2402	0.481			
2003	HIP 27075	86.11831	-20.1265	6.341	F8.5V	1980	38382		Lepus	83.26955	0.58			
2004	HIP 27100	86.19320	-65.7354	4.36	A7V	2015	39014	δ Doradus	Dorado	145.0178	0.217			
2005	HIP 27116	86.25536	12.88833	6.46	A3		38263		Taurus	347.5487	0.234			
2006	HIP 27118	86.25751	4.008232	6.089	F2V	1978	38309		Orion	164.7298	0.32			
2007	HIP 27196	86.47517	49.82627	5.46	A2VpCr	1971	38104	ο Aurigae	Auriga	482.2487	0.03			
2008	HIP 27204	86.49956	-32.3064	5.18	O9.5V	1996	38666	μ Columb	Columba	1343.120	-0.274			
2009	HIP 27212	86.51195	-4.26848	6.31	K0III	1986	38495		Orion	371.2978	1.05			
2010	HIP 27243	86.61405	-46.5971	5.302	K0/1II	2008	38871		Pictor	459.8036	1.04			

2011		HIP 27249	86.62662	56.11557	5.927	A4Vn	1969	38091	26 Cam	Camelopa	193.0135	0.164		
2012		HIP 27265	86.68957	15.82249	5.994	B8IIIpHg(M	1985	38478	129 Tau	Taurus	878.7072	-0.061		
2013		HIP 27280	86.71722	9.522339	5.768	G8III	1987	38527		Orion	299.6325	0.888		
2014		HIP 27288	86.73892	-14.8219	3.525	A2IV-V(n)	1998	38678	ζ Leporis	Lepus	70.15293	0.104		
2015		HIP 27293	86.75018	51.52087	6.46	G5		38229		Auriga	480.8273	0.898		
2016		HIP 27303	86.76906	-28.6389	6.23	B5II	2005	38804		Columba	603.7033	-0.132		
2017		HIP 27308	86.78251	-16.2380	6.157	G8III	2000	38713		Lepus	663.9513	0.892		
2018		HIP 27316	86.80480	14.48832	5.721	A3Vn	1989	38545	131 Tau	Taurus	422.2809	0.077		
2019		HIP 27317	86.80554	-54.3607	6.171	K3III	2023	39110		Pictor	1220.974	1.406		
2020		HIP 27319	86.81118	42.52674	6.292	K0	1979	38358		Auriga	719.6485	1.354		
2021		HIP 27321	86.82119	-51.0665	3.86	A6V	2020	39060	β Pictoris	Pictor	62.84955	0.171		
2022		HIP 27325	86.82785	-35.6740	6.282	K1III	2009	38885		Columba	510.9725	1.191		
2023		HIP 27338	86.85914	17.72914	5.455	F0III	1990	38558	130 Tau	Taurus	1268.482	0.301		
2024		HIP 27341	86.86205	-10.5329	6.09	A2IV	2001	38735	V1031 Ori	Orion	653.3074	0.135	6.02	6.43
2025		HIP 27346	86.88433	63.59884	6.49	G5		38058		Camelopa	481.5347	1.01		
2026		HIP 27353	86.89443	25.56862	6.473	K1III		38524		Taurus	996.9409	1.193		
2027		HIP 27364	86.92878	13.89959	5.29	B2IV-V	1993	38622	133 Tau	Taurus	799.0197	-0.156		
2028	Saiph	HIP 27366	86.93912	-9.66960	2.06	B0.5Ia	2004	38771	κ Orionis	Orion	721.2393	-0.168		
2029		HIP 27386	87.00078	6.45389	6.01	~	1999	38710	* 52 Ori B	Orion	479.4125	0.234		
2030		HIP 27386	87.00097	6.45415	5.95	~	1999	38710	* 52 Ori A	Orion	479.4125	0.234		
2031		HIP 27421	87.09317	20.86948	6.021	B9Vn	1997	38670		Taurus	594.8915	-0.051		
2032		HIP 27435	87.14558	-4.09464	5.97	G2V	2007	38858		Orion	50.73930	0.639		
2033		HIP 27468	87.25404	24.56746	4.873	G9III	2002	38751	132 Tau	Taurus	521.6001	1.021		
2034		HIP 27472	87.26937	62.80819	6.21	A4V	1976	38284		Camelopa	412.1358	0.128		
2035		HIP 27483	87.29348	39.18107	4.5	G8IIIbFe-1	1995	38656	τ Aurigae	Auriga	212.5162	0.949		
2036		HIP 27511	87.38720	12.65132	4.875	B9V	2010	38899	134 Tau	Taurus	271.6666	-0.068		
2037		HIP 27512	87.39219	-44.8753	6.373	K1III	2032	39312		Pictor	1405.171	1.262		
2038		HIP 27517	87.40226	-14.4836	5.49	G8III	2021	39070		Lepus	310.1809	0.87		
2039			87.40226	-14.4836	5.58	~	2021	39070A		Lepus	310.1809	0.87		
2040		HIP 27530	87.45691	-56.1666	4.494	K1III	2042	39523	γ Pictoris	Pictor	173.5888	1.075		

2041		HIP 27533	87.47293	-22.97188	5.861	A1V	2026	39190		Lepus	610.4873	0.055	
2042		HIP 27534	87.47303	-66.90119	5.11	B6V	2064	39844	ϵ Doradus	Dorado	511.7745	-0.128	
2043			87.51119	9.871214	5.86	~	2014	39007A		Orion	333.6741	0.876	
2044		HIP 27560	87.55443	4.423405	5.936	K3III	2019	39051		Orion	506.9986	1.361	
2045		HIP 27566	87.56994	-79.36136	5.451	B9V	2125	40953	κ Mensae	Mensa	270.3150	-0.076	
2046		HIP 27583	87.62007	-52.76789	6.339	K0/1III+A4	2044	39547		Pictor	883.4700	0.746	
2047		HIP 27581	87.62045	14.30560	5.52	G9III:	2016	39019	135 Tau	Taurus	312.2605	1.006	
2048		HIP 27588	87.62511	2.024702	5.976	K1III+A0/1	2024	39118		Orion	1128.028	0.953	
2049		HIP 27621	87.72175	-52.10887	5.166	G8III	2049	39640		Pictor	264.3958	0.96	
2050	Wazn	HIP 27628	87.73996	-35.76830	3.12	K1III_CN+	2040	39425	β Columb	Columba	85.92514	1.146	
2051		HIP 27629	87.74212	27.96786	5.582	G7III:	2013	39004		Taurus	376.4421	0.978	
2052		HIP 27639	87.76015	37.30556	4.74	M0III	2011	38944	υ Aurigae	Auriga	475.2201	1.621	
2053		HIP 27654	87.83040	-20.87909	3.85	K0IIIbFe-1	2035	39364	δ Leporis	Lepus	112.2203	0.984	
2054		HIP 27658	87.84159	-7.518003	5.341	B2V	2031	39291	55 Ori	Orion	1680.413	-0.195	
2055		HIP 27660	87.84618	-64.03356	6.359	G8III	2073	39963		Dorado	1116.439	0.866	
2056		HIP 27661	87.85729	32.12469	6.26	M3III	2018	39045	V440 Aur	Auriga	580.0715	1.752	
2057		HIP 27670	87.86922	-22.92694	6.156	K0IIICNII	2036	39385		Lepus	442.9363	1.02	
2058		HIP 27673	87.87237	39.14852	3.95	K0.5IIICN(	2012	39003	ν Aurigae	Auriga	214.8979	1.132	
2059		HIP 27705	87.99828	-29.44942	6.444	K3III	2043	39543		Columba	693.6174	1.473	
2060		HIP 27713	88.03220	-9.041901	5.96	A0V	2039	39421		Orion	379.0696	0.1	
2061		HIP 27731	88.07189	58.96408	6.132	A0Vs	2006	38831	30 Cam	Camelopa	545.1504	-0.036	
2062		HIP 27737	88.08417	-57.15618	5.948	F7IV	2072	39937		Pictor	414.7569	0.656	
2063		HIP 27743	88.09288	14.17178	5.586	A0VpSiSr(	2033	39317	137 Tau	Taurus	515.0084	-0.053	5.59 5.61
2064		HIP 27747	88.09752	19.86784	5.985	K0IIb+B8I	2030	39286		Orion	1369.748	0.549	
2065		HIP 27750	88.11016	1.855137	4.75	K2-IIb	2037	39400	56 Ori	Orion	1112.628	1.382	
2066		HIP 27766	88.13827	-37.63106	5.615	K1III	2053	39720		Columba	321.4990	1.046	
2067		HIP 27777	88.16526	39.57470	6.39	A2V	2025	39182		Auriga	661.2586	0.098	
2068		HIP 27778	88.16705	33.91746	6.07	M1+IIIFe-1	2028	39225		Auriga	744.2941	1.579	
2069		HIP 27795	88.23122	68.47154	6.213	G9III	1994	38645		Camelopa	414.7569	0.955	
2070		HIP 27810	88.27867	-33.80136	4.87	B5V	2056	39764	λ Columbi	Columba	341.3612	-0.154	4.85 4.92

2071		HIP 2783(	88.33185(	27.61226(	4.552	A0V+A0V	2034	39357	136 Tau	Taurus	437.5834(	-0.008	
2072		HIP 2789(	88.52522(	-63.08978	4.66	K2III-IV	2102	40409		Dorado	88.90088(	1.022	
2073		HIP 2790(	88.55562(	10.58640(	6.115	G9II	2048	39632		Orion	1475.114(	1.404	
2074		HIP 27901	88.55838(	-29.14727	6.334	F3V	2068	39891		Columba	182.7354(	0.37	
2075		HIP 27902	88.56566(	3.225641(	6.302	K2III	2051	39685		Orion	551.6084(	1.283	
2076		HIP 27913	88.59576(	20.27617(	4.4	G0V	2047	39587	χ 1 Orioni	Orion	28.24222(	0.594	4.38	4.41
2077		HIP 27937	88.67133(	-49.62701	6.098	B3III	2089	40200		Pictor	1101.352(	-0.148	
2078		HIP 27938	88.68179(	-11.77419	5.613	K4III	2065	39853		Lepus	745.9958(	1.523	
2079		HIP 27939	88.68348(	0.968615(	5.975	K0II/III	2057	39775		Orion	827.4111(	1.328	
2080		HIP 27947	88.70871(	-52.63548	5.29	F1V	2094	40292		Pictor	113.7870(	0.295	
2081		HIP 27949	88.71152(	55.70696(	4.96	A2V	2029	39283	ξ Aurigae	Auriga	240.7680(	0.052	
2082		HIP 27955	88.71867(	-39.95785	5.543	M0III	2082	40091		Columba	508.5797(	1.515	
2083		HIP 27965	88.73619(	19.74961(	5.894	B2V	2052	39698	57 Ori	Orion	1405.171(	-0.145	
2084		HIP 27971	88.74094(	59.88836(	5.2	A2V	2027	39220	31 Cam	Camelopa	404.9703(	0.01	5.12	5.29
2085	Betelgeus	HIP 27989	88.79293(	7.407064	0.42	M1-M2Ia-	2061	39801	α Orionis	Orion	548.0001(	1.5	0	1.614
2086		HIP 2801(	88.87464(	-37.12068	4.961	K1IIICNII	2087	40176	ξ Columba	Columba	328.2984(	1.102		
2087		HIP 28011	88.87571(	-4.616544	5.857	K1III	2070	39910		Orion	304.3885(	1.173		
2088		HIP 2801(	88.89737(	-4.788585	6.264	A0V	2071	39927		Orion	320.5506(	0.056		
2089		HIP 28041	88.95487(	20.17518(	5.4	M6-9.5e	2063	39816	U Ori	Orion	933.9035(	0.99	4.8	13
2090		HIP 28085	89.05946(	-22.83997	5.945	K0/1III	2086	40151		Lepus	291.5921(	1.107		
2091		HIP 28098	89.08726(	-31.38243	5.51	F2III	2092	40248	σ Columb	Columba	1461.882(	0.382		
2092		HIP 28103	89.10122(	-14.16769	3.72	F2V	2085	40136	η Leporis	Lepus	49.04475(	0.337		
2093		HIP 2811(	89.11680(	9.509393(	5.964	B9Ib	2075	39985		Orion	696.5807(	-0.038		
2094		HIP 28117	89.14069(	28.94226(	6.336	A2II	2066	39866		Auriga	3622.219(	0.275		
2095		HIP 28118	89.14349(	-23.21531	6.361	K0III	2090	40235		Lepus	499.2333(	1.068		
2096		HIP 28138	89.20419	-31.97624	6.419	G8III	2098	40359		Columba	776.1899(	1.07		
2097		HIP 28139	89.20604(	11.52105(	5.884	K2III	2076	40020		Orion	306.9682(	1.111		
2098		HIP 28154	89.23382(	24.24968(	6.029	A0Ib	2074	39970		Taurus	6141.150(	0.346		
2099		HIP 2818(	89.30988(	-53.42569	6.451	K5/M0III	2114	40665		Pictor	719.6485(	1.48		
2100		HIP 2819(	89.38420(	-35.28328	4.36	B2.5IV	2106	40494	γ Columba	Columba	853.4031(	-0.165		

2101		HIP 28205	89.39591	66.09609	6.26	K0	2041	39429		Camelopa	426.7015	1.369	
2102		HIP 28232	89.47705	1.224311	6.202	K4III	2093	40282		Orion	519.1095	1.461	
2103		HIP 28237	89.49857	25.95391	4.82	B1Ia	2084	40111	139 Tau	Taurus	2103.225	-0.088	
2104		HIP 28252	89.54879	-0.994018	6.198	K0III	2097	40347		Orion	399.5098	1.14	
2105		HIP 28271	89.60184	1.837108	5.886	A8V	2100	40372	59 Ori	Orion	352.8136	0.223	5.88 5.92
2106		HIP 28287	89.65644	-44.03456	5.802	G8II	2117	40733		Pictor	1263.566	1.061	
2107		HIP 28296	89.70656	0.552982	5.2	A0V	2103	40446	60 Ori	Orion	367.1185	0.009	
2108			89.72180	12.80826	5.97	~	2099	40369A		Orion	838.0452	0.874	
2109		HIP 28321	89.75450	-9.382224	6.16	F2/3IV	2107	40535	1 Mon	Monocero	315.8914	0.333	5.93 6.36
2110		HIP 28325	89.76797	-9.558252	5.029	A3III	2108	40536	2 Mon	Monocero	328.2984	0.189	
2111		HIP 28328	89.78668	-42.81513	3.96	G8/K1II	2120	40808	η Columb	Columba	530.9433	1.146	
2112		HIP 28343	89.84074	49.92453	5.907	G5III	2081	40084		Auriga	1124.139	1.194	
2113		HIP 28358	89.88174	54.28473	3.72	K0IIIb	2077	40035	δ Aurigae	Auriga	140.3961	1.01	
2114	Menkalina	HIP 28360	89.88217	44.94743	1.9	A1IV-Vp	2088	40183	β Aurigae	Auriga	82.07443	0.077	1.89 1.98
2115	Mahasim	HIP 28380	89.93029	37.21258	2.62	A0VpSi	2095	40312	θ Aurigae	Auriga	173.1278	-0.083	2.62 2.7
2116		HIP 28385	89.94093	55.32085	6.41	A5m	2079	40062	34 Cam	Auriga	341.7198	0.318	
2117		HIP 28390	89.94978	54.54700	6.129	K2III	2080	40083		Auriga	340.6472	1.197	
2118		HIP 28404	89.98374	45.93673	4.25	M3IIb	2091	40239	π Aurigae	Auriga	840.2066	1.701	4.24 4.34
2119		HIP 28413	90.01395	-3.074258	4.52	K1.5III-IIIb	2113	40657		Orion	419.5621	1.202	
2120		HIP 28434	90.07358	-12.90003	6.195	F2IV	2118	40745		Lepus	195.2095	0.358	
2121		HIP 28438	90.07874	44.59201	6.2	K2III	2096	40325		Auriga	364.6539	1.128	
2122		HIP 28484	90.20487	-51.21632	5.647	A1mA3-A	2138	41214		Pictor	206.0682	0.207	
2123		HIP 28499	90.24400	47.90192	5.706	A1VpSi	2101	40394	36 Aur	Auriga	1021.945	-0.007	
2124		HIP 28500	90.25188	27.57236	6.04	A0Iab	2111	40589		Gemini	4657.139	0.218	
2125		HIP 28517	90.29183	31.03451	6.19	A3VkA0.5	2110	40588		Auriga	256.4910	0.095	
2126		HIP 28520	90.30457	-25.41776	6.037	A0V	2129	40972		Lepus	362.6262	0.027	
2127		HIP 28524	90.31790	-33.91183	5.524	K5III	2131	41047		Columba	555.3672	1.58	
2128		HIP 28532	90.33447	85.18211	6.115	M0III	1885	36905		Cepheus	1336.065	1.564	
2129		HIP 28561	90.42345	22.40099	6.355	B8IVe	2116	40724	141 Tau	Gemini	584.2280	-0.071	
2130		HIP 28562	90.42941	48.95944	5.959	K0	2105	40486		Auriga	686.3149	1.437	

2131	HIP 28574	90.46009	-10.59793	5.01	B5III/V	2128	40967	3 Mon	Monocerc	978.97834	-0.128		
2132	HIP 28596	90.53889	-60.09683	6.49	M4III	2151	41586	SW Pic	Pictor	825.31819	1.508	6.45	6.57
2133	HIP 28614	90.59581	9.647288	4.3	A1Vm				Orion		0.13		
2134	HIP 28614	90.59586	9.647366	6.27	F2V				Orion		0.67		
2135	HIP 28622	90.64088	-14.49715	6.186	K0III	2136	41125		Lepus	433.51168	0.947		
2136	HIP 28634	90.68808	47.80952	6.49	F7V		40650		Auriga	92.587284	0.567		
2137	HIP 28637	90.70251	49.90567	6.04	B9.5IV	2112	40626		Auriga	410.06249	-0.033		
2138	HIP 28642	90.72290	43.37833	6.35	K0	2115	40722		Auriga	410.06249	1.205		
2139	HIP 28656	90.76798	57.01831	6.48	G5		40568		Camelopa	564.99079	0.953		
2140	HIP 28675	90.81501	-26.28454	5.04	K2.5IIIFe-2	2140	41312		Lepus	387.63369	1.335		
2141	HIP 28686	90.85320	11.68106	6.075	A0Vs	2133	41076		Orion	480.11666	-0.035		
2142	HIP 28691	90.86401	19.69056	5.13	B8V	2130	41040	64 Ori	Orion	1068.8533	-0.097		
2143	HIP 28716	90.97993	20.13845	4.63	B2Ia	2135	41117	χ 2 Orioni	Orion	32600.011	0.236		
2144	HIP 28734	91.03006	23.26334	4.15	G5III	2134	41116	1 Gem	Gemini	150.64692	0.835		
2145	HIP 28744	91.05625	-6.708951	5.21	B1V	2142	41335		Monocerc	918.30972	-0.066	5.12	5.18
2146	HIP 28756	91.08443	-32.17242	5.631	B2V	2149	41534		Columba	1083.0571	-0.186		
2147	HIP 28764	91.11849	-45.03660	6.35	F8V	2157	41700		Puppis	87.026054	0.517		
2148	HIP 28765	91.12133	51.57339	6.392	A7III	2123	40873	35 Cam	Auriga	393.72011	0.196		
2149	HIP 28790	91.16708	-45.07891	5.966	F5.5V	2158	41742		Puppis	88.084250	0.493		
2150	HIP 28812	91.24242	5.419669	5.658	G7III:	2144	41361	63 Ori	Orion	1101.3522	1.047		
2151	HIP 28814	91.24316	4.158662	5.621	G6II	2145	41380	66 Ori	Orion	2488.5512	1.041		
2152	HIP 28816	91.24637	-16.48443	4.93	A3+K/M	2148	41511	17 Lep	Lepus	1068.8533	0.196	4.82	5.06
2153	HIP 28820	91.26075	37.96427	6.32	G8III+F0V	2137	41162		Auriga	754.62832	0.825		
2154	HIP 28829	91.28429	59.39321	6.321	K0+IIICN1	2121	40827		Camelopa	471.09950	1.116		
2155	HIP 28831	91.28894	75.58591	6.29	K5	2078	40055		Camelopa	719.64851	1.512		
2156	HIP 28854	91.36263	-10.24259	5.874	F3V	2150	41547		Monocerc	192.21715	0.374		
2157	HIP 28855	91.36324	-35.51364	5.795	A0V	2160	41759		Columba	262.90344	0.027		
2158	HIP 28861	91.39124	33.59904	6.213	B9VpSrCr	2139	41269		Auriga	936.78088	-0.079		
2159	HIP 28899	91.52308	-29.75862	5.784	A1V	2164	41843		Columba	266.12269	0.041		
2160	HIP 28910	91.53884	-14.93525	4.663	A0V	2155	41695	θ Leporis	Lepus	170.32397	0.046		

2161		HIP 28909	91.53909(	-66.03962	5.69	A0V	2194	42525	η 1 Dorad	Dorado	331.9757(	-0.024		
2162		HIP 28930	91.59352	29.51241	6.033	M3IIIa	2146	41429	V394 Aur	Auriga	893.1522	1.73	6.01	6.11
2163		HIP 28943	91.63373	-23.11084	5.46	A2V	2163	41841		Lepus	475.2201	0.064		
2164		HIP 28946	91.64623	38.48264(	5.345	kA7IVmF2	2143	41357	40 Aur	Auriga	380.3964	0.251		
2165		HIP 28949	91.66140	-4.193835	5.362	B4III	2154	41692		Monocerc	2130.720	-0.122		
2166		HIP 28951	91.66314	63.45383	6.45	K0	2126	40956		Camelopa	414.2320	1.011		
2167		HIP 28957	91.67101(	-42.29880	6.154	A2mA5-A	2171	42078	π 1 Colun	Columba	321.8165	0.246		
2168		HIP 28984	91.73963(	-21.81229	5.78	M3II/III	2166	41933	YY Lep	Lepus	931.4279	1.584		
2169		HIP 28988	91.75788	-45.09150	6.475	K1III	2178	42168		Puppis	372.1454	1.162		
2170		HIP 28991	91.76419	-62.15456	5.041	K2/3III	2196	42540		Pictor	393.7201	1.256		
2171		HIP 28992	91.76528	-34.31202	5.836	B5Ve	2170	42054		Columba	1051.614	-0.137		
2172			91.8558	-6.0078	5.3	~			[JNX94] 0(	Monoceros				
2173		HIP 29025	91.86148(	41.85428	6.144	K0III	2147	41467		Auriga	833.7583	1.202		
2174	Elkurud	HIP 29034	91.88180	-37.25291	4.994	B7III	2177	42167	θ Columb	Columba	761.6829	-0.095		
2175		HIP 29038	91.89302	14.76847	4.397	B3IV	2159	41753	ν Orionis	Orion	534.4250	-0.164		
2176		HIP 29048	91.92349	-19.16586	5.279	M1III	2168	42042	19 Lep	Lepus	710.2401	1.661		
2177		HIP 29064	91.97024	-42.15404	5.492	A0V	2181	42303	π 2 Colun	Columba	261.2180	0.007		
2178		HIP 29114	92.09640(	41.05572	6.339	G9III	2153	41636		Auriga	383.5293	1.044		
2179			92.125	13.951	5.9	Open Cluster			NGC 2169	Orion				
2180		HIP 29129	92.14428	-44.35621	6.246	B8II	2187	42448		Puppis	751.1531(	-0.135		
2181		HIP 29134	92.18442	-68.84341	5.038	B8V	2221	43107	ν Doradus	Dorado	276.7401	-0.072		
2182		HIP 29140	92.19875	-6.821371	6.46	G8III/IV		42132		Monocerc	363.0304(	0.876		
2183		HIP 29150	92.24112	-22.42739	5.48	A0V	2180	42301		Lepus	255.2857	-0.01		
2184		HIP 29151	92.24126	2.499690	5.73	B9V	2174	42111		Orion	609.3463	0.067		
2185		HIP 29178	92.33415	-18.12638	6.359	B9V(n)	2182	42327		Lepus	409.5474	-0.04		
2186		HIP 29185	92.34760	-49.56283	6.484	F7V	2204	42683		Puppis	196.0313(	0.502		
2187		HIP 29196	92.38515	22.19026	5.904	K4III	2169	42049		Gemini	6150.937(	1.626		
2188		HIP 29205	92.39384	-14.58461	5.555	K2III	2183	42341		Lepus	212.3779	1.15		
2189		HIP 29210	92.40105(	-5.711428	6.148	F0IV	2179	42278		Monocerc	198.9017	0.352		
2190		HIP 29225	92.43327	23.11346	5.75	B2.5Ib	2173	42087	3 Gem	Gemini	8410.430	0.192		

2191		HIP 29233	92.44643	-26.70108	6.277	G8/K0III	2192	42486		Lepus	435.2460	1.01		
2192		HIP 29234	92.44981	-22.77433	5.717	F5V	2186	42443		Lepus	176.4071	0.454		
2193		HIP 29246	92.49588	58.93569	5.355	G8III	2152	41597	37 Cam	Camelopa	349.0352	1.096		
2194		HIP 29263	92.54334	-40.35379	5.58	M2II/III	2203	42682	AF Col	Columba	853.4031	1.665		
2195	Hoerikwaą	HIP 29271	92.56030	-74.75304	5.069	G7V	2261	43834	α Mensae	Mensa	33.08314	0.714		
2196		HIP 29276	92.57461	-54.96864	4.72	B1/2(III)n	2212	42933	δ Pictoris	Pictor	1654.822	-0.229	4.65	4.9
2197		HIP 29294	92.64450	-27.15434	5.698	K1III	2200	42621		Lepus	331.3008	1.072		
2198		HIP 29304	92.66636	-45.28198	6.272	A0V	2211	42834		Puppis	662.6017	-0.012		
2199			92.675	13.6333	5.65	B1III			[SC93] 64	Orion				
2200		HIP 29323	92.75505	-6.754215	6.15	B9/9.5IV/	2195	42536		Monocerc	551.6084	0.01		
2201		HIP 29326	92.75737	18.13046	6.335	K1II	2184	42351		Orion	2650.407	1.35		
2202		HIP 29348	92.80670	60.45348	6.5	M0		41782	39 Cam	Camelopa	1268.482	1.698		
2203		HIP 29347	92.80690	-26.48209	6.068	B9.5IV/V	2206	42729		Lepus	674.9473	-0.021		
2204		HIP 29353	92.81242	-65.58941	5.01	M2.5III	2245	43455	η 2 Dorad	Dorado	670.7811	1.599		
2205		HIP 29371	92.86629	13.63856	6.036	A0Vnn	2191	42477		Orion	430.0789	0.021		
2206		HIP 29379	92.88460	24.42025	5.825	K0III	2185	42398	5 Gem	Gemini	752.8874	1.11		
2207		HIP 29388	92.90246	48.71098	6.15	A2Va+	2175	42126	41 Aur A	Auriga	310.7723	0.1		
2208			92.93214	-4.665441	6.35	~	2202	42657A		Monocerc	590.5785	-0.079	6.16	6.18
2209		HIP 29401	92.93215	-4.665445	6.18	B8II/III	2202	42657	V638 Mor	Monocerc	590.5785	-0.079	6.16	6.18
2210		HIP 29404	92.94130	52.64718	6.268	A5m	2172	42083		Auriga	326.9813	0.141		
2211		HIP 29417	92.96589	-6.550283	5.04	B2V	2205	42690		Monocerc	1202.953	-0.201		
2212		HIP 29426	92.98498	14.20876	4.48	B3IV	2199	42560	ξ Orionis	Orion	634.2430	-0.18		
2213		HIP 29433	93.00558	19.79054	5.749	B9.5V	2193	42509	68 Ori	Orion	970.2382	-0.071		
2214		HIP 29434	93.01366	16.13040	4.92	B5Vn	2198	42545	69 Ori	Orion	774.3480	-0.149		
2215		HIP 29450	93.07957	22.90851	6.39	M1-M2Ia-	2197	42543		Gemini	4289.476	2.197	5.74	8.1
2216		HIP 29451	93.08385	32.69338	5.769	M1III	2189	42471		Auriga	1411.254	1.646		
2217		HIP 29490	93.21276	65.71842	5.344	K1III-IIIbC	2165	41927	36 Cam	Camelopa	641.7312	1.344		
2218		HIP 29509	93.24821	6.016257	6.459	M2III		42787	V1389 Ori	Orion	708.6949	1.621		
2219			93.25	10.2333	6.28	B9			[SC93] 82	Orion				
2220		HIP 29568	93.43873	-23.86193	6.366	G6.5V	2225	43162	V352 CMa	CanisMajo	54.42408	0.713	6.37	6.4

2221		HIP 29569	93.43892	51.17246	6.068	K1III	2188	42466		Auriga	403.4642	1.051			
2222		HIP 29575	93.47597	-3.741371	5.833	K0III	2218	43023		Orion	314.6719	0.91			
2223			93.61910	17.90632	6.26	~	2214	42954A		Orion	452.1491	0.253			
2224		HIP 29629	93.65292	-4.568455	5.819	B5II/III	2224	43157		Monocerc	617.4246	-0.155			
2225		HIP 29651	93.71388	-6.274776	3.96	K1III:	2227	43232	γ Monoce	Monocerc	644.2675	1.319			
2226		HIP 29655	93.71903	22.50675	6.03	~		42995B	* eta Gem	Gemini		1.05			
2227	Propus	HIP 29655	93.71935	22.50678	3.28	M2IIIa	2216	42995	η Gemino	Gemini	349.0352	1.6	3.15	3.9	
2228			93.75	3.95	6.42	B9			[SC93] 10	Orion					
2229		HIP 29679	93.78501	-20.27218	5.868	K2III	2242	43396		CanisMajo	928.7743	1.322			
2230		HIP 29678	93.78530	13.85109	5.894	B1V	2222	43112		Orion	1369.748	-0.231			
2231		HIP 29692	93.82386	-18.47724	5.984	K1III	2243	43429		CanisMajo	208.1738	1.058			
2232		HIP 29696	93.84453	29.49807	4.35	G8.5IIIb	2219	43039	κ Aurigae	Auriga	168.8243	1.021			
2233		HIP 29704	93.85470	16.14316	5.327	B7V	2223	43153	72 Ori	Orion	479.4125	-0.101			
2234		HIP 29705	93.85895	-9.035761	6.081	B9V	2237	43362		Monocerc	763.4661	-0.081			
2235		HIP 29711	93.87363	-4.914717	6	A3Vas	2234	43319		Monocerc	216.8996	0.097			
2236		HIP 29716	93.89277	-0.512189	5.65	F5V	2233	43318		Orion	116.3455	0.506			
2237		HIP 29728	93.91740	6.066168	6.07	B6Ve	2231	43285		Orion	742.5956	-0.124			
2238		HIP 29730	93.91890	59.99896	5.351	K3III	2201	42633	40 Cam	Camelopa	498.4704	1.339			
2239		HIP 29735	93.93702	-13.71841	5.001	B9V	2244	43445		CanisMajo	374.7143	-0.078			
2240		HIP 29736	93.93735	12.55107	5.467	B9II-III	2229	43247	73 Ori	Orion	1399.143	0.015			
2241		HIP 29746	93.97490	1.169120	6.36	F3V	2236	43358		Orion	302.9740	0.443			
2242		HIP 29771	94.03204	-16.61800	5.91	B2/B3Ve	2249	43544		CanisMajo	835.8968	-0.167			
2243		HIP 29788	94.07827	-59.21350	6.43	F9.5V	2274	44120		Pictor	118.5453	0.593			
2244		HIP 29789	94.07936	23.97002	6.075	G8III	2230	43261	8 Gem	Gemini	435.8295	0.897			
2245		HIP 29798	94.09913	17.18160	6.37	K5II	2235	43335		Orion	727.6778	1.565			
2246		HIP 29807	94.13806	-35.14051	4.37	G9IIIbCN0	2256	43785	κ Columb	Columba	182.8378	0.978			
2247		HIP 29808	94.14828	-39.26439	5.983	A5II	2262	43847		Columba	390.4177	0.163			
2248		HIP 29840	94.24460	23.74091	6.25	B3Iab	2240	43384	9 Gem	Gemini	2089.745	0.446			
2249		HIP 29842	94.25513	-37.73744	5.534	K2III	2263	43899		Columba	302.4120	1.129			
2250		HIP 29843	94.26499	-22.71523	6.04	F8.5V	2254	43745		CanisMajo	130.0877	0.576			

2251			94.275	7.0667	6.38	B7III			[SC93] 12	Orion					
2252		HIP 2985(	94.27758	9.942393(	5.386	A2V	2247	43525	75 Ori	Orion	253.6965	0.106			
2253		HIP 29852	94.28984(	-37.25355	5.872	A2Vn	2265	43940		Columba	202.4845	0.139			
2254		HIP 2986(	94.31720	5.099973	5.7	G0V	2251	43587		Orion	62.98288	0.61			
2255		HIP 29895	94.42385(	-16.81590	5.148	K1III	2260	43827		CanisMajo	566.9565	1.293			
2256		HIP 29913	94.46560	-52.73303	6.387	K2/3III	2278	44267		Carina	857.8953	1.456			
2257		HIP 29919	94.47842	61.51528(	5.05	M3III	2215	42973	1 Lyn	Lynx	589.5125	1.843	4.95	5.06	
2258			94.5	23.6333	5.7	Open Cluster			Cl Collinde	Gemini					
2259		HIP 29931	94.52336	14.38285	6.125	A3V	2253	43683		Orion	636.7206(	0.035			
2260		HIP 29941	94.55720	-19.96697	5.501	B2/3V	2266	43955		CanisMajo	993.9026	-0.163			
2261		HIP 29949	94.57027	46.36044	6.323	K2III	2239	43380	43 Aur	Auriga	345.7068	1.113			
2262		HIP 29982	94.66816	9.047170	6.225	K0	2259	43821		Orion	346.0719	0.87			
2263		HIP 29993	94.70329	-15.02496	6.06	M1(III)	2268	44021		CanisMajo	737.5557(	1.663			
2264		HIP 29996	94.71076(	-9.390018	5.352	K1.5III	2267	43993		Monocero	510.9725	1.239			
2265		HIP 29997	94.71157	69.31981	4.757	A0Vn	2209	42818		Camelopa	175.7414	0.025			
2266		HIP 30011	94.74573(	-20.92560	5.8	B3II/III	2271	44081		CanisMajo	1841.809	-0.155			
2267		HIP 30019	94.75767	17.32526	6.32	B9IIIpSi(Cı	2258	43819		Orion	630.5624	-0.094	6.32	6.34	
2268		HIP 30028	94.78304	-8.586012	6.22	B9V	2270	44037		Monocero	399.0208	-0.043			
2269		HIP 3006(	94.90571	59.01098	4.434	A2Vs	2238	43378	2 Lyn	Lynx	148.9944	0.032	4.43	4.73	
2270		HIP 30062	94.90904(	-22.10312	6.27	K3III		44225		CanisMajo	783.6553	1.473			
2271		HIP 30069	94.92065	-34.39659	5.749	B9V	2279	44323		Columba	395.6304	-0.08			
2272		HIP 30073	94.92833	-7.822905	5.252	B2V	2273	44112	7 Mon	Monocero	823.2317	-0.177			
2273		HIP 30093	94.99831	-2.944493	4.899	K5III	2275	44131		Orion	506.2129	1.613			
2274		HIP 30099	95.01759	14.65112	5.658	K5III	2269	44033		Orion	547.8986(	1.578			
2275	Furud	HIP 30122	95.07830(	-30.06336	2.99	B2.5V	2282	44402	ζ Canis M	CanisMajo	336.0832	-0.16			
2276		HIP 30141	95.14649(	-23.63796	6.48	K0III		44379		CanisMajo	639.2145(	1.132			
2277		HIP 30143	95.15099	-34.14414	5.521	B3V	2288	44506		Columba	2012.346	-0.182			
2278		HIP 3019(	95.27262	-11.81733	6.32	M0III		44394		CanisMajo	1309.236(	1.676			
2279		HIP 3020(	95.29965	29.54082	6.404	A1Vs	2272	44092		Auriga	338.1729	0.048			
2280		HIP 30214	95.35298	-11.77324	5.55	B1.5IVe	2284	44458	FR CMa	CanisMajo	1671.797(	0.002	5.46	5.64	

2281		HIP 30217	95.35742	2.268521	6.28	A4/5IV	2280	44333		Monocerc	334.0164	0.251			
2282		HIP 30218	95.35799	17.76346	6.28	G9:III:	2277	44234		Gemini	417.4138(	1.1			
2283		HIP 30247	95.44220	53.45217	5.333	F6III+	2264	43905	45 Aur	Auriga	185.8608(	0.448			
2284			95.46	2.374	6.4	Open Cluster			Cl Collinde	Monoceros					
2285		HIP 30272	95.51463	59.37216(	6.31	binary	2257	43812	* 4 Lyn A	Lynx	421.7333(	0.153			
2286		HIP 30272	95.51479	59.37209	6.07	A2Vp	2257	43812	4 Lyn	Lynx	421.7333(	0.153			
2287		HIP 30277	95.52843	-33.43639	3.85	G7II	2296	44762	δ Columb	Columba	237.0910	0.858			
2288		HIP 30318	95.65163	12.57023(	6	F0III	2287	44497		Orion	205.4191	0.319			
2289		HIP 30321	95.65948	-69.98404	5.542	K5III	2352	45669	π 1 Dorad	Dorado	594.8915	1.51			
2290	Mirzam	HIP 30324	95.67493	-17.95591	1.97	B1II-III	2294	44743	β Canis M	CanisMajo	499.2333	-0.24	1.93	2	
2291		HIP 30342	95.73262	-56.36996	5.598	A1mA3-A	2320	45229	ν Pictoris	Pictor	164.0664(	0.242			
2292	Tejat	HIP 30343	95.74011	22.51358	2.87	M3IIIab	2286	44478	μ Gemino	Gemini	231.6987(	1.621	2.75	3.02	
2293		HIP 30352	95.75605	-63.68313	6.278	M1III	2337	45461		Pictor	1068.853	1.612			
2294		HIP 30357	95.77653	56.97634	6.47	K1III		44061		Lynx	457.8638	1.075			
2295		HIP 30376	95.81030	-31.79031	6.319	G8III	2307	44956		CanisMajo	332.3147	0.893			
2296		HIP 30382	95.82704	3.764489	6.385	B3III	2292	44700		Monocerc	1097.642	-0.149			
2297		HIP 30407	95.89965	-9.874729	6.134	K5/M0III	2301	44816	V721 Mor	Monocerc	2050.315	1.841			
2298			95.90745	-52.18091	5.951	G8III		45291		Carina					
2299		HIP 30419	95.94202	4.592882	4.398	A8V(n)	2298	44769	ϵ Monoce	Monocerc	128.3970	0.215			
2300		HIP 30420	95.94226	-15.07125	6.221	K2/3III	2303	44891		CanisMajo	1574.880	1.534			
2301		HIP 30419	95.9425	4.5956	4.31	A7IV+F4V	2298	44769	* eps Mor	Monocerc	128.3970	0.215			
2302		HIP 30423	95.94553(	-58.54387	6.467	A3V	2336	45450		Pictor	318.9826	0.12			
2303		HIP 30436	95.98297	-25.57763	5.6	K5III	2311	45018		CanisMajo	696.5807	1.561			
2304	Canopus	HIP 30438	95.98795	-52.69566	-0.74	A9II	2326	45348	α Carinae	Carina	312.9601	0.164			
2305		HIP 30444	96.00420	-36.70776	5.619	K1II/III	2316	45145		Columba	308.1287	1.027			
2306		HIP 30448	96.00951	8.885012	6.219	B8Vn	2300	44783		Monocerc	842.3777	-0.06			
2307		HIP 30457	96.04299	-11.53008	5.207	K2III	2305	44951		CanisMajo	420.1033(	1.23			
2308		HIP 30463	96.05767(	-60.28132	5.766	A0V	2345	45557		Pictor	286.7193	-0.001			
2309		HIP 30468	96.08573	-12.96193	6.12	B2.5Ve	2309	44996		CanisMajo	1917.646	-0.076			
2310		HIP 30480	96.11083	-63.42901	6.46	G1V	2354	45701		Pictor	103.6237(	0.66			

2311	HIP 30501	96.18228	25.04871	6.345	K2III		44780		Gemini	831.6328	1.21			
2312	HIP 30503	96.18283	-28.78011	6.39	G2Va	2318	45184		CanisMajo	71.83770	0.626			
2313	HIP 30505	96.18540	-40.28397	6.292	B9.5V	2323	45306		Columba	522.4347	-0.049			
2314	HIP 30517	96.21987	16.05712	6.35	G9III	2302	44867		Orion	384.8887	1.063			
2315	HIP 30520	96.22458	49.28789	4.75	K5-M1Iab	2289	44537	ψ 1 Auriga	Auriga	3835.293	1.905	4.75	5.7	
2316	HIP 30524	96.23249	-63.82814	6.249	B6V	2360	45796		Pictor	710.2401	-0.119			
2317	HIP 30541	96.30416	7.085710	5.98	G3Iabv+A	2310	44990	T Mon	Monocero	7761.899	0.85	5.58	6.62	
2318	HIP 30545	96.31894	-0.945882	5.9	F9V	2313	45067		Monocero	107.8757	0.564			
2319	HIP 30564	96.36739	14.72199	6	C-N5-	2308	44984	BL Ori	Orion	1298.804	2.349			
2320	HIP 30565	96.36929	-69.6903	5.38	G8III	2377	46116	π 2 Dorad	Dorado	266.1226	0.971			
2321	HIP 30566	96.37502	-35.06415	6.243	K3III	2329	45383		Columba	506.2129	1.353			
2322	HIP 30570	96.38724	23.32716	6.05	A2Vn	2304	44927		Gemini	578.0145	0.02			
2323	HIP 30591	96.43188	-48.17689	5.87	B9.5V	2348	45572A	* G Pup A	Puppis	674.9473	-0.061			
2324	HIP 30591	96.43188	-48.17689	5.76	B9V	2348	45572	G Pup	Puppis	674.9473	-0.061			
2325	HIP 30595	96.44638	-3.889014	6.309	G8III	2317	45168		Monocero	1034.919	1.018			
2326	HIP 30602	96.46802	11.12588	6.38	A0		45090		Monocero	454.0399	0.077			
2327	HIP 30608	96.49511	-7.894983	6.404	A2V	2321	45239		Monocero	556.3126	0.145			
2328	HIP 30627	96.53969	-3.515721	6.43	K0III		45215		Monocero	536.1854	1.039			
2329	HIP 30651	96.60765	56.28509	5.54	kA3hA7Vr	2291	44691	RR Lyn	Lynx	271.4404	0.238	5.52	6.03	
2330	HIP 30660	96.64351	-4.597397	6.133	B5V	2325	45321		Monocero	1211.895	-0.151			
2331	HIP 30666	96.66495	-1.507333	5.854	A1V	2324	45320		Monocero	228.6114	0.07			
2332	HIP 30669	96.67774	-14.60342	6.3	K0/1III		45420		CanisMajo	560.1366	1.242			
2333	HIP 30675	96.68688	-7.511940	6.33	B9V	2328	45380		Monocero	409.0356	-0.061			
2334	HIP 30679	96.70363	58.41740	5.197	K4III	2293	44708	5 Lyn	Lynx	682.0085	1.538			
2335	HIP 30700	96.75365	-4.355646	6.472	B4V		45418		Monocero	1079.471	-0.155			
2336	HIP 30703	96.76723	-58.00211	5.816	K3III	2369	45984		Pictor	605.9494	1.279			
2337	HIP 30706	96.78160	-37.89550	6.487	F3V	2353	45680		Columba	162.2698	0.394			
2338	HIP 30711	96.79735	-25.85649	6.07	F8IV	2349	45588		CanisMajo	97.37166	0.545			
2339	HIP 30717	96.80733	0.299244	5.186	K1II	2334	45416	77 Ori	Monocero	950.4370	1.186			
2340	HIP 30720	96.81496	-0.276001	5.538	K2/3III	2335	45433	78 Ori	Monocero	749.4253	1.376			

2341	HIP 30728	96.83521(	2.9082878	5.543	G8III	2333	45415		Monocerc	292.37678	1.035			
2342	HIP 30741	96.89800	32.56294(	6.46	K0	2319	45192		Auriga	435.2460(	1.264			
2343	HIP 30769	96.98613(	20.49632(	6.22	A2Vs	2330	45394	16 Gem	Gemini	537.9556(	0.041			
2344	HIP 30772	96.98986(	-4.762147	5.041	B2V	2344	45546	10 Mon	Monocerc	1352.6983	-0.175			
2345	HIP 30788	97.04253	-32.58006	4.48	B4V	2361	45813	λ Canis M	CanisMajc	405.97772	-0.169			
2346		97.06034	70.53531	6.03	~	2285	44472A		Camelopa	553.47973	0.103			
2347	HIP 30794	97.06035	70.53531	6.04	A4V	2285	44472		Camelopa	553.47973	0.103			
2348	HIP 30798	97.06986	1.9126783	6.45	B9IV	2347	45563		Monocerc	488.7556(	-0.064			
2349	HIP 30804	97.07838(	10.30389	6.155	K2III-IV	2342	45512		Monocerc	249.04517	1.15			
2350	HIP 30815	97.11689	16.23838	6.233	G5	2340	45506		Gemini	210.4584	0.894			
2351	HIP 30827	97.14203	30.49303(	5.55	F5.5-G0Ib	2332	45412	RT Aur	Auriga	1559.8094	0.779	5	5.82	
2352	HIP 30836	97.15591	-17.46601	5.761	K0III	2359	45765		CanisMajc	423.92728	1.118			
2353	HIP 30840	97.16351(	-32.37127	5.74	B3Ve	2364	45871	IY CMa	CanisMajc	823.2317	-0.16			
2354	HIP 30840	97.16351	-32.37127	5.89	~	2364	45871A	IY CMa	CanisMajc	823.2317	-0.16			
2355	HIP 30849	97.17671	-41.07485	6.316	F2/3V	2368	45983		Columba	263.5407	0.39			
2356	HIP 30867	97.20445	-7.033058	3.74	B4Ve+B2V	2356	45725	β Monoce	Monocerc	690.67688	-0.113			
2357	HIP 30867	97.20446(	-7.033059	4.6	B4Veshell	2356	45725	* bet Mor	Monocerc	690.67688	-0.113			
2358	HIP 30867	97.20592	-7.034400	5	B2Vn(e)	2357	45726	* bet Mor	Monocerc	690.67688	-0.113			
2359	HIP 30867	97.20672(	-7.034653	5.32	B3V:nne	2358	45727	* bet Mor	Monocerc	690.67688	-0.113			
2360	HIP 30883	97.24077	20.21213	4.14	B6IVe	2343	45542	v Gemino	Gemini	544.5021(	-0.14			
2361	HIP 30906	97.31171	2.6461952	6.2	M1III	2355	45724		Monocerc	851.17652	1.539			
2362	HIP 30932	97.36874	-56.85276	5.197	K0III	2389	46355		Pictor	312.2605	1.087			
2363		97.45410	-50.23908	6.15	~	2384	46273B		Puppis	168.6499(	0.371			
2364		97.45443(	-50.23908	5.93	~	2384	46273A		Puppis	168.6499(	0.371			
2365	HIP 30972	97.51239(	46.68555	5.866	K4III	2338	45466	47 Aur	Auriga	530.0827(	1.448			
2366	HIP 30973	97.51254	-65.56824	6.262	F0III	2408	46730		Dorado	317.4295	0.329			
2367	HIP 30986	97.54698	-10.08151	5.909	K1III	2367	45976		Monocerc	6269.243(	1.373			
2368	HIP 30988	97.54924(	-19.21488	6.44	M0/1III		46037		CanisMajc	1258.6864	1.683			
2369	HIP 31024	97.64535	-13.14817	6.14	B2III	2373	46064		CanisMajc	1147.8887	-0.137			
2370	HIP 31037	97.69285	-27.76957	5.903	B3IV/V	2380	46189		CanisMajc	1128.0288	-0.156			

2371	HIP 31039	97.69628	58.16263	5.855	K0.5IIIbFe	2331	45410	6 Lyn	Lynx	185.7461	0.94		
2372	HIP 31056	97.74956	-40.91625	6.179	K3III	2390	46365		Columba	581.1049	1.398		
2373	HIP 31066	97.78984	11.25137	6.14	B1.5Vne	2370	45995		Monocero	5525.441	-0.116		
2374	HIP 31067	97.79163	16.93863	6.17	K0III	2366	45951		Gemini				
2375	HIP 31068	97.79433	-61.87954	6.144	B2V	2410	46792	AE Pic	Pictor	1147.888	-0.147		
2376		97.8	6	5.4	UV-src			[SC93] 25	Monoceros				
2377	HIP 31072	97.80455	-35.25885	5.82	G8IIb+A3I	2388	46349		Columba	810.9448	0.813		
2378		97.825	5.9167	5.4	Open Cluster			Cl Collinde	Monoceros				
2379	HIP 31079	97.82637	-51.82596	5.573	F8VFe-0.4	2400	46569		Carina	121.3248	0.534		
2380	HIP 31084	97.84602	-12.39197	5.153	K1III	2379	46184		CanisMajo	342.7956	1.262		
2381	HIP 31086	97.84997	-32.86854	6.34	M4III		46347	KM CMa	CanisMajo	987.8781	1.665		
2382	HIP 31099	97.89561	-36.94002	6.278	M2/3III	2393	46431	SX Col	Columba	931.4279	1.599	6.28	6.41
2383	HIP 31105	97.90597	15.90350	6.38	A8V	2371	46031	19 Gem	Gemini	334.3587	0.275		
2384	HIP 31119	97.95124	11.54441	5.21	A5Vp	2375	46089		Monocero	211.1398	0.185		
2385	HIP 31121	97.95860	-8.158221	5.411	K2III	2381	46229		Monocero	869.3347	1.373		
2386	HIP 31125	97.96402	-23.41842	4.33	B0.7IV	2387	46328	ξ 1 Canis I	CanisMajo	2050.315	-0.245	4.33	4.36
2387	HIP 31137	97.99295	-58.75383	5.64	B9IVn	2412	46860	μ Pictoris	Pictor	724.4439	-0.057		
2388	HIP 31158	98.07727	17.78435	6.242	F7III		46136	20 Gem	Gemini	353.9644	0.541		
2389	HIP 31159	98.08001	4.855998	5.83	K0III	2382	46241	12 Mon	Monocero	517.4599	0.997		
2390	HIP 31165	98.08907	-37.69672	5.253	G8III	2399	46568		Columba	272.8034	0.982		
2391	HIP 31167	98.09637	-5.868818	5.598	A8VAm:	2386	46304		Monocero	140.9425	0.256		
2392	HIP 31168	98.09698	11.67351	6.05	K0III	2378	46178		Monocero	833.7583	1.069		
2393	HIP 31173	98.11326	32.45489	5.829	kA3hA3m	2372	46052	WW Aur	Auriga	274.8735	0.188	5.79	6.54
2394	HIP 31190	98.16240	-32.03044	5.706	B2V	2397	46547		CanisMajo	838.0452	-0.18		
2395	HIP 31205	98.19530	-11.16638	6.24	G9III:Ba3.	2392	46407		CanisMajo	395.1512	1.096	6.24	6.32
2396	HIP 31216	98.22594	7.332969	4.5	A0Ib	2385	46300	13 Mon	Monocero	1509.259	0.023		
2397	HIP 31241	98.29266	-38.62518	6.434	G8III	2407	46727		Columba	470.4181	0.999		
2398	HIP 31265	98.35950	-52.32923	6.172	G8III	2416	47001		Carina	607.0774	1.088		
2399	HIP 31266	98.36110	-20.92396	6.402	K0III+F/G	2403	46602		CanisMajo	368.3605	0.817		
2400	HIP 31277	98.40068	14.15516	5.553	K2III:	2391	46374		Gemini	255.6864	1.105		

2401	HIP 31278	98.40800	-1.220153	5.079	B5IV/V	2395	46487		Monocerc	536.1854	-0.132			
2402	HIP 31299	98.45616	-36.23202	5.405	K3III	2411	46815		Columba	406.4830	1.419			
2403	HIP 31359	98.63666	55.35304	6.46	K0III:	2376	46101	7 Lyn	Lynx	1552.379	1.554			
2404	HIP 31362	98.64721	-32.71625	5.61	B8IVe	2415	46936		CanisMajc	486.5682	-0.085			
2405	HIP 31385	98.69299	7.572482	6.46	A0Vs	2404	46642	14 Mon	Monocerc	361.8210	-0.01			
2406	HIP 31407	98.74408	-52.97560	4.4	A0II	2435	47306		Carina	1762.164	-0.021			
2407	HIP 31416	98.76411	-22.96479	4.5	A0III	2414	46933	ξ 2 Canis I	CanisMajc	411.6175	-0.035			
2408	HIP 31434	98.80025	28.02231	5.26	A0Vnn	2398	46553	49 Aur	Auriga	446.5745	-0.008			
2409	HIP 31446	98.81595	0.890218	5.86	B7Ib-II	2409	46769		Monocerc	2859.650	0.004			
2410	HIP 31448	98.82331	9.988336	5.887	K4III	2406	46709		Monocerc	1582.525	1.508			
2411		98.85090	-36.77987	5.886	~	2424	47144A		Columba	580.0715	-0.13			
2412	HIP 31469	98.87840	-22.10905	6.32	K0III		47012		CanisMajc	513.3849	1.03			
2413	HIP 31509	98.97512	-36.08863	6.35	G0V	2431	47230		Columba	131.2929	0.486			
2414	HIP 31564	99.09521	-18.65990	5.695	G8/K0III+I	2423	47138	v 1 Canis I	CanisMajc	276.5054	0.848			
2415	HIP 31579	99.13682	38.44550	5.25	C-N5-	2405	46687	UU Aur	Auriga	1811.113	2.773	7.83	10	
2416	HIP 31583	99.14720	-5.211139	5.52	B8IVe	2418	47054		Monocerc	833.7583	-0.082			
2417		99.15	6.05	6.43	O8			[SC93] 31	Monoceros					
2418	HIP 31592	99.17099	-19.25588	3.91	K1.5III-IVF	2429	47205	v 2 Canis I	CanisMajc	64.7094	1.05			
2419	HIP 31593	99.17110	-22.61473	6.41	B3V	2433	47247	V415 CMa	CanisMajc	751.1531	-0.117			
2420	HIP 31599	99.19415	-13.32102	5.939	K4/5III	2428	47182		CanisMajc	768.8680	1.562			
2421		99.203	4.972	5.1	Open Cluster			Cl Collinde	Monoceros					
2422	HIP 31603	99.21363	-41.55713	6.338	K0II	2445	47475		Columba	1689.120	1.147			
2423	HIP 31617	99.25786	-38.14650	6.052	K0III	2444	47463		Columba	433.5116	1.03			
2424		99.278	6.002	4.6	Open Cluster			Cl Collinde	Monoceros					
2425		99.30765	-36.99065	5.93	~	2446	47500A		Columba	1654.822	-0.112			
2426	HIP 31646	99.35017	6.135380	6.06	O8I+O7.5I	2422	47129	Plaskett's	Monocerc	4283.079	0.018	6.04	6.08	
2427	HIP 31650	99.36369	24.59085	6.48	A3V	2417	47020		Gemini	543.3346	0.101			
2428	HIP 31662	99.40372	10.85329	6.37	K0	2426	47156		Monocerc	883.4700	1.351			
2429	HIP 31665	99.40994	56.85753	5.89	A2V	2402	46590	11 Lyn	Lynx	322.1344	0.006			
2430	HIP 31672	99.41802	2.704159	6.172	K0II/III	2430	47220		Monocerc	474.5257	1.08			

2431		HIP 31674	99.41997	-12.98511	6.106	K1(III)	2437	47366		CanisMajc	277.4469	0.994		
2432	Alhena	HIP 31681	99.42796	16.39928	1.92	A1.5IV+	2421	47105	γ Gemino	Gemini	104.7558	0.001		
2433	Pipit	HIP 31685	99.44030	-43.19593	3.17	B8III	2451	47670	v Puppis	Puppis	422.8286	-0.103		
2434		HIP 31688	99.44840	-32.33973	5.258	K1III	2447	47536		CanisMajc	395.8235	1.18		
2435		HIP 31697	99.46959	4.956667	6.2	B1Ib	2432	47240	V731 Mor	Monocerc	15219.62	0.091		
2436		HIP 31700	99.47258	-18.23748	4.43	K1-III	2443	47442	v 3 Canis I	CanisMajc	463.7286	1.137		
2437			99.50162	-61.53339	6.35	G0-V	2468	48189A		Pictor	70.63933	0.624	6.14	6.19
2438		HIP 31733	99.58523	-2.543895	6.116	K4III	2440	47420		Monocerc	737.5557	1.47		
2439		HIP 31736	99.59545	-23.58031	6.5	G8/K0III		47579		CanisMajc	666.6669	0.664		
2440		HIP 31737	99.59587	28.98433	5.744	B9Mn+F0	2425	47152	53 Aur	Auriga	421.1888	-0.001		
2441		HIP 31758	99.64760	-16.87354	6.03	A0IV	2448	47561		CanisMajc	460.4523	0.042		
2442		HIP 31765	99.65681	-48.22018	5.03	G8III	2462	47973		Puppis	435.8295	0.997		
2443		HIP 31766	99.65911	1.613520	6.31	O9.7Ib	2442	47432	V689 Mor	Monocerc	3395.845	0.086	6.19	6.26
2444		HIP 31771	99.66473	39.39085	5.69	K5III	2419	47070	51 Aur	Auriga	316.5050	1.367		
2445		HIP 31789	99.70491	39.90255	5.331	B8III	2420	47100	ψ 3 Auriga	Auriga	758.1393	-0.075		
2446		HIP 31813	99.77208	22.03088	6.08	G9III	2436	47358		Gemini	419.0242	1.027		
2447		HIP 31827	99.81966	-14.14576	4.812	K2+IIIaCN	2450	47667		CanisMajc	1574.880	1.459		
2448		HIP 31832	99.83261	42.48887	4.82	K2-III	2427	47174	ψ 2 Auriga	Auriga	432.3609	1.236		
2449			99.875	13.1167	5.97	A2V			[SC93] 34	Gemini				
2450		HIP 31850	99.88118	24.60016	6.38	F8IV	2439	47415		Gemini	114.6271	0.523		
2451		HIP 31852	99.88800	28.26313	6.22	~	2438	47395A	* 54 Aur A	Auriga	708.6949	-0.087		
2452		HIP 31859	99.90093	-23.69568	6.05	A0V	2455	47827		CanisMajc	613.9364	-0.031		
2453		HIP 31870	99.92775	-30.47049	5.71	K1III	2460	47946		CanisMajc	240.7680	1.134		
2454		HIP 31876	99.94882	12.98276	5.978	A2V	2449	47575		Gemini	289.0072	0.063		
2455		HIP 31889	99.99119	44.01411	6.34	K1III	2434	47270		Auriga	662.6017	1.222		
2456		HIP 31897	100.0120	-80.81359	5.606	A3/5III	2559	50506	ζ Mensae	Mensa	403.9663	0.214		
2457		HIP 31940	100.1203	77.99578	5.72	K5III	2363	45866		Camelopa	579.0414	1.488		
2458		HIP 31945	100.1331	6.371251	6.498	B8pSiCrSr	2454	47756		Monocerc	1801.105	-0.139		
2459		HIP 31946	100.1343	71.74878	5.86	K0III	2396	46509		Camelopa	662.6017	1.223		
2460		HIP 31977	100.2400	-71.77519	6.492	K1IIICNII	2505	49268		Volans	432.9346	1.11		

2461		HIP 31978	100.2444	9.895756	4.68	O7V+B1.5	2456	47839	S Mon	Monocerc	101.0600	-0.233	4.62	4.68
2462		HIP 31992	100.2726	0.495322	5.765	B8III	2461	47964		Monocerc	1156.029	-0.094		
2463		HIP 32007	100.3090	-40.34984	6.14	B4V	2475	48383		Puppis	1058.440	-0.146		
2464		HIP 32012	100.3217	11.00320	6.21	M1III	2458	47886		Monocerc	2546.875	1.675		
2465		HIP 32019	100.3370	28.19664	6.427	G5Ib	2453	47731	25 Gem	Gemini	1411.254	1.09		
2466		HIP 32020	100.3414	16.39765	6.272	A1V	2457	47863		Gemini	785.5429	-0.016		
2467		HIP 32040	100.4073	35.93192	6.481	F8III	2452	47703		Auriga	256.4910	0.509		
2468		HIP 32064	100.4849	-9.167534	5.194	K5III	2469	48217		Monocerc	377.7526	1.525		
2469		HIP 32067	100.4967	6.345425	6.37	O5V((f))z+	2467	48099		Monocerc	4273.538	-0.084		
2470			100.6	6.3833	6.35	O6e			[SC93] 38	Monoceros				
2471		HIP 32104	100.6013	17.64530	5.21	A2V	2466	48097	26 Gem	Gemini	139.2568	0.063		
2472		HIP 32144	100.6918	-22.44859	6.23	F2V	2481	48501		CanisMajc	159.4134	0.321	6.18	6.27
2473		HIP 32173	100.7707	44.52444	5.02	K5III	2459	47914	ψ 4 Auriga	Auriga	305.8161	1.479		
2474		HIP 32177	100.7775	3.033800	6.17	K3III	2474	48348		Monocerc	827.4111	1.366		
2475		HIP 32190	100.8072	37.14737	6.206	K0	2464	48073		Auriga	478.0074	1.026		
2476		HIP 32208	100.8473	-39.19311	6.273	A7/9+(F/G	2488	48797		Puppis	548.8211	0.258		
2477		HIP 32226	100.9110	3.932530	5.9	B0III	2479	48434		Monocerc	4387.952	-0.046		
2478	Mebsuta	HIP 32246	100.9830	25.13112	2.98	G8Ib	2473	48329	ϵ Geminor	Gemini	903.0463	1.377		
2479		HIP 32249	100.9970	13.22799	4.49	K0+IIICa1	2478	48433	30 Gem	Gemini	275.8039	1.167		
2480		HIP 32268	101.0521	36.10925	6.369	A2V	2471	48272		Auriga	908.0798	0.065		
2481		HIP 32269	101.0532	-54.69551	6.46	B5/6V		49219		Carina	735.8931	-0.119		
2482		HIP 32292	101.1186	-31.07052	5.17	B2V	2492	48917	10 CMa	CanisMajc	2608.000	-0.127	5.13	5.44
2483		HIP 32311	101.1894	28.97093	5.44	K4III	2480	48450	28 Gem	Gemini	569.9296	1.445		
2484		HIP 32322	101.2164	-27.34166	6.43	G0VFe-0.8	2493	48938		CanisMajc	86.70200	0.55		
2485		HIP 32332	101.2318	-70.43375	6.091	K3III	2536	50002	4 G. Vol	Volans	629.3432	1.335		
2486	Sirius	HIP 32349	101.2871	-16.71611	-1.46	A0mA1Va	2491	48915	α Canis M	CanisMajc	8.596813	0.009		
2487	Alzirr	HIP 32362	101.3223	12.89559	3.36	F5IV-V	2484	48737	ξ Geminor	Gemini	57.17291	0.443		
2488		HIP 32366	101.3455	-31.79364	5.916	F6.5V	2500	49095		CanisMajc	79.12609	0.491		
2489		HIP 32368	101.3473	-23.46243	6.033	K2III	2495	49001		CanisMajc	491.7059	1.205		
2490		HIP 32385	101.3799	-30.94898	5.68	B1.5Vne	2501	49131		CanisMajc	1582.525	-0.138	5.48	5.8

2491		HIP 32402	101.4738	-52.40969	5.761	K3III	2515	49517		Carina	1375.528	1.551		
2492		HIP 32404	101.4758	12.69356	6.47	A9III	2489	48843	32 Gem	Gemini	1139.859	0.344		
2493		HIP 32411	101.4974	-14.79612	5.298	A1IV/V	2498	49048		CanisMajo	398.0461	0.075		
2494			101.499	-20.716	4.5	Open Cluster			M 41	CanisMajor				
2495		HIP 32431	101.5432	23.37122	6.49	G8V		48805		Gemini	1044.872	0.839		
2496		HIP 32434	101.5506	-37.77532	6.192	B6Vne	2510	49336	V339 Pup	Puppis	1448.887	-0.123	6.15	6.27
2497		HIP 32438	101.5588	59.44166	5.44	A1.5V	2470	48250A	* 12 Lyn A	Lynx	228.6114	0.084		
2498		HIP 32438	101.5598	59.44182	5.99	A2V	2470	48250B	* 12 Lyn B	Lynx	228.6114	0.084		
2499		HIP 32463	101.6350	8.587157	5.92	B3V	2494	48977	16 Mon	Monocero	1116.439	-0.173		
2500		HIP 32474	101.6625	-10.1073	5.646	A0IIIe	2502	49147		Monocero	535.3052	-0.048		
2501		HIP 32489	101.7062	57.16917	5.335	K0III-IV	2477	48432	13 Lyn	Lynx	207.7758	0.964		
2502		HIP 32492	101.7128	-14.4259	5.272	B8/9III	2504	49229	11 CMa	CanisMajo	641.7312	-0.024		
2503		HIP 32494	101.7194	-51.2656	5.379	K1II/III(+G	2523	49689		Carina	905.5566	1.33		
2504		HIP 32500	101.7440	-87.0249	6.462	F5.5VFe-1	2848	58805		Octans	127.5928	0.429		
2505		HIP 32504	101.7561	-21.0154	6.08	B7II/III	2509	49333	12 CMa	CanisMajo	668.0329	-0.159		
2506		HIP 32531	101.8279	-55.5399	5.61	K5III	2526	49877	V448 Car	Carina	598.1645	1.549		
2507		HIP 32533	101.8326	8.037256	4.77	K4III	2503	49161	17 Mon	Monocero	484.3970	1.396		
2508		HIP 32537	101.8391	-37.9296	5.26	B8V	2518	49591		Puppis	330.9650	-0.078		
2509		HIP 32558	101.9050	-8.99850	5.062	M1Ib-IIa	2508	49331		Monocero	1309.236	1.795		
2510		HIP 32562	101.9148	48.78948	5.216	K0.5III	2487	48781	ψ 6 Auriga	Auriga	423.9272	1.131		
2511		HIP 32578	101.9651	2.412176	4.47	K0+III	2506	49293	18 Mon	Monocero	372.9962	1.099		
2512		HIP 32607	102.0477	-61.9413	3.23	A8VnkA6	2550	50241	α Pictoris	Pictor	98.90778	0.225		
2513			102.0512	55.70419	6.23	F6V	2486	48767		Lynx	153.3396			
2514		HIP 32609	102.0534	55.70448	6.29	F4V	2486	48766		Lynx	153.3396			
2515		HIP 32617	102.0794	-1.31892	5.731	F0V+	2514	49434		Monocero	130.6614	0.292		
2516			102.091	41.06	5.4	Open Cluster			NGC 2281	Auriga				
2517			102.2405	-15.1447	5.59	~	2522	49662A		CanisMajo	607.0774	-0.096		
2518		HIP 32682	102.2652	1.002067	6.15	B3III	2517	49567		Monocero	1975.759	-0.134		
2519		HIP 32698	102.3183	-2.27204	5.75	B8V	2521	49643		Monocero	558.2197	-0.098		
2520		HIP 32740	102.4221	32.60675	5.708	K2/4III	2512	49380	IS Gem	Gemini	306.6793	1.298		

2521	HIP 32746	102.4345(	37.51274	6.48	K5		49364		Auriga	752.8874	1.553			
2522	HIP 32753	102.4576	16.20288	5.87	B9III	2519	49606	33 Gem	Gemini	926.1369	-0.136	5.85	5.95	
2523	HIP 32759	102.4602	-32.50847	3.89	B1.5Ve	2538	50013	κ Canis M	CanisMajo	789.3473	-0.116	3.78	3.97	
2524	HIP 32761	102.4638(	-53.62245	4.408	G4II	2554	50337		Carina	552.5441	0.899	4.39	4.45	
2525	HIP 32765	102.4775(	-46.61456	5.14	F5.5V	2548	50223		Puppis	82.19864	0.46			
2526	HIP 32768	102.4840	-50.61453	2.93	K1III	2553	50310	τ Puppis	Puppis	182.6330	1.207			
2527	HIP 32775	102.5042	-60.24914	6.098	F5VFe+0.4	2562	50571		Pictor	108.0902	0.457			
2528	HIP 32809	102.5907(	-17.08455	5.771	K3III	2535	49980		CanisMajo	1552.379	1.435			
2529	HIP 32810	102.5972	-31.70605	5.747	B6IVe+A	2545	50123		CanisMajo	718.0608	0.094			
2530	HIP 32814	102.6062	13.41317	5.672	K3III	2525	49738	35 Gem	Gemini	1502.303(	1.329			
2531	HIP 32827	102.6539	-25.77839	6.314	B2III/IV	2544	50093		CanisMajo	1202.953	-0.183			
2532	HIP 32838	102.6762(	-8.040996	6.29	B9V	2534	49976		Monocero	329.6252	0.011	6.16	6.32	
2533	HIP 32844	102.6914	41.78123(	4.975	K3III	2516	49520	ψ 7 Auriga	Auriga	364.2464	1.256			
2534	HIP 32851	102.7076	-0.540879	5.771	F3V	2530	49933		Monocero	97.45903	0.396			
2535	HIP 32855	102.7181	-34.36731	4.989	K2/3III	2549	50235		Puppis	905.5566(	1.379			
2536	HIP 32864	102.7378	67.57193	5.122	B4IV	2490	48879	42 Cam	Camelopa	867.0201	-0.152			
2537	HIP 32912	102.8624	-70.96341	5.395	B7III	2602	51557	ι Volantis	Volans	558.2197	-0.11			
2538	HIP 32918	102.8857	-48.29275	6.404	K2/3III	2563	50621		Puppis	695.0974	1.207			
2539	HIP 32921	102.8876	21.76114	5.259	A2V	2529	49908	36 Gem	Gemini	529.2220(	-0.02			
2540	HIP 32931	102.9140(	3.041991(	6.369	A1/2IV	2543	50062		Monocero	297.7169	0.052			
2541	HIP 32938	102.9267	-36.23027	5.94	A3V	2558	50445		Puppis	179.7134	0.183			
2542		102.943	0.465	6	Open Cluster			NGC 2301	Monoceros					
2543	HIP 32968	102.9999	23.60172	5.671	K5III	2533	49968		Gemini	512.5797	1.467			
2544	HIP 32990	103.0952	-5.316276	6.282	K0III	2552	50282		Monocero	476.6089(	0.977			
2545	HIP 33012	103.1892	-59.34117	6.415	A3mA3-A	2592	51210		Carina	469.7400	0.181			
2546	HIP 33015	103.1964(	-43.97558	6.46	B8V	2579	50860		Puppis	423.9272	-0.101			
2547	HIP 33018	103.1972	33.96125(	3.6	A2IV	2540	50019	θ Gemino	Gemini	196.5040(	0.102			
2548	HIP 33024	103.2061	8.380397(	5.742	F0Vn	2551	50277		Monocero	204.0049	0.27			
2549	HIP 33040	103.2512	-26.95763	6.44	M6III	2567	50648	KX CMa	CanisMajo	829.5170	1.408			
2550	HIP 33041	103.2558	38.86914	6.099	F2V	2539	50018	59 Aur	Auriga	530.0827(	0.406	5.94	6.14	

2551	HIP 33044	103.2647	35.78799	6.016	K3III:	2542	50056		Auriga	698.0738	1.455			
2552	HIP 33048	103.2710	59.44854	5.38	G8III	2520	49618	14 Lyn A	Lynx	440.5402	0.675			
2553	HIP 33056	103.2815	44.83993	6.236	A8Vn	2532	49949		Auriga	359.0304	0.239			
2554	HIP 33064	103.3057	38.43802	6.41	~	2541	50037	* 60 Aur A	Auriga	214.3326	0.516			
2555	HIP 33077	103.3283	-19.0326	5.648	A9/F0III	2565	50644		CanisMajo	329.2927	0.279			
2556	HIP 33079	103.3410	-18.9328	6.123	A3III	2566	50643		CanisMajo	457.8639	0.156			
2557	HIP 33082	103.3433	10.99665	6.281	K0III	2555	50371		Monocero	416.3477	0.962			
2558		103.35	11	6.01	K0III			[SC93] 48	Monoceros					
2559	HIP 33092	103.3871	-20.2242	4.83	B1IV	2571	50707	15 CMa	CanisMajo	1613.863	-0.212	4.79	4.84	
2560	HIP 33094	103.3914	-28.5397	6.04	G5V	2576	50806		CanisMajo	84.08553	0.708			
2561	HIP 33104	103.4260	68.88831	5.096	B6III	2511	49340	43 Cam	Camelopa	999.9988	-0.114			
2562	HIP 33126	103.4810	-24.5387	6.22	A0V	2578	50853		CanisMajo	471.7808	0.016			
2563	HIP 33133	103.4878	38.50501	6.443	B9.5pSi	2547	50204	ψ 8 Auriga	Auriga	825.3181	-0.044			
2564	HIP 33139	103.5094	-50.6115	6.26	K0/1III	2594	51266		Puppis	174.9867	0.988			
2565	HIP 33152	103.5331	-24.1842	3.87	K2Iab	2580	50877	ο 1 Canis I	CanisMajo	1975.759	1.74	3.78	3.99	
2566	HIP 33154	103.5357	-5.85218	6.46	A4V	2570	50700		Monocero	562.0698	0.174			
2567	HIP 33160	103.5474	-12.0386	4.08	K3/4III	2574	50778	θ Canis M	CanisMajo	251.9322	1.418			
2568	HIP 33184	103.6027	-1.12694	5.435	A3V	2572	50747		Monocero	484.3970	0.167			
2569	HIP 33189	103.6111	-42.3655	6.27	C-N4.5	2591	51208	NP Pup	Puppis	1364.017	2.287	6.25	6.52	
2570	HIP 33202	103.6609	13.17784	4.715	kA8mF0V	2564	50635	38 Gem	Gemini	91.08703	0.321			
2571	HIP 33210	103.6751	-1.75648	6.21	B3IVe+K2I	2577	50820		Monocero	4591.548	0.487			
2572	HIP 33243	103.7454	-2.80358	6.017	K2III	2582	50890		Monocero	1258.686	1.102			
2573	HIP 33248	103.7614	-20.4048	5.792	A2V	2588	51055	17 CMa	CanisMajo	604.8247	0.048			
2574	HIP 33269	103.8110	43.91002	6.151	A9IIIa	2557	50420	V352 Aur	Auriga	869.3347	0.314			
2575	HIP 33271	103.8132	45.82640	6.311	K0III-IV	2556	50384		Auriga	382.6295	0.945			
2576	HIP 33277	103.8277	25.37569	5.748	G0V	2569	50692	37 Gem	Gemini	56.31357	0.573			
2577	HIP 33297	103.8942	8.324290	6.258	A0V	2584	50931		Monocero	334.7010	0.037			
2578	HIP 33302	103.9059	-20.1364	4.664	F1.5V	2590	51199	π Canis M	CanisMajo	95.29374	0.374			
2579	HIP 33316	103.9455	-22.9414	5.3	B1III	2595	51283		CanisMajo	2158.942	-0.163			
2580	HIP 33330	103.9782	-31.7901	6.34	B3V	2598	51411		CanisMajo	1417.393	-0.155			

2581		HIP 33345	104.02769	-14.04343	5.09	K2/3III	2593	51250	μ Canis M	CanisMajo	908.07984	1.182	
2582		HIP 33347	104.03426	-17.05423	4.385	B3Ib	2596	51309	ι Canis Ma	CanisMajo	3075.472(	-0.063	4.36	4.4
2583		HIP 33357	104.06662	-48.72114	4.95	M1III	2608	51799		Puppis	1061.8895	1.668		
2584			104.0833	-24.73	2.6	Open Cluster			Cl Collinde	CanisMajor				
2585		HIP 33372	104.10763	9.956573(	5.897	B8Vn	2589	51104		Monocero	561.10161	-0.085		
2586		HIP 33377	104.13357	46.273998	5.87	B8IIIe	2568	50658	ψ 9 Auriga	Auriga	825.31819	-0.079		
2587		HIP 33384	104.14364	-79.42019	5.449	B9.5/A0III	2689	54239	θ Mensae	Mensa	355.50639	0.041		
2588		HIP 33394	104.19047	-35.34133	6.262	K2III	2604	51682		Puppis	644.26751	1.278		
2589			104.2	11.8333	6.06	F2Ib-II			[SC93] 51!	Monoceros				
2590		HIP 33415	104.23354	46.705351	5.877	K0III:	2573	50763		Auriga	334.01645	1.093		
2591		HIP 33420	104.25039	-8.179299	6.337	G9.5III+A(	2599	51424		Monocero	913.16544	0.641		
2592		HIP 33421	104.25217	33.681039	5.927	G5III	2586	51000		Gemini	384.88877	0.878		
2593		HIP 33444	104.30473	57.563286	6.013	K3III	2561	50551		Lynx	669.40537	1.495		
2594		HIP 33449	104.31918	58.422761	4.35	G2III	2560	50522	15 Lyn	Lynx	170.32397	0.85		
2595		HIP 33451	104.32326	-35.50715	6.224	F5V	2612	51825		Puppis	140.82063	0.465		
2596		HIP 33453	104.32709	37.394721	6.5	M3		51021		Auriga	993.90263	1.673		
2597		HIP 33465	104.35661	11.907554	6.27	F2Ib–II	2597	51330		Gemini	6520.0023	0.349		
2598		HIP 33478	104.39131	-24.63082	5.47	F3V	2607	51733		CanisMajo	125.67467	0.39		
2599		HIP 33485	104.40461	45.094093	4.893	A2Vn	2585	50973	ψ10 Aur	Lynx	224.98278	0.027		
2600		HIP 33492	104.42764	-27.53751	6.23	B2/3V	2611	51823		CanisMajo	1018.7503	-0.147		
2601		HIP 33532	104.53147	-27.16438	6.361	B2V	2614	51925		CanisMajo	1455.3590	-0.186		
2602		HIP 33558	104.60453	-34.11169	5.068	B4IV/V	2619	52092		Puppis	759.90627	-0.154		
2603		HIP 33575	104.64957	-25.41415	5.583	B2V	2616	52018		CanisMajo	1041.5345	-0.162		
2604		HIP 33577	104.65153	-56.39484	6.443	F2II	2638	52622		Carina	325.67444	0.389		
2605	Adhara	HIP 33579	104.65645	-28.97208	1.5	B1.5II	2618	52089	ϵ Canis M	CanisMajo	404.24014	-0.211		
2606		HIP 33584	104.66213	7.622296(	6.241	A3V	2606	51693		Monocero	238.13004	0.105		
2607		HIP 33588	104.66559	-55.72912	6.26	K2III	2634	52603		Carina	280.06898	1.16		
2608		HIP 33590	104.67387	-45.76761	6.22	A0V	2626	52362		Puppis	424.47823	-0.006		
2609		HIP 33591	104.68207	-30.99803	6.395	B3V	2621	52140		CanisMajo	770.68709	-0.137		
2610		HIP 33603	104.73760	3.6023557	5.947	K0II/III	2610	51814		Monocero	926.13698	1.056		

2611		HIP 33614	104.7618(	38.052318	6.021	K2III	2600	51440	62 Aur	Auriga	602.5883(	1.218		
2612		HIP 33644	104.8340(	7.3169668	6.33	B6II:	2613	51892		Monocerc	1263.566(	-0.106		
2613		HIP 3365(	104.8663(	25.914163	6.397	B9III	2605	51688	40 Gem	Gemini	1198.529(	-0.111		
2614		HIP 33666	104.9135(	-21.60289	6.26	B2III	2623	52273		CanisMajc	1399.143(	-0.164		
2615		HIP 33682	104.9605(	-67.91644	5.17	K3III	2662	53501	6 G. Vol	Volans	289.52038	1.396		
2616		HIP 33694	105.0168(	76.977408	4.54	K4III	2527	49878		Camelopa	187.0337(	1.365		
2617	Unurgunit	HIP 33856	105.0286(	-27.93483	3.49	K4III	2646	52877	σ Canis M	CanisMajc	1216.417(	1.729	3.43	3.51
2618		HIP 33703	105.0345(	-20.15842	6.305	B3V	2625	52348		CanisMajc	1194.138(	-0.134		
2619		HIP 33715	105.0659(	16.07899(	5.69	K3-Ib	2615	52005	41 Gem	Gemini	5821.416(	1.641		
2620	Citalá	HIP 33719	105.0751(	-5.367161	6.282	G0V	2622	52265		Monocerc	91.552123	0.57		
2621		HIP 33729	105.0989(	-8.406818	5.939	B8III	2624	52312		Monocerc	1097.642(	-0.075		
2622		HIP 3376(	105.1771(	-28.48957	6.279	F3/5V	2637	52619		CanisMajc	222.2222(	0.449		
2623		HIP 33774	105.2072(	-33.46552	6.399	G8II/III	2641	52703		Puppis	417.9484(	1.052		
2624		HIP 33779	105.2145(	-51.40258	5.151	M1III	2652	53047		Carina	617.4246(	1.652		
2625		HIP 3380(	105.2713(	-58.93993	6.005	A8III	2661	53349		Carina	174.7989(	0.297		
2626		HIP 33804	105.2747(	-25.21563	5.635	B2/3III/IV	2640	52670	LS CMa	CanisMajc	1028.390(	-0.165		
2627		HIP 33827	105.3392(	70.808295	5.69	K4III	2581	50885		Camelopa	456.5827(	1.337		
2628	Nganurga(	HIP 33856	105.4297(	-27.93483	3.47	K5Ib	2646	52877	σ Canis M	CanisMajc	1216.417(	1.729	3.43	3.51
2629		HIP 33873	105.4704(	-1.345883	6.189	K2III	2636	52611		Monocerc	423.9272(	1.286		
2630		HIP 33878	105.4849(	-5.722063	5.192	K5III	2639	52666		Monocerc	682.0085(	1.687		
2631		HIP 33909	105.5644(	-43.40387	6.431	A0V	2658	53253		Puppis	408.0087(	-0.039		
2632		HIP 33914	105.5728(	15.336009	5.75	K1III:	2632	52556		Gemini	644.2675(	1.14		
2633		HIP 33927	105.6032(	24.215446	5.181	G5IIa	2630	52497	ω Geminc	Gemini	1654.822(	0.953	5.14	5.226
2634		HIP 33929	105.6063(	17.755519	5.94	M1	2631	52554	NP Gem	Gemini	1352.698(	1.518	5.89	6.04
2635		HIP 33937	105.6386(	16.674445	5.848	M2III	2635	52609		Gemini	1917.646(	1.659		
2636		HIP 33971	105.7282(	-4.239232	5	B2Vn(e)	2648	52918	19 Mon	Monocerc	1116.439(	-0.195	4.96	5.01
2637		HIP 33977	105.7561(	-23.83329	3.02	B3Ia	2653	53138	ο 2 Canis	CanisMajc	2566.931(	-0.077		
2638			105.8129(	-59.17810	5.85	B9III	2674	53921A		Carina	481.5347(	-0.125		
2639		HIP 34002	105.8246(	9.1383578	5.953	A3Vs	2647	52913		Monocerc	258.9356(	0.126		
2640		HIP 34033	105.9086(	10.951817	5.117	K3III	2649	52960		Gemini	742.5956(	1.391		

2641	Muliphein	HIP 34045	105.9395	-15.63328	4.12	B8II	2657	53244	γ Canis M	CanisMajo	401.9744	-0.112		
2642		HIP 34055	105.9649	12.59424	5.985	K5	2651	52976		Gemini	1263.566	1.584		
2643		HIP 34059	105.9733	-49.58393	4.925	A4IV	2672	53811	H Pup	Puppis	191.9905	0.14		
2644		HIP 34065	105.9888	-43.60803	5.28	G1.5V	2667	53705		Puppis	52.97371	0.624		
2645		HIP 34066	105.9894	-10.12376	6.428	B8III:	2656	53240		Monocero	1273.437	-0.067		
2646		HIP 34081	106.0116	-42.33728	5.19	A3mA3-F0	2666	53704	C Pup	Puppis	315.2805	0.198		
2647		HIP 34086	106.0218	-5.323975	5.602	G8IIICNII	2655	53208		Monocero	1304.000	1.29		
2648	Mekbuda	HIP 34088	106.0272	20.57029	3.79	G1Ib	2650	52973	ζ Geminor	Gemini	1168.459	0.899	3.62	4.18
2649		HIP 34105	106.0762	-56.74970	5.17	ApSi	2683	54118	V386 Car	Carina	282.2512	-0.032	5.16	5.186
2650		HIP 34142	106.1960	-22.03168	6.072	K2IIICNIab	2664	53629		CanisMajo	329.6252	1.225		
2651		HIP 34168	106.2874	47.77504	6.359	B9V	2645	52860		Lynx	1381.357	-0.048		
2652		HIP 34177	106.3182	-50.36003	6.449	K3III	2687	54179		Puppis	787.4402	1.424		
2653		HIP 34182	106.3265	22.63745	6.01	B8Vn	2659	53257	44 Gem	Gemini	478.0074	-0.027		
2654			106.3834	-34.77769	6.43	~	2677	53952A		Puppis	181.5145	0.353		
2655		HIP 34215	106.4126	9.185790	5.78	M0III	2663	53510		Monocero	562.0698	1.513		
2656		HIP 34238	106.4652	70.73192	6.48	K0III	2617	52030		Camelopa	846.7527	1.568		
2657		HIP 34248	106.5020	-30.65571	6.325	B3V	2680	54031		CanisMajo	829.5170	-0.131	6.32	6.54
2658		HIP 34250	106.5051	59.80185	6.39	G8III:	2642	52708		Lynx	349.4101	1.19		
2659		HIP 34253	106.5094	-38.38286	6.083	G0IIaCH1:	2685	54153		Puppis	659.9187	0.702		
2660		HIP 34267	106.5482	34.47396	5.551	G8IV	2660	53329		Gemini	305.2436	0.909		
2661		HIP 34270	106.5596	-68.83758	6.474	K0III	2712	55151	7 G. Vol	Volans	500.7687	1.039		
2662		HIP 34297	106.6498	-12.39395	6.5	O7.5Vz	2679	53975		CanisMajo	4939.390	-0.124		
2663			106.6698	-11.29401	5.7	B0.7Ib	2678	53974A		CanisMajo	2834.782	0.033	5.38	5.42
2664		HIP 34301	106.6698	-11.29401	5.39	B0IIIn	2678	53974	FN CMa	CanisMajo	2834.782	0.033	5.38	5.42
2665		HIP 34318	106.7186	-24.96057	6.088	K2III	2686	54173		CanisMajo	970.2382	1.341		
2666		HIP 34338	106.7769	4.910580	6.088	B9III	2676	53929		Monocero	708.6949	-0.129		
2667		HIP 34339	106.7794	-40.89326	5.783	B3V	2691	54475	D Pup	Puppis	842.3777	-0.158		
2668		HIP 34349	106.8053	-51.96827	5.952	K0III	2698	54732		Carina	564.0128	0.996		
2669		HIP 34350	106.8178	-59.71641	6.47	B4V		54967		Carina	1455.359	-0.113		
2670		HIP 34358	106.8433	34.00928	5.93	K4III	2665	53686		Gemini	680.5839	1.507		

2671		HIP 3436(	106.8441:	-23.84071	5.83	B3Vne	2690	54309	FV CMa	CanisMajc	2963.637	-0.117	5.64	5.94
2672		HIP 34367	106.8536!	28.176698	6.464	B9V	2669	53744		Gemini	548.8211!	-0.081		
2673		HIP 34387	106.9562(	7.471214	5.739	K0III:	2682	54079		CanisMinc	567.9443(	1.176		
2674		HIP 34428	107.0553(	33.83238!	6.3	K1	2673	53899		Gemini	840.2066:	1.356		
2675		HIP 3444(	107.0918:	15.93067(	5.476	G8III	2684	54131	45 Gem	Gemini	305.24368	1.02		
2676	Wezen	HIP 34444	107.0978!	-26.39319	1.84	F8Ia	2693	54605	δ Canis M	CanisMajc	1791.210!	0.671		
2677		HIP 34462	107.1510(	37.445097	6.185	K1III	2675	53925		Auriga	695.0974-	1.212		
2678		HIP 34473	107.1765-	-70.49709	5.623	F0/3	2735	55864	γ 1 Volant	Volans	147.1121:	0.436		
2679		HIP 34481	107.1869-	-70.49893	3.746	K0III	2736	55865	γ 2 Volant	Volans	141.61608	1.006		
2680		HIP 34495	107.2127(	-39.65565	4.83	B3IV/V	2702	54893	A Pup	Puppis	751.1531:	-0.179		
2681		HIP 34536	107.3343:	-10.34656	6.21	O6.5Vz(n)	2694	54662		Monocerc	5821.416:	-0.018		
2682		HIP 34561	107.3890:	-16.23450	6.08	B1Ib/II	2699	54764	OS CMa	CanisMajc	4635.538!	0.04		
2683		HIP 34579	107.4292(	-25.23103	5.69	B2V	2704	54912	LZ CMa	CanisMajc	1831.462:	-0.158		
2684		HIP 34608	107.5278:	21.246983	6.42	G8V	2692	54563		Gemini	150.4382!	0.88		
2685		HIP 34617	107.5390:	-18.68564	6.23	F3V	2705	54958		CanisMajc	162.3506(	0.419		
2686		HIP 34622	107.5570(	-4.237106	4.92	K0III	2701	54810	20 Mon	Monocerc	211.0032-	1.02		
2687		HIP 34624	107.5805(	-27.49151	5.448	G9III	2708	55070		CanisMajc	642.9993:	0.998		
2688		HIP 3467(	107.6978-	-48.93209	5.09	K2III	2719	55526		Puppis	312.5601:	1.251		
2689		HIP 34688	107.7627:	-3.898014	6.5	K0/1III		54990		Monocerc	710.2401!	1.158		
2690		HIP 34693	107.7848:	30.245163	4.42	K2III	2697	54719	τ Geminoı	Gemini	301.5725!	1.261		
2691		HIP 34722	107.8461:	26.856588	5.75	A4IV	2700	54801	47 Gem	Gemini	389.9515!	0.13		
2692		HIP 34724	107.8483!	-0.301929	5.428	F2IV	2707	55057	21 Mon	Monocerc	261.0090!	0.31	5.43	5.5
2693		HIP 34752	107.9138(	39.32055(	4.886	K4III	2696	54716	63 Aur	Auriga	464.3871(	1.451		
2694		HIP 34758	107.9233!	-20.88306	5.825	A0IV/V	2716	55344		CanisMajc	488.7556:	-0.038		
2695		HIP 34763	107.9451!	16.976321	6.5	K5		54986		Gemini	1097.642:	1.423		
2696		HIP 34768	107.9640!	5.654703(	6.059	A1V	2710	55111		CanisMinc	781.7743!	-0.016		
2697		HIP 34769	107.9660(	-0.492767	4.15	A0IV	2714	55185	δ Monoce	Monocerc	374.7143:	-0.005		
2698			108.0082:	-63.19007	6.19	~	2754	56239A		Carina	598.1645:	-0.011		
2699		HIP 34782	108.0170:	-30.82136	6.076	A8III/IV	2720	55568		CanisMajc	155.0903:	0.273		
2700		HIP 34789	108.0312:	5.474346:	6.152	K2III	2713	55184		CanisMinc	752.8874(	1.142		

2701	HIP 34798	108.0508	-25.94258	5.897	B2IV/V	2718	55522	26 CMa	CanisMajc	718.0608	-0.17		
2702	HIP 34802	108.0658	-40.49882	5.31	A1/2V:+A	2727	55719	E Pup	Puppis	434.0887	0.072		
2703		108.1075	-36.54438	6.055	B2.5V	2726	55718A		Puppis	903.0464	-0.145		
2704	HIP 34819	108.1099	24.12859	5.85	F5III-IV	2706	55052	48 Gem	Gemini	349.0352	0.397		
2705	HIP 34834	108.1401	-46.75930	4.49	F3VFe-1.0	2740	55892	QW Pup	Puppis	69.03867	0.324	4.47	4.497
2706		108.15	-27.6667	-0.1	Galaxy			NAME CM	CanisMajor				
2707	HIP 34888	108.2799	-11.25134	5.752	K4III	2723	55589		CanisMajc	661.2586	1.508		
2708	HIP 34899	108.3056	-45.18273	4.874	B9V	2746	56022	OU Pup	Puppis	181.4135	-0.003	4.86	4.93
2709	HIP 34909	108.3428	16.15896	5	M4III	2717	55383	51 Gem	Gemini	699.5701	1.653	6.63	7.02
2710	HIP 34912	108.3474	51.42874	5.5	M3III	2703	54895	UY Lyn	Lynx	772.5126	1.64	5.47	5.55
2711	HIP 34914	108.3501	-22.67424	5.96	K4III	2730	55762		CanisMajc	779.9031	1.481		
2712	HIP 34922	108.3846	-44.63970	5.1	M5IIIe	2748	56096	L2 Puppis	Puppis	198.0558	1.331		
2713	HIP 34924	108.4018	-27.35635	6.101	B2II	2734	55857	GY CMa	CanisMajc	5174.599	-0.234	6.12	6.16
2714	HIP 34940	108.4516	-22.90577	6.27	B2IV	2733	55856		CanisMajc	1574.880	-0.184		
2715		108.485	-30.758	3.6	Open Cluster			Cl Collinde	CanisMajor				
2716	HIP 34954	108.4889	-30.33979	6.306	B2III	2743	55985		CanisMajc	1448.887	-0.183		
2717	HIP 34956	108.4918	71.81658	6.359	K0	2681	54070		Camelopa	395.6304	1.119		
2718		108.503	-25.724	6.5	Open Cluster			NGC 2354	CanisMajor				
2719	HIP 34975	108.5452	-3.901778	5.94	K5III	2731	55775		Monocerc	612.7824	1.585		
2720	HIP 34981	108.5633	-26.35250	4.65	B4Ve_sh	2745	56014	27 CMa	CanisMajc	1574.880	-0.17	4.42	4.82
2721	HIP 34982	108.5646	-9.947532	5.882	K1III	2732	55832		Monocerc	2345.323	1.528		
2722	HIP 34987	108.5835	3.111417	5.343	K0III	2729	55751		CanisMin	749.4253	1.193		
2723	HIP 34999	108.6177	-10.31624	6.03	O9.7III	2739	55879		Monocerc	2432.837	-0.173		
2724	HIP 35005	108.6359	12.11582	5.702	G6III	2728	55730		CanisMin	330.9650	1.007		
2725	HIP 35020	108.6589	-48.27192	4.76	B8/9V	2762	56456		Puppis	354.3490	-0.091		
2726	HIP 35025	108.6749	24.88498	5.82	M1III	2725	55621	52 Gem	Gemini	336.7776	1.554		
2727	HIP 35029	108.6917	-46.84967	5.715	ApSi	2761	56455	PR Pup	Puppis	425.0324	-0.109	5.69	5.74
2728	HIP 35037	108.7027	-26.77266	3.82	B2.5Ve	2749	56139	ω Canis M	CanisMajc	923.5126	-0.15	3.6	4.18
2729	HIP 35044	108.7131	-27.03799	5.582	K5III	2750	56160		CanisMajc	272.5752	1.22		
2730	HIP 35054	108.7381	-41.42639	5.942	B8pSi	2759	56410		Puppis	551.6084	-0.146		

2731	HIP 3508(	108.8308(	-0.161284	6.42	K0III	2744	56003	24 Mon	Monocerc	530.0827(	0.901		
2732	HIP 35083	108.8377{	-30.68644	5.337	B2V	2756	56342		CanisMajc	645.5454:	-0.155		
2733	HIP 35084	108.8384-	-52.49922	5.947	K1III	2767	56705		Carina	388.5595-	1.099		
2734	HIP 35113	108.9073:	45.40948]	6.5	K0		55576		Lynx	918.3097:	1.152		
2735	HIP 3512(	108.9142{	7.977743]	5.82	M4III	2747	56031		CanisMin(	603.7033:	1.537		
2736	HIP 35127	108.9301]	-10.58360	5.94	K0III	2752	56207		Monocerc	401.4789:	1.173		
2737	HIP 35132	108.9470(	-23.74027	6.34	A0V	2755	56341		CanisMajc	910.6161:	-0.018		
2738	HIP 35152	108.9881!	27.89742(	5.71	M1III	2738	55870	53 Gem	Gemini	1079.471:	1.605		
2739	HIP 3518(	109.0606:	-15.58569	5.447	A1V	2758	56405		CanisMajc	276.5054]	0.079		
2740	HIP 35181	109.0644]	-46.77453	5.622	K4III	2771	56813		Puppis	692.1438!	1.441		
2741	HIP 35202	109.1327(	-38.31892	5.797	B4V	2769	56733		Puppis	679.1658:	-0.133		
2742	HIP 35205	109.1458(	-27.88117	4.64	M2III	2766	56618		CanisMajc	452.7783(	1.589		
2743	HIP 3521(	109.1534]	-23.31559	4.79	K3Ib-	2764	56577		CanisMajc	6269.243(	1.601		
2744	HIP 35213	109.1598:	-23.31095	5.79	A5mA5-A9		56578		CanisMajc	257.5039(	0.317		
2745	HIP 3522(	109.2058(	-36.59263	5.009	B3V	2770	56779		Puppis	958.8250:	-0.161		
2746	HIP 35228	109.2075!	-67.95715	3.99	F8Ib/II	2803	57623	δ Volantis	Volans	659.9187{	0.76		
2747	HIP 35241	109.2384(	-30.89701	6.32	A9II	2768	56731		CanisMajc	480.8273!	0.2		
2748	HIP 35253	109.2641]	26.689492	6.389	G7IV		56176		Gemini	296.3637(	0.883		
2749	HIP 35264	109.2856!	-37.09747	2.7	K4III	2773	56855	π Puppis	Puppis	1093.9585	1.616		
2750	HIP 35264	109.2857(	-37.09763	6.49	B5+	2773	56855B	* pi. Pup E	Puppis	1093.9585	1.616		
2751	HIP 35301	109.3819:	-6.679994	6.274	K4III	2765	56614		Monocerc	1689.120]	1.624		
2752	HIP 35304	109.3904!	52.131067	5.918	K1III:	2737	55866		Lynx	609.3463]	1.259		
2753	HIP 35317	109.4276{	38.876262	6.485	K0		56171		Auriga	524.1169(	0.995		
2754	HIP 3532(	109.4500-	-26.79755	6.434	B5Vn	2774	56876		CanisMajc	920.9046!	-0.153		
2755	HIP 35341	109.5092:	40.883393	5.87	A5Vn	2753	56221	64 Aur	Auriga	267.6519!	0.181		
2756	HIP 35345	109.5170-	30.955872	6.196	A0Vn	2757	56386		Gemini	611.6316:	-0.024		
2757	HIP 35347	109.5177(	-43.98678	5.839	B8II/III	2789	57197	M Pup	Puppis	620.9519{	-0.117		
2758	HIP 3535(	109.5232-	16.540385	3.559	A4IV	2763	56537	λ Gemino	Gemini	94.2469!-	0.106		
2759	HIP 35363	109.5766:	-36.73395	4.67	B2V+B3IV	2787	57150	NV Pup	Puppis	846.7527(	-0.099	4.58	4.78
2760	HIP 35384	109.6332:	49.464755	5.05	A4IIIn	2751	56169		Lynx	297.1742(	0.087		

2761		HIP 35393	109.6396	-39.21028	5.243	A0V	2791	57240	F Pup	Puppis	469.0652	0.026	
2762		HIP 35406	109.6591	-36.74273	5.11	B3Vne	2790	57219	NW Pup	Puppis	835.8969	-0.17	5.11 5.18
2763		HIP 35412	109.6682	-24.55869	4.95	O7Iafpvar	2781	57060	UW CMa	CanisMajo	2990.826	-0.16	4.84 5.33
2764		HIP 35415	109.6770	-24.95436	4.4	O9II	2782	57061	τ Canis M	CanisMajo	5120.656	-0.132	
2765		HIP 35427	109.7136	-26.58585	5.288	G2Ib	2786	57146		CanisMajo	1352.698	0.956	
2766		HIP 35442	109.7580	-19.28030	6.094	F2Ia	2785	57118		CanisMajo	9453.811	0.612	
2767		HIP 35463	109.8070	-33.72716	6.3	K2/3III	2794	57299		Puppis	734.2337	1.302	
2768		HIP 35476	109.8432	2.740676	5.887	K0III	2778	56989		CanisMino	519.9375	1.069	
2769		HIP 35487	109.8674	-16.39524	5.7	F2III/IV	2788	57167	R CMa	CanisMajo	143.5492	0.346	5.7 6.34
2770		HIP 35509	109.9485	7.142947	5.91	F8IV	2779	57006		CanisMino	193.3571	0.537	
2771		HIP 35548	110.0285	15.14292	6.442	A2Vn	2780	57049		Gemini	1093.958	0.009	
2772	Wasat	HIP 35550	110.0307	21.98230	3.53	F2VkF0mF	2777	56986	δ Gemino	Gemini	58.79183	0.374	
2773		HIP 35564	110.0892	-52.31152	5.953	F5V	2813	57852		Carina	113.3913	0.483	
2774			110.0910	-52.30924	6.443	F9V		57853		Carina			
2775		HIP 35589	110.1616	-52.08592	5.367	B9II/III	2815	57917		Carina	493.1925	-0.069	
2776		HIP 35611	110.2288	-26.96383	5.986	B3V	2800	57593		CanisMajo	1801.105	-0.172	6.01 6.27
2777		HIP 35615	110.2428	-14.36049	5.584	G8/K0III	2796	57478		CanisMajo	556.3126	0.971	
2778		HIP 35623	110.2629	42.65591	6.32	K0	2775	56941		Auriga	804.9399	1.404	
2779		HIP 35626	110.2680	-25.89164	5.886	M3-III-IIIa	2802	57615	MZ CMa	CanisMajo	722.8367	1.604	
2780		HIP 35643	110.3229	45.22817	5.739	F2VkF1mF	2776	56963		Lynx	112.4527	0.342	
2781		HIP 35699	110.4869	20.44365	5.08	M0III	2795	57423	56 Gem	Gemini	428.3837	1.528	
2782		HIP 35707	110.5085	-8.979379	6.43	O9.2IV	2806	57682		Monocero	3636.892	-0.189	
2783		HIP 35710	110.5109	36.76058	5.12	G8III	2793	57264	65 Aur	Auriga	234.5323	1.082	
2784		HIP 35712	110.5144	0.177121	5.971	B9II-III	2801	57608		CanisMino	5344.250	-0.069	
2785		HIP 35725	110.5558	38.99592	6.4	K0	2792	57263		Auriga	532.6809	1.217	
2786		HIP 35727	110.5563	-19.01660	4.95	B5II/III	2812	57821		CanisMajo	516.6417	-0.039	
2787		HIP 35735	110.5716	59.90199	6.35	A8m	2772	56820	47 Cam	Camelopa	229.0936	0.282	
2788		HIP 35737	110.5774	-2.979128	6.238	K0III+A3V	2807	57708		Monocero	590.5785	0.686	
2789		HIP 35749	110.6057	-5.982828	5.816	F2III	2811	57749		Monocero	908.0798	0.352	
2790		HIP 35751	110.6179	0.700831	6.43	K0/1III		57707		CanisMino	224.6727	0.995	

2791		HIP 35785	110.7169(	55.28139	5.78	B8V	2784	57103	19 Lyn	Lynx	468.3904	-0.078		
2792		HIP 35795	110.7529(	-31.92377	5.43	B3V	2819	58155	NO CMa	CanisMajo	1429.823	-0.161		
2793		HIP 35842	110.8672	22.94534	6.17	A1V	2810	57744	58 Gem	Gemini	311.6636(	0.006		
2794		HIP 35846	110.8687	25.05053	5.022	G8II	2808	57727	57 Gem	Gemini	153.9916	0.902		
2795		HIP 35848	110.8708(	-27.83429	5.356	K4III	2822	58215		CanisMajo	548.8211	1.539		
2796		HIP 35855	110.8828	-32.20206	5.39	B2/3II/III	2823	58286		CanisMajo	1156.029(	-0.169		
2797		HIP 35893	110.9930	-35.83783	6.297	B5V	2829	58420		Puppis	696.5807	-0.136		
2798	Aludra	HIP 35904	111.0237	-29.30310	2.45	B5Ia	2827	58350	η Canis M	CanisMajo	3196.079(	-0.083		
2799		HIP 35907	111.0352	40.67238	5.188	K0.5IIIa	2805	57669	66 Aur	Auriga	727.6778	1.249		
2800		HIP 3592(	111.0718(	-22.91275	6.2	B8/9V	2826	58346		CanisMajo	652.0002	-0.088		
2801		HIP 35933	111.1152(	15.51719	6.41	B2Ve	2817	58050	OT Gem	Gemini	4865.682	-0.19	6	6.44
2802		HIP 35941	111.1393	27.63785	5.759	F0:III:	2816	57927	59 Gem	Gemini	209.3771	0.368		
2803		HIP 35946	111.1546	-71.47065	6.48	A3V		59640	11 G. Vol	Volans	252.7133	0.12		
2804		HIP 35951	111.1674	-16.20147	5.19	B2Vne	2825	58343		CanisMajo	944.9276	-0.035	5	5.5
2805		HIP 35957	111.1827	-31.80890	5.28	K1+III	2834	58535		CanisMajo	551.6084	1.071		
2806		HIP 35975	111.2120	-19.01228	6.272	A2Ib/II	2831	58439		CanisMajo	1781.421	0.291		
2807		HIP 35984	111.2378	51.88725	5.783	K5III	2804	57646		Lynx	1147.888	1.61		
2808		HIP 35987	111.2424	11.66952	5.361	A5IV	2820	58187	1 CMi	CanisMino	317.1208	0.105		
2809		HIP 35998	111.2846	-13.75197	5.78	F5VFe-0.8	2832	58461		CanisMajo	113.5096	0.432		
2810		HIP 36017	111.3332	-21.98258	6.038	A5/7II	2839	58585		CanisMajo	3165.050	0.227		
2811		HIP 36019	111.3414(	81.25746	6.29	A0III	2709	55075		Camelopa	831.6328	-0.031		
2812		HIP 36024	111.3552	-25.21776	5.782	B5III	2841	58612		CanisMajo	3227.723	-0.103		
2813		HIP 36039	111.4087	-79.09419	5.522	K2/3III	2919	60816	ϵ Mensae	Mensa	466.3822	1.281		
2814		HIP 36041	111.4120	9.276090	4.986	G6IIb	2828	58367	ϵ Canis M	CanisMino	987.8781	0.991		
2815		HIP 36045	111.4290	-31.73872	6.297	B2/3III	2847	58766		CanisMajo	987.8781	-0.176		
2816		HIP 36046	111.4316	27.79807	3.79	G9IIIb	2821	58207	ι Geminor	Gemini	125.8686	1.024		
2817		HIP 36055	111.4633	-5.774961	5.962	G3Ib	2833	58526		Monocero	1895.348	0.901		
2818		HIP 36114	111.5910	-51.01848	5.081	K0III	2862	59219		Carina	562.0698	1.038		
2819		HIP 36123	111.6157	10.60806	6.377	A2IV	2836	58552		CanisMino	315.5857	0.078		
2820		HIP 36141	111.6717	11.00884	6.375	B7IV	2840	58599		CanisMino	1263.566(	-0.126		

2821		HIP 36143	111.6769	-34.14069	5.884	B3/5V	2856	59026		Puppis	973.1331	-0.153		
2822		HIP 36145	111.6785	49.21152	4.61	A0.5Vs	2818	58142	21 Lyn	Lynx	248.6653	-0.001		
2823		HIP 36156	111.7347	20.25754	5.935	F2Vn	2837	58579	61 Gem	Gemini	405.4724	0.336		
2824		HIP 36168	111.7478	-23.08602	5.56	B0.5IVe	2855	58978	FY CMa	CanisMajo	1417.393	-0.134	5.54	5.69
2825		HIP 36186	111.7832	-17.86486	5.62	F2V	2853	58954	NR CMa	CanisMajo	280.3095	0.314		
2826	Gomeisa	HIP 36188	111.7876	8.289315	2.89	B8Ve	2845	58715	β Canis M	CanisMino	170.1463	-0.097	2.84	2.92
2827		HIP 36211	111.8576	66.33157	6.462	B9V	2809	57742		Camelopa	893.1522	-0.064		
2828		HIP 36236	111.9289	-22.85919	5.97	B5III	2860	59136		Puppis	881.0805	-0.088		
2829		HIP 36238	111.9348	21.44527	5.24	F3V	2846	58728	63 Gem	Gemini	110.9600	0.455		
2830			111.9652	-11.55686	6.11	G2V	2859	59067		CanisMajo	1009.289	0.583		
2831		HIP 36258	111.9964	-29.15589	5.542	B9V(pSi)	2863	59256		Puppis	673.5553	-0.048		
2832		HIP 36264	112.0080	-26.83897	6.26	K4III		59235		Puppis	663.9513	1.513		
2833		HIP 36265	112.0086	6.941970	5.22	F0III	2851	58923	η Canis M	CanisMino	351.2944	0.221		
2834		HIP 36284	112.0408	8.925524	4.3	K3-IIIFe-0.	2854	58972	γ Canis M	CanisMino	397.5603	1.425		
2835		HIP 36325	112.1662	27.55293	6.36	K2III		58898		Gemini	320.8662	1.223		
2836		HIP 36340	112.1968	15.10982	6.22	B9IV	2858	59059		Gemini	768.8680	-0.04		
2837		HIP 36345	112.2131	-31.84839	6.37	B2.5V	2870	59499		Puppis	582.1416	-0.156		
2838		HIP 36346	112.2141	-64.50980	6.39	K5III	2888	60150	12 G. Vol	Volans	680.5839	1.554		
2839		HIP 36348	112.2145	48.18393	5.71	B9IIIpSr	2844	58661		Lynx	410.0625	-0.092		
2840		HIP 36351	112.2192	46.31461	6.41	K0		58681		Lynx	337.1264	1.202		
2841		HIP 36362	112.2704	-31.45621	5.768	B2IV	2873	59550		Puppis	1143.859	-0.185		
2842		HIP 36363	112.2737	-38.81206	5.395	B3V	2875	59635		Puppis	556.3126	-0.148		
2843		HIP 36366	112.2779	31.78454	4.18	F1V	2852	58946	ρ Gemino	Gemini	60.30349	0.32		
2844		HIP 36377	112.3076	-43.30143	3.25	K5III	2878	59717	σ Puppis	Puppis	183.7656	1.509		
2845		HIP 36388	112.3277	-1.905325	5.572	K3/4III	2865	59311		Monocero	1630.000	1.493		
2846		HIP 36393	112.3351	28.11827	5.064	A4V	2857	59037	64 Gem	Gemini	163.0000	0.12		
2847			112.3410	-14.99866	6.39	F6	2868	59438A		Puppis	111.2247	0.479		
2848		HIP 36396	112.3421	-10.32666	5.706	K4/5III	2867	59381		Monocero	926.1369	1.616		
2849		HIP 36399	112.3569	-7.551236	5.853	F6V	2866	59380		Monocero	90.68149	0.487		
2850		HIP 36425	112.4490	12.00656	4.531	K1III	2864	59294	6 CMi	CanisMino	560.1366	1.276		

2851	HIP 36429	112.45317	27.91612(	5.01	G9IIIb	2861	59148	65 Gem	Gemini	383.0794	1.117		
2852	HIP 36431	112.4642	-23.02429	4.86	A5/7Iab/II	2874	59612		Puppis	3227.723	0.243		
2853	HIP 36439	112.4831	49.67245	5.357	F6V	2849	58855	22 Lyn	Lynx	64.875648	0.47		
2854	HIP 36444	112.4988	-52.65115	5.863	K0III	2884	60060		Carina	330.2935	1.01		
2855	HIP 36496	112.6288	-54.39936	5.941	M1III	2892	60228		Carina	432.9346	1.585		
2856	HIP 36514	112.6775(	-30.96228	4.65	G2Iab/b	2881	59890		Puppis	1752.687	0.904		
2857	HIP 36521	112.6977	-9.776877	5.82	G8/K0Ib/II		59693	U Mon	Monocerc	2248.276	1.096		
2858	HIP 36526	112.7130	-5.226493	6.236	K0II	2876	59669		Monocerc	8358.969(	1.185		
2859	HIP 36528	112.7194	68.46564(	5.643	K2III	2830	58425		Camelopa	452.7782	1.1		
2860	HIP 36547	112.7686	82.41146	4.96	M4IIIa	2742	55966	VZ Cam	Camelopa	473.1500	1.633	4.8	4.96
2861	HIP 36553	112.7865	11.20298(	6.36	K0		59603		CanisMinc	711.7919	1.278		
2862	HIP 36616	112.9516	17.08604	5.442	K2III	2877	59686		Gemini	301.5725	1.126		
2863	HIP 3664(	113.0240	-8.881326	5.916	G0VFe-1.(	2883	59984		Monocerc	97.604758	0.54		
2864	HIP 36641	113.0247	1.914479(	5.233	F0V	2880	59881	δ 1 Canis	CanisMinc	787.4402	0.23		
2865	HIP 36657	113.0927	-35.96118	6.346	B8V	2895	60312		Puppis	739.2280	-0.096		
2866	HIP 36721	113.2907	-24.71073	5.83	A3III	2900	60345		Puppis	305.8161	0.156		
2867	HIP 36723	113.2986(	3.290379	5.571	F1III-IV	2887	60111	δ 2 Canis	CanisMinc	139.0784	0.321		
2868	HIP 36728	113.3048	-40.05852	6.247	B8IV(pSi)	2907	60559	V376 Pup	Puppis	672.1666(	-0.129		
2869	HIP 36732	113.3315	-19.41252	5.63	K0III	2899	60341		Puppis	292.3767	1.121		
2870	HIP 36736	113.3424	-14.33830	6.21	B2II	2897	60325		Puppis	1509.259	-0.061		
2871	HIP 3674(	113.3534	37.18789	6.39	K0		59826		Lynx	529.2220(	1.231		
2872	HIP 3676(	113.4020	15.82666	5.263	A1Vp	2886	60107	68 Gem	Gemini	375.1446	0.055		
2873	HIP 36773	113.4498(	-14.52390	4.97	M1Iabe+B	2902	60414	KQ Pup	Puppis	3360.833(	1.362	4.82	5.17
2874	HIP 36778	113.4626	-36.33839	5.44	B2Vne	2911	60606	OW Pup	Puppis	1273.437	-0.078	5.37	5.56
2875	HIP 36779	113.4646	51.31414	6.49	K0		59721		Lynx	873.9965	1.348		
2876	HIP 36795	113.5132	-22.29606	4.39	F6IV-V	2906	60532		Puppis	83.82221	0.51		
2877	HIP 36796	113.5206	10.56807	6.265	A0Vb	2893	60275		CanisMinc	420.1033(	0.022		
2878	HIP 36807	113.5534	-33.46342	6.095	A9IV	2913	60646		Puppis	286.7193	0.297		
2879	HIP 36812	113.5662	3.371724	5.817	B9V	2901	60357	δ 3 Canis	CanisMinc	676.3491	-0.018		
2880	HIP 36817	113.5775(	-23.47366	5.09	F5V+F6V	2909	60584		Puppis	94.73987(	0.468		

2881		HIP 36817	113.5775	-23.47366	5.77	F5V	2909	60584	* n Pup A	Puppis	94.73987(	0.468		
2882		HIP 36817	113.5802	-23.47489	5.795	F6V	2910	60585	* n Pup B	Puppis	94.73987(	0.468		
2883		HIP 36848	113.6449	-27.01227	5.77	K1III	2916	60666		Puppis	313.1606(	1.045		
2884		HIP 3685(	113.6494	31.88827(	1.9	A1.5IV+	2891	60179		Gemini				
2885	Castor	HIP 3685(	113.6494	31.88828	1.58	A1V+A2Vr	2891	60179	α Gemino	Gemini	51.52529	0.034		
2886		HIP 3685(	113.6504	31.88849	3	kA0hA2:m	2890	60178		Gemini				
2887		HIP 3685(	113.6649	-51.47451	6.28	A1III/IV	2925	61031		Carina	1330.6118	0.073		
2888		HIP 3689(	113.7866	30.96091	5.347	K0III	2896	60318		Gemini	302.4120	1.01		
2889		HIP 3691(	113.8402	-74.27495	6.34	B9	2979	62153	15 G. Vol	Volans	958.8250	0.016		
2890		HIP 3691(	113.8453	-28.36933	4.63	B7V	2922	60863		Puppis	224.8276	-0.111		
2891		HIP 3694(	113.9155(	-52.53383	4.92	K3III	2934	61248		Carina	393.7201	1.373		
2892		HIP 3696(	113.9806	26.89574	4.06	M0III	2905	60522	υ Gemino	Gemini	240.2360(	1.54		
2893		HIP 3696(	113.9832	43.03095	6.41	F2V	2898	60335	CC Lyn	Lynx	393.2441	0.364		
2894		HIP 3697(	114.0066	-55.8877(	6.399	K1/2IIICNI	2941	61394		Carina	601.4767	1.182		
2895		HIP 3698(	114.0162	-14.49277	5.7	B2Ve	2921	60855	V378 Pup	Puppis	1654.822	-0.067		
2896		HIP 3698(	114.0308	-22.16050	6.34	K1II	2923	60951		Puppis	690.6768	0.968		
2897		HIP 3700(	114.0695(	-8.311301	6.284	K5III	2920	60853		Monocerc	619.7718(	1.541		
2898		HIP 3702(	114.1318	46.18028(	5.65	M0III	2903	60437		Lynx	518.2847(	1.56		
2899		HIP 3703(	114.1446(	5.862171	5.888	G0V	2918	60803		CanisMinc	142.2338	0.602		
2900		HIP 3703(	114.1709	-19.70234	5.699	B2III	2928	61068	PT Pup	Puppis	1697.916	-0.165	5.72	5.74
2901		HIP 3704(	114.1830(	-48.83016	5.68	B8V	2940	61391		Puppis	496.9513	-0.037		
2902		HIP 3704(	114.1959	55.75506	5.931	K2III	2894	60294		Lynx	280.3095(	1.123		
2903		HIP 3708(	114.3195	-4.110981	5.131	F6III	2927	61064	25 Mon	Monocerc	202.3587(	0.442		
2904		HIP 3708(	114.3205	-23.77539	6.361	F0Ib	2933	61227		Puppis	40750.01	0.54		
2905		HIP 3709(	114.3241	40.02537	6.34	~	2915	60654		Lynx	639.2145(	1.6		
2906		HIP 3709(	114.3421	-34.96853	4.83	~	2937	61330	NAME * f	Puppis	358.2415	-0.081		
2907		HIP 3709(	114.3421	-34.96853	4.53	B8IV/V	2937	61330		Puppis	358.2415	-0.081		
2908		HIP 3709(	114.3421(	-34.96844	6.07	~	2937	61330	* f Pup C	Puppis	358.2415	-0.081		
2909		HIP 3712(	114.4375	-38.01042	6.362	K4III	2945	61453		Puppis	565.9720(	1.472		
2910		HIP 3714(	114.4743(	48.77384	5.906	A5m	2914	60652		Lynx	262.0581	0.221		

2911		HIP 37165	114.5598	24.36044	6.37	F0	2926	61035		Gemini	153.2676	0.337		
2912		HIP 37173	114.5751	-25.3648	4.67	B8III	2944	61429	PU Pup	Puppis	550.6761	-0.1	4.69	4.75
2913		HIP 37174	114.5758	-48.6014	5.658	F7Ib/II	2957	61715	MY Pup	Puppis	5015.381	0.683	5.54	5.76
2914		HIP 37202	114.6355	-38.7814	6.191	G8III	2955	61642		Puppis	393.2441	1.015		
2915		HIP 37204	114.6369	35.0485	5.572	G8III	2924	60986	70 Gem	Gemini	306.1033	0.921		
2916		HIP 37223	114.6829	-36.4968	5.8	B3III	2954	61641		Puppis	964.4974	-0.148		
2917		HIP 37229	114.7057	-26.8017	4.5	B6V	2948	61555	* k01 Pup	Puppis	454.0399	-0.159		
2918		HIP 37229	114.7077	-26.8038	4.429	B5IV	2949	61556	* k02 Pup	Puppis	454.0399	-0.159		
2919		HIP 37248	114.7513	-53.2733	6.044	B9IV/V(pS	2971	61966	V390 Car	Carina	544.2408	-0.118	6.06	6.064
2920	Jishui	HIP 37265	114.7913	34.5843	4.9	F5-6IV	2930	61110	o Gemino	Gemini	158.0989	0.413		
2921		HIP 37269	114.8000	24.2225	6.18	A2V	2931	61219		Gemini	434.6657	0.028		
2922	Procyon	HIP 37279	114.8254	5.224987	0.37	F5IV-V+D(	2943	61421	α Canis M	CanisMino	11.40139	0.432		
2923		HIP 37289	114.8508	-16.8472	6.38	K3III		61589		Puppis	666.6669	1.47		
2924		HIP 37293	114.8624	-26.8631	6.485	B5/7V	2956	61672		Puppis	819.0948	-0.094		
2925		HIP 37297	114.8639	-38.3080	4.84	B3V	2961	61831		Puppis	573.9427	-0.189		
2926		HIP 37300	114.8691	17.6745	5.05	K5.5III	2938	61338	74 Gem	Gemini	531.8105	1.616		
2927		HIP 37322	114.9325	-38.1392	5.77	B5V	2963	61878		Puppis	611.6316	-0.125		
2928		HIP 37329	114.9494	-38.2606	5.747	B3III	2964	61899		Puppis	1116.439	-0.071		
2929		HIP 37339	114.9753	32.0097	6.165	F5III	2936	61295		Gemini	274.8735	0.374		
2930		HIP 37345	114.9916	-37.5794	5.996	B5IV	2968	61925	V468 Pup	Puppis	1352.698	-0.04	5.92	6.02
2931			115.0291	5.231174	6.07	A0III	2950	61563		CanisMino	258.8543			
2932			115.043	-33.54	6.3	Open Cluster			Cl Bochun	Puppis				
2933		HIP 37364	115.0563	-19.6608	5.921	K0III	2960	61774		Puppis	719.6485	1.158		
2934		HIP 37369	115.0612	38.3445	5.73	M0III	2935	61294		Lynx	815.0002	1.654		
2935		HIP 37375	115.0875	-11.7525	6.42	K1III		61750		Puppis	537.9556	1.245		
2936		HIP 37379	115.0967	-15.2639	4.951	K3III	2959	61772		Puppis	676.3491	1.543		
2937		HIP 37391	115.1270	87.0201	5.07	K8	2609	51802	OV Cep	Cepheus	499.2333	1.604	5	5.07
2938		HIP 37394	115.1480	-8.1854	6.013	A2III	2958	61749		Monocero	310.1809	0.153		
2939		HIP 37404	115.1966	13.7712	6.21	K0	2953	61630		Gemini	1034.919	1.393		
2940		HIP 37405	115.2042	4.0718	6.5	K5III		61721		CanisMino	515.0084	1.457		

2941	HIP 3740	115.2064	57.08282	6.076	K5III	2929	61106	23 Lyn	Lynx	698.0738	1.44		
2942	HIP 3742	115.2438	23.01852	5.906	K5III	2951	61603		Gemini	1523.365	1.561		
2943	HIP 3744	115.3016	48.13153	5.581	K0III	2939	61363		Lynx	325.6744	1.011		
2944	HIP 3744	115.3117	-9.55113	3.93	G9.5III-IIIb	2970	61935	α Monoce	Monocero	144.1839	1.022		
2945	HIP 3745	115.3158	-38.5335	5.393	B3V	2981	62226		Puppis	617.4246	-0.13		
2946	HIP 3746	115.3405	-44.6321	6.406	B7IV/V	2984	62318		Puppis	1139.859	-0.003		
2947	HIP 3746	115.3480	-22.3367	6.16	M0/1III	2976	62082		Puppis	860.1578	1.644		
2948	HIP 3747	115.3964	3.624779	5.942	B9.5IV/V	2966	61887		CanisMino	503.8657	-0.032		
2949	HIP 3750	115.4552	-72.6060	3.944	G9IIIb	3024	63295	ζ Volantis	Volans	133.8259	1.033		
2950	HIP 3750	115.4660	13.48045	5.8	M2III	2965	61885		Gemini	785.5429	1.669		
2951	HIP 3752	115.5134	14.20850	5.56	M3+II-III	2967	61913	NZ Gem	Gemini	1021.945	1.642	5.52	5.72
2952	HIP 3753	115.5425	-58.6309	6.389	B3V	3006	62758		Carina	1068.853	-0.094		
2953	HIP 3758	115.6814	34.00022	6.06	F7V	2962	61859		Gemini	178.0449	0.469		
2954	HIP 3759	115.7006	-26.3513	5.628	K1III	2988	62412		Puppis	332.9928	0.99		
2955	HIP 3759	115.7222	-58.2300	6.205	K0III	3012	62897		Carina	629.3432	1.049		
2956	HIP 3760	115.7378	-45.1731	5.04	G8IV-V	2998	62644		Puppis	78.68697	0.765		
2957	HIP 3760	115.7517	58.71035	4.947	A3IVn	2946	61497	24 Lyn	Lynx	237.0910	0.104		
2958	HIP 3761	115.7725	0.189332	6.31	K0III	2982	62264		CanisMino	452.7783	1.047		
2959	HIP 3761	115.7725	0.189334	6.31	~	2982	62264AB	NAME HD	CanisMino	452.7783	1.047		
2960	HIP 3762	115.7999	-36.0500	5.585	B5V	2994	62578		Puppis	598.1645	-0.13		
2961	HIP 3762	115.8280	28.88350	4.29	K1IIIe	2973	62044	σ Gemino	Gemini	122.1890	1.118	4.13	4.29
2962	HIP 3763	115.8382	4.945756	6.48	K0		62286		CanisMino	642.9993	1.356		
2963	HIP 3763	115.8424	22.39944	6.229	K0III	2978	62141		Gemini	306.6793	0.93		
2964	HIP 3764	115.8849	-28.4108	4.59	K5III	2993	62576	1 Pup	Puppis	976.0476	1.632		
2965	HIP 3766	115.9247	-40.9337	5.17	K1III	3002	62713		Puppis	215.4661	1.104		
2966	HIP 3766	115.9288	-38.2018	6.4	B8IV	3001	62712		Puppis	580.0715	-0.119		
2967	HIP 3767	115.9519	-28.9548	3.93	A4Iabe	2996	62623	3 Pup	Puppis	5528.076	0.16		
2968	HIP 3770	116.0174	50.43379	5.36	A0IIIn	2969	61931	50 Cam	Lynx	689.2164	-0.001		
2969	HIP 3770	116.0288	25.78416	5.289	K4.5III	2983	62285	76 Gem	Gemini	594.8915	1.535		
2970	HIP 3770	116.0318	2.405422	6.47	A5IV	2989	62437	AZ CMi	CanisMino	432.9346	0.211	6.44	6.51

2971		HIP 3771(	116.0403[	-36.06250	5.784	F0IV	3007	62781		Puppis	141.8009[	0.32		
2972		HIP 3772(	116.0542[	-69.82161	6.154	A0IV/V	3038	63584	18 G. Vol	Volans	402.9654[	-0.032		
2973		HIP 3772[	116.0585[	12.86007(	6.4	K0	2987	62407		CanisMinc	876.3437[	1.392		
2974		HIP 3774(	116.1118[	24.39799[	3.57	G8III-IIIb	2985	62345	κ Gemino	Gemini	143.4227[	0.932		
2975		HIP 3775[	116.1423[	-24.67407	5.6	B2II	3004	62747	V390 Pup	Puppis	1862.859[	-0.191		
2976		HIP 3775[	116.1424[	-37.94291	5.87	B8V	3011	62893		Puppis	608.2086[	-0.115		
2977		HIP 3777[	116.1827[	-66.07193	6.382	G6/8III	3036	63513	17 G. Vol	Volans	648.1110[	0.949		
2978		HIP 3781[	116.3137[	-37.96858	3.61	K4III	3017	63032	c Pup	Puppis	1387.234[	1.706		
2979		HIP 3782[	116.3251[	-43.75256	6.012	B5V	3020	63118		Puppis	885.8694[	-0.069		
2980	Pollux	HIP 3782[	116.3289[	28.026198	1.14	K0IIIb	2990	62509	β Gemino	Gemini	33.724577	1		
2981		HIP 3784[	116.3713[	-14.69053	5.997	A5/8	3010	62864	2 Pup A	Puppis	358.6359[	0.11		
2982		HIP 3785[	116.3955(	-34.17255	5.362	F9V	3018	63077	171 G. Pu	Puppis	49.551692	0.589		
2983		HIP 3785[	116.3979[	-56.72256	6.101	F0II	3031	63382		Carina	942.1957[	0.397		
2984		HIP 3789[	116.4869[	-14.56380	5.026	F2V	3015	62952	4 Pup	Puppis	236.2320[	0.342		
2985		HIP 3790[	116.5091[	-6.772514	5.496	K5III	3014	62902		Monocerc	238.3041[	1.378		
2986		HIP 3790[	116.5310[	18.509998	4.87	K4III	3003	62721	81 Gem	Gemini	341.3612[	1.425		
2987		HIP 3791[	116.5439[	-37.93367	5.869	B5V	3022	63215	V392 Pup	Puppis	631.7817(	-0.111		
2988		HIP 3792[	116.5675(	10.768251	5.237	A1Vnn	3008	62832	11 CMi	CanisMinc	312.2605[	0.018		
2989		HIP 3793[	116.6142[	62.830523	6.458	A7VpSrCr	2977	62140		Camelopa	264.6103[	0.262	6.43	6.48
2990		HIP 3793[	116.6392[	-37.77256	6.315	K3III		63291		Puppis	597.0692[	1.348		
2991		HIP 3794(	116.6636(	37.517395	5.18	M3III	2999	62647	DU Lyn	Lynx	326.3261[	1.588	5.18	5.31
2992		HIP 3794[	116.6669[	65.455674	5.925	K2III:	2975	62066	51 Cam	Camelopa	331.9756[	1.183		
2993		HIP 3795[	116.6863(	-12.67531	6.386	B9III	3019	63112		Puppis	961.6514[	-0.004		
2994		HIP 3798[	116.7739[	-39.33099	6.322	ApSi	3032	63401	OX Pup	Puppis	684.8740[	-0.142	6.3	6.36
2995		HIP 3799[	116.8023(	-22.51950	5.87	B1/2V	3023	63271		Puppis	987.8781[	-0.18		
2996		HIP 3799[	116.8108(	-36.07360	6.45	K1III		63399		Puppis	428.3837[	1.083		
2997		HIP 3801(	116.8541[	-38.51114	5.068	B2IV/V	3035	63465		Puppis	1239.543[	-0.112		
2998		HIP 3801[	116.8763[	33.415696	5.14	M0III	3013	62898	π Geminc	Gemini	562.0698[	1.635		
2999		HIP 3802(	116.8812[	-46.60848	5.208	B2III	3037	63578		Puppis	1671.797(	-0.151		
3000		HIP 3803[	116.9105[	-15.99068	6.309	K1Ia-Iab	3026	63302	QY Pup	Puppis	2279.722(	1.791	6.24	6.71

3001		HIP 38037	116.9383(	-16.01448	6.43	K5II/III	3027	63323		Puppis	2397.059:	1.697
3002		HIP 38048	116.9863(	-12.19275	5.73	~	3029	63336A	* 5 Pup A	Puppis	98.60851:	0.478
3003		HIP 3807(	117.0215:	-25.93716	4.49	B1IVe	3034	63462	o Puppis	Puppis	2469.698(	-0.07
3004		HIP 38074	117.0356:	-40.65237	6.14	M2III	3041	63640	T Pup	Puppis	600.3683:	1.591
3005		HIP 38087	117.0812-	-56.47107	6.38	K0III+A1V	3056	63926		Carina	2263.888:	1.01
3006			117.0812!	-56.47107	6.484	K0III	3056	63926		Carina	2263.888:	1.01
3007		HIP 38089	117.0839!	-47.07772	4.71	K0IIIb	3046	63744	Q Pup	Puppis	227.0196:	1.039
3008		HIP 3810(	117.1401(	23.140978	6.21	K0III+A0IV	3021	63208	82 Gem	Gemini	1051.614-	0.571
3009		HIP 3814(	117.2569'	-24.91224	5.313	G1.5IIIFe-(	3043	63660		Puppis	320.8662(	0.751
3010		HIP 38147	117.2576!	13.371869	6.066	K0III	3030	63352		Gemini	659.9187'	1.367
3011		HIP 38152	117.2780(	-56.41036	5.57	G5II	3062	64067		Carina	934.09792	1.116
3012		HIP 38159	117.3035!	-46.85771	5.805	B2III	3058	63949	QS Pup	Puppis	1917.646'	-0.142
3013		HIP 3816(	117.3039:	-60.28371	5.771	F4V	3070	64185		Carina	113.9063!	0.428
3014		HIP 38164	117.3095'	-46.37319	4.11	B0III	3055	63922		Puppis	1963.857:	-0.16
3015		HIP 38167	117.3110:	-35.24328	5.936	B9V	3049	63786	V397 Pup	Puppis	478.00745	-0.051
3016	Azmidi	HIP 3817(	117.3235!	-24.85978	3.3	G6Ib	3045	63700	ξ Puppis	Puppis	1347.107-	1.218
3017		HIP 38183	117.3678:	-44.75115	6.313	K0III	3057	63948		Puppis	329.29272	0.962
3018		HIP 38184	117.3700'	-13.35294	6.234	B8/9II	3042	63655		Puppis	1873.565(	-0.078
3019		HIP 3819(	117.3846:	12.81425:	6.41	K0		63475		CanisMinc	510.97258	0.984
3020		HIP 3820(	117.3975(	-33.28895	5.585	M0III	3052	63852		Puppis	690.67689	1.617
3021		HIP 3820(	117.4165(	-14.08535	6.35	K5III		63696		Puppis	939.48017	1.66
3022		HIP 3820!	117.4198:	-19.50551	6.48	K2III		63734		Puppis	416.87917	1.234
3023		HIP 3821(	117.4207!	-66.19597	5.762	B9V	3081	64484	19 G. Vol	Volans	457.8639(	-0.04
3024		HIP 38211	117.4216'	-17.22840	5.162	K3III	3044	63697	6 Pup	Puppis	253.30241	1.282
3025		HIP 3824(	117.5236:	-19.52354	6.091	K1III	3051	63822		Puppis	1873.565(	1.265
3026		HIP 38253	117.5440(	-9.183441	5.598	K2III	3047	63752		Monocerc	1405.1713	1.446
3027		HIP 38267	117.5992(	-50.50946	5.907	K2III	3071	64225		Puppis	258.9357(	1.088
3028		HIP 38292	117.6771'	-44.57994	6.457	G6III	3069	64181		Puppis	561.10162	0.899
3029		HIP 3830(	117.6974!	3.2772521	6.19	K0/1III	3050	63799		CanisMinc	384.43563	1.106
3030		HIP 38303	117.7129:	4.4595151	6.5	G8III/IV		63798		CanisMinc	386.71437	0.944

3031	HIP 38306	117.7225	0.079556	6.37	K2/3III		63838		CanisMinc	413.70718	1.237		
3032	HIP 38307	117.7301	-11.12859	6.158	K0/1III	3054	63894		Monocerc	411.09592	1.128		
3033	HIP 38316	117.7503	-24.52855	6.48	B9.5V	3060	64042		Puppis	504.64492	-0.003		
3034	HIP 38319	117.7598	33.23365	6.041	A2m	3040	63589		Gemini	207.77584	0.15		
3035	HIP 38325	117.7737	54.12924	6.02	F6V	3028	63332		Lynx	97.83915(	0.496		
3036	HIP 38349	117.8139	37.08208	6.5	K2		63588		Lynx	393.24415	1.51		
3037	HIP 38355	117.8347	-43.09523	6.33	B2/3V	3074	64287		Puppis	1582.5251	-0.173		
3038	HIP 38370	117.9181	-42.88820	6.032	B2III	3078	64365	QU Pup	Puppis	1762.1643	-0.181		
3039	HIP 38372	117.9203	-12.81940	6.361	F3IV	3063	64077	8 Pup	Puppis	243.8295(	0.384		
3040	HIP 38373	117.9249	1.766868	5.16	B8II	3059	63975	ζ Canis M	CanisMinc	420.1033(	-0.116		
3041	HIP 38375	117.9292	-21.17366	5.607	G9III	3068	64152		Puppis	273.94963	0.956		
3042	HIP 38382	117.9428	-13.89795	6.49	~	3064	64096	* 9 Pup B	Puppis	54.35139(	0.6		
3043	HIP 38382	117.9429	-13.89800	5.61	~	3064	64096A	* 9 Pup A	Puppis	54.35139(	0.6		
3044	HIP 38394	117.9865	19.32508	6.032	K1III:	3053	63889		Gemini	415.28828	1.125		
3045	HIP 38403	118.0161(	45.93298	6.5	A3		63630		Lynx	339.58453	0.213		
3046	HIP 38406	118.0299	3.277343	6.39	M4/5III	3061	64052	BC CMi	CanisMinc	419.56214	1.464	6.14	6.42
3047		118.046	-38.537	5.8	Open Cluster			NGC 2477	Puppis				
3048	HIP 38414	118.0542	-40.57578	3.696	K1/2II+A	3080	64440		Puppis	344.6082(	1.012		
3049	HIP 38423	118.0652(	-34.70543	5.12	F5V	3079	64379A	* 212 Pup	Puppis	58.759891	0.47		
3050	HIP 38427	118.0786(	-14.84617	5.689	F1Ia	3073	64238	10 Pup	Puppis	1185.4537	0.368		
3051	HIP 38438	118.1239	-54.36716	5.68	B2IV	3088	64722	V372 Car	Carina	1461.8823	-0.151	5.69	5.717
3052	HIP 38449	118.1517	55.20943	6.37	A0Vn	3039	63586		Lynx	439.94693	-0.003		
3053	HIP 38455	118.1610	-38.86281	4.474	B2V	3084	64503	QZ Pup	Puppis	640.47287	-0.188	4.47	4.54
3054	HIP 38474	118.1994(	-5.428136	5.765	F5IV	3072	64235		Monocerc	133.33339	0.412		
3055	HIP 38497	118.2646	-36.36376	5.418	K1IIICNII	3085	64572		Puppis	756.38221	1.161		
3056	HIP 38500	118.2651	-49.61304	4.63	B2V	3089	64740		Puppis	719.64852	-0.228		
3057	HIP 38518	118.3256	-48.10293	4.24	B0.5Ib	3090	64760		Puppis	1940.4765	-0.13		
3058	HIP 38538	118.3742(	26.76578	4.963	A5IV	3067	64145	ϕ Gemino	Gemini	254.29019	0.098		
3059	HIP 38593	118.5458	-35.87728	5.463	B2V	3091	64802		Puppis	800.98229	-0.175		
3060	HIP 38623	118.6219	47.38597	6.253	K2III:	3065	64106	25 Lyn	Lynx	615.09375	1.133		

3061	HIP 38635	118.6663	-34.84671	6.12	K4III	3092	64876		Puppis	677.7542	1.54		
3062	HIP 38639	118.6779	47.56459	5.446	K4III	3066	64144	26 Lyn	Lynx	507.7875	1.462		
3063	HIP 38656	118.7221	-57.30280	5.613	K3/4III	3105	65273		Carina	343.1575	1.298		
3064	HIP 38667	118.7517	-52.58332	6.356	B8III	3100	65189		Carina	1003.076	-0.007		
3065	HIP 38686	118.8077	-30.91764	6.43	K4III	3096	64974		Puppis	1293.649	1.474		
3066	HIP 38712	118.8809	8.862839	5.8	F3V	3087	64685		CanisMin	124.3801	0.369		
3067	HIP 38722	118.9162	19.88396	5.365	A0Vs	3086	64648	85 Gem	Gemini	339.2291	-0.035		
3068	HIP 38723	118.9201	35.41268	6.221	A3p	3083	64491		Lynx	196.9790	0.277	6.23	6.26
3069	HIP 38783	119.0777	-60.52643	5.717	K3+IIIa	3120	65662		Carina	1244.273	1.554		
3070	HIP 38792	119.0946	-30.28457	6.4	M5/6III	3099	65183	PX Pup	Puppis	1220.974	1.476	6.25	6.67
3071	HIP 38794	119.0996	4.485563	6.162	G8/K0III	3093	64938		CanisMin	844.5587	0.957		
3072	HIP 38827	119.1946	-52.98234	3.431	B3IV	3117	65575	χ Carinae	Carina	386.7143	-0.177	3.46	3.475
3073	HIP 38834	119.2122	-59.12576	6.25	M1II	3126	65750		Carina	967.3597	2.025	6.2	7.1
3074	HIP 38835	119.2147	-22.88011	4.184	F7II	3102	65228	11 Pup	Puppis	502.3107	0.718		
3075	HIP 38846	119.2408	-43.50040	5.346	B3IV/V	3114	65460		Puppis	1120.276	-0.166		
3076	HIP 38845	119.2409	-42.40647	6.075	K3III	3111	65442		Puppis	702.5856	1.361		
3077	HIP 38848	119.2477	15.79027	5.78	K3-III	3095	64960	1 Cnc	Cancer	461.7563	1.285		
3078	HIP 38863	119.3031	-63.29683	6.124	B8V	3139	65908		Carina	463.7286	-0.103		
3079	HIP 38868	119.3161	8.641217	6.023	K0III	3097	65066		CanisMin	294.2239	1		
3080	HIP 38872	119.3267	-44.10985	5.064	B2III/IV	3116	65551	N Pup	Puppis	1283.465	-0.166		
3081	HIP 38879	119.3335	-47.89074	6.215	B5V	3118	65598		Puppis	1009.289	-0.099		
3082	HIP 38901	119.4171	-30.33457	4.79	A7III	3113	65456	χ Pup	Puppis	1442.478	0.151		
3083	HIP 38908	119.4454	-60.30307	5.6	F9.5V	3138	65907		Carina	52.78496	0.573		
3084	HIP 38917	119.4654	-45.57766	5.123	K2III	3121	65685	O Pup	Puppis	299.9080	1.263		
3085	HIP 38925	119.4783	-40.78435	6.46	K0III		65638		Puppis	572.9354	0.979		
3086	HIP 38945	119.5245	7.213527	6.42	A0V	3103	65241	BU CMi	CanisMin	842.3777	-0.031		
3087	HIP 38957	119.5601	-49.24491	4.41	B1Vp+B2:	3129	65818	V Pup	Puppis	1164.286	-0.18	4.35	4.92
3088	HIP 38959	119.5690	43.97737	6.36	K0	3094	64958		Lynx	517.4599	1.043		
3089	HIP 38963	119.5892	-51.44847	6.432	A8/9IV	3133	65867		Carina	518.2847	0.26		
3090	HIP 38975	119.6311	16.51868	6.002	K0	3104	65257		Cancer	1399.143	1.468		

3091		HIP 38994	119.7106	-60.82446	5.81	B3Vn	3147	66194		Carina	1028.390	-0.082	5.72	5.84
3092		HIP 39014	119.7575	-45.21583	5.963	B3V	3137	65904		Puppis	1075.907	-0.143		
3093		HIP 39023	119.7738	-23.31039	5.11	G9IIa	3123	65699	12 Pup	Puppis	785.5429	1.111		
3094		HIP 39035	119.8012	-49.97684	6.25	B2/3	3142	66005		Puppis	1283.465	-0.151		
3095		HIP 39038	119.8065	-49.97377	6.26	B2/3	3143	66006		Puppis	838.0452	-0.089		
3096		HIP 39041	119.8156	-73.24417	6.327	A3III	3171	66920	20 G. Vol	Volans	409.0356	0.128		
3097		HIP 39061	119.8682	-39.29691	5.224	F3V	3140	65925		Puppis	188.6575	0.4		
3098		HIP 39067	119.8960	13.24216	6.07	K2	3115	65522		Cancer	301.0157	1.325		
3099		HIP 3907(	119.9064	-60.58706	5.18	M1.5IIb	3153	66342		Carina	1044.872	1.758	5.15	5.3
3100		HIP 39073	119.9170	-60.20735	6.294	B5III	3152	66341		Carina	1364.017	-0.05		
3101		HIP 39079	119.9339	-3.679585	4.934	K1III	3122	65695	27 Mon	Monocerc	249.6173	1.205		
3102		HIP 39094	119.9640	36.08207	6.5	K5		65392		Lynx	812.9693	1.561		
3103		HIP 39095	119.9668	-18.39921	4.61	A1V	3131	65810		Puppis	238.1300	0.087		
3104		HIP 39117	120.0489	73.91791	5.347	K3III	3075	64307		Camelopa	699.5701	1.424		
3105		HIP 39122	120.0612	-48.98151	5.996	A2III/IV	3148	66210		Puppis	376.8789	0.042		
3106		HIP 39138	120.0831	-63.56745	4.806	B4V	3159	66591		Carina	541.5285	-0.173		
3107		HIP 39153	120.1206	-48.87176	6.107	B9Ib	3151	66255	PY Pup	Puppis	1509.259	-0.085	6.12	6.16
3108		HIP 39177	120.1971	17.30870	5.588	K3III	3128	65759	3 Cnc	Cancer	721.2393	1.317		
3109		HIP 3918(	120.2004	19.81621	6.29	K1III	3125	65735		Cancer	344.9733	1.109		
3110	Tegmine	HIP 40167	120.2035	17.64777	4.67	G0V	3210	68255	ζ 2 Cancri	Cancer	83.35464	0.531		
3111		HIP 39184	120.2080	-54.15127	5.846	B5Vn	3156	66441		Carina	699.5701	-0.134		
3112		HIP 39191	120.2328	25.39283	5.853	G8III	3124	65714	ω 1 Cancr	Cancer	1124.139	1.021		
3113		HIP 39194	120.2532	23.58308	6.31	G9III	3127	65757		Cancer	275.5708	1.16		
3114		HIP 39198	120.2641	-6.419211	6.45	G8IV		65938		Monocerc	217.1887	0.838		
3115		HIP 39211	120.3055	-1.392606	4.68	K4III	3141	65953	28 Mon	Monocerc	472.4654	1.475	4.68	4.7
3116		HIP 39213	120.3079	4.879867	5.64	A1V	3136	65900		CanisMinc	346.0719	0.013		
3117		HIP 39221	120.3365	59.04740	5.772	F2:V:	3106	65301		Lynx	142.1099	0.421		
3118		HIP 39225	120.3460	-54.51552	6.111	B2IV	3157	66546	V461 Car	Carina	1319.837	-0.044		
3119		HIP 39236	120.3762	16.45531	5.99	B9.5Vn	3134	65873	5 Cnc	Cancer	471.7808	-0.024		
3120		HIP 39238	120.3815	-55.45465	6.265	B4V	3161	66607		Carina	668.0329	-0.146		

3121		HIP 39251	120.4063	-37.28372	5.893	A3IV	3154	66358		Puppis	594.8915	0.147		
3122		HIP 39261	120.4268	60.32439(	6.008	A3VpSrSiC	3109	65339	53 Cam	Camelopa	320.8662	0.158	5.95	6.08
3123		HIP 39263	120.4323	25.08946	6.297	A1V	3132	65856	ω 2 Cancr	Cancer	598.1645	0.023		
3124		HIP 39271	120.4613	8.913991	6.209	G0IV	3144	66011		CanisMinc	194.3948	0.57		
3125		HIP 39279	120.4799	35.41306	6.324	K0	3130	65801		Lynx	657.2586	1.564		
3126		HIP 39299	120.5255	-37.05004	6.335	M3III	3155	66435		Puppis	823.2317	1.599		
3127		HIP 39311	120.5664	2.334571	4.38	K2IIIbFe-0	3145	66141		CanisMinc	261.1208	1.25		
3128		HIP 39326	120.6082	-6.337136	6.325	F8/G0IV	3150	66242		Monocerc	355.1184	0.615		
3129		HIP 39340	120.6283	63.09033	6.07	G1III	3112	65448		Camelopa	522.4347	0.58		
3130		HIP 39348	120.6490	57.27362	6.49	F9IV+G5IV	3119	65626	54 Cam	Lynx	331.3008	0.649	6.49	6.55
3131		HIP 39360	120.6865	-41.30982	5.497	B9pSi	3162	66624	V336 Pup	Puppis	485.8412	-0.152	5.52	5.542
3132	Alsephina	HIP 42913	120.7450	-54.70881	1.93	A1V	3485	74956	δ Velorum	Vela	79.70670	0.043	1.96	2.36
3133		HIP 39380	120.7673	-32.46354	5.808	K2/3III	3160	66598		Puppis	518.2847	1.225		
3134		HIP 39420	120.8733	-42.94832	6.271	G8II	3166	66812		Puppis	779.9031	1.008		
3135	Copernicu	HIP 43587	120.8766	28.33082(	5.96	G8 V	3522	75732	ρ 1 Cancri	Cancer	40.86740	0.869		
3136		HIP 39424	120.8795	27.79435(	4.937	K1-IIIb	3149	66216	χ Gemino	Gemini	257.5039(	1.13		
3137	Naos	HIP 39429	120.8960	-40.00314	2.25	O4I(n)fp	3165	66811	ζ Puppis	Puppis	1092.100	-0.269		
3138		HIP 39487	121.0674	-32.67483	5.12	M1Iab-Ib	3170	66888	MZ Pup	Puppis	2345.323(	1.882	5.2	5.44
3139		HIP 39514	121.1359	-25.69973	6.4	K5/M0III		66885		Puppis	823.2317	1.461		
3140		HIP 39524	121.1725	-19.72815	6.105	B3III	3168	66834	14 Pup	Puppis	1574.880	-0.154		
3141		HIP 39527	121.1766	-50.59039	5.943	G5II	3178	67249		Vela	1358.334	1.213		
3142		HIP 39530	121.1788	-62.83634	6.241	B2Vn	3186	67536	V375 Car	Carina	1249.043	-0.093	6.29	6.33
3143		HIP 39535	121.1887	18.84201	6.21	B9V	3158	66552		Cancer	298.5349	-0.042		
3144		HIP 39538	121.1960	79.47961	5.387	B9.5IVs	3082	64486		Camelopa	329.9610	-0.04		
3145			121.246	-28.122	6.5	Open Cluster			NGC 2527	Puppis				
3146		HIP 39566	121.2654	-53.10792	5.509	K3/4III	3180	67364		Carina	393.2441	1.347		
3147		HIP 39567	121.2687	13.11821	5.136	A1V	3163	66664	8 Cnc	Cancer	210.4585	0.018		
3148		HIP 39584	121.3345	-46.97841	6.159	B3III	3179	67341	MX Vel	Vela	1928.994	-0.138		
3149		HIP 39607	121.4043	27.52973	6.21	B9.5Vp_lB	3164	66684		Cancer	934.0979	0.01		
3150		HIP 39617	121.4370	-33.56943	6.141	G1Ib	3177	67243		Puppis	3395.845	1.098		

3151		HIP 39625	121.4568	-0.573303	6.399	K0III	3172	66950		Monocerc	711.7919	1.058		
3152		HIP 39659	121.5766	22.63548	5.99	M3III	3169	66875	μ 1 Cancri	Cancer	625.7213	1.652	5.97	6.04
3153		HIP 39675	121.6142	-9.244458	6.226	B9III	3174	67159		Monocerc	793.1876	-0.006		
3154		HIP 39690	121.6680	-45.26601	5.021	K3III	3187	67582		Vela	1239.543	1.488		
3155		HIP 39691	121.6733	-48.49738	6.317	B2IV		67621		Vela	1369.748	-0.172		
3156		HIP 39722	121.7914	43.26035	6.35	A1V	3167	66824	28 Lyn	Lynx	472.4654	-0.02		
3157		HIP 39730	121.8166	-17.36874	6.5	K1III		67408		Puppis	636.7206	1.246		
3158		HIP 39734	121.8251	-20.55434	5.338	A3Ib/II	3183	67456		Puppis	1220.974	0.1		
3159	Tureis	HIP 39757	121.8860	-24.30432	2.81	F5IIkF2IIm	3185	67523	ρ Puppis	Puppis	62.70449	0.458	2.68	2.87
3160		HIP 39780	121.9410	21.58181	5.3	G1IVb	3176	67228	μ 2 Cancri	Cancer	76.06169	0.642		
3161		HIP 39794	121.9824	-68.61706	4.398	B5III	3223	68520	ϵ Volantis	Volans	641.7312	-0.113		
3162		HIP 39843	122.1026	-63.80082	6.314	B6V	3217	68423		Carina	781.7743	-0.058		
3163		HIP 39847	122.1143	51.50666	4.797	A2V	3173	67006	27 Lyn	Lynx	217.9144	0.048		
3164		HIP 39863	122.1485	-2.983787	4.33	G2Ib	3188	67594	ζ Monoce	Monocerc	1852.273	0.97		
3165		HIP 39866	122.1568	-37.68122	6.339	B3V	3195	67888	PQ Pup	Puppis	1771.738	-0.054	6.17	6.42
3166		HIP 39874	122.1768	13.64091	6.242	F3V	3184	67483	12 Cnc	Cancer	278.1569	0.48		
3167		HIP 39876	122.1815	-20.36317	6.365	A3III	3190	67751		Puppis	1448.887	0.141		
3168		HIP 39898	122.2368	-11.33965	6.305	B8V	3189	67725		Monocerc	729.3079	0.011		
3169		HIP 39903	122.2526	-61.30237	4.742	F6VFe-0.8	3220	68456		Carina	69.73273	0.437		
3170		HIP 39906	122.2568	-19.24503	4.393	B5V	3192	67797	16 Pup	Puppis	472.4654	-0.16		
3171		HIP 39919	122.2896	-48.68441	5.654	B8III	3203	68161	NN Vel	Vela	869.3347	-0.101		
3172		HIP 39920	122.2924	-35.45501	6.209	G8III	3199	67977		Puppis	389.4853	0.892		
3173		HIP 39938	122.3460	42.43060	6.255	K3III:	3181	67370		Lynx	612.7824	1.263		
3174		HIP 39943	122.3688	-16.24891	5.65	B3/5V	3194	67880		Puppis	920.9046	-0.153		
3175			122.3721	-47.34528	4.173	B2III	3206	68243	* gam01 \	Vela				
3176		HIP 39953	122.3831	-47.33658	1.83	WC8+O7.5	3207	68273	γ 2 Veloru	Vela	1137.740	-0.145	1.81	1.87
3177		HIP 39957	122.3901	-56.08535	5.648	A3mA5-A9	3218	68434		Carina	379.9531	0.204		
3178		HIP 39958	122.3965	29.09307	6.465	G0II		67542		Cancer	3927.714	0.804		
3179		HIP 39961	122.3996	-44.12276	5.183	B2IV	3204	68217		Vela	1135.888	-0.173		
3180		HIP 39970	122.4298	-47.93719	5.217	B2V	3213	68324	IS Vel	Vela	920.9046	-0.199		

3181		HIP 39995	122.5157	58.24824	5.89	K4III:	3175	67224		Lynx	560.1366	1.365	
3182		HIP 40007	122.5546	25.84447	6.413	K0		67690	ψ1 Cnc	Cancer	1031.646	1.42	
3183		HIP 40016	122.5857	-49.23735	6.447	B3III/IV		68478		Vela	1630.000	-0.14	
3184			122.658	-12.834	6.5	Open Cluster			NGC 2539	Puppis			
3185		HIP 40035	122.6659	-13.7992	5.54	F6.5V	3202	68146	18 Pup	Puppis	73.30797	0.488	
3186		HIP 40058	122.7453	14.62947	6.207	A1V	3198	67959		Cancer	581.1049	0.01	
3187		HIP 40063	122.7570	-37.29237	6.44	O9.7II	3219	68450		Puppis	2451.129	-0.045	
3188		HIP 40077	122.7949	-48.46199	5.806	B3/4V	3227	68657		Vela	727.6779	-0.146	
3189		HIP 40084	122.8179	-12.92699	4.72	G8.5IIIb	3211	68290	19 Pup	Puppis	184.8071	0.939	
3190		HIP 40085	122.8191	9.821235	6.072	B6III	3201	68099		Cancer	871.6591	-0.104	
3191		HIP 40086	122.8253	54.54024	6.48	G5		67539		Lynx	555.3672	0.94	
3192		HIP 40091	122.8395	-39.61854	4.42	K4.5Ib	3225	68553	NS Pup	Puppis	1873.565	1.59	4.4 4.5
3193		HIP 40096	122.8578	-42.98727	4.75	A5Ib	3226	68601		Puppis	4657.139	0.164	
3194		HIP 40107	122.8875	-7.772539	5.354	G7III-IIIb	3212	68312	1 G. Hya	Hydra	315.8915	0.892	
3195		HIP 40155	122.9998	-46.64434	5.76	F7Ib/II	3232	68808	AH Vel	Vela	1461.882	0.626	5.5 5.89
3196		HIP 40160	123.0252	-43.40043	6.47	K3(III)		68763		Vela	6791.658	1.704	
3197		HIP 40167	123.0530	17.64764	5.31	~	3208	68257	zet01 Cnc	Cancer		0.45	
3198		HIP 40167	123.0533	17.64781	6.17	~	3209	68255		Cancer			
3199		HIP 40167	123.0549	17.64849	5.79	G0IV-V	3210	68256		Cancer			
3200			123.082	-37.661	6.3	Open Cluster			NGC 2546	Puppis			
3201			123.1282	-46.26427	6.24	~	3234	68895A		Vela	705.6272	-0.113	
3202		HIP 40215	123.2032	68.47407	5.329	G7IIb	3182	67447	55 Cam	UrsaMajo	1061.889	1.037	
3203		HIP 40220	123.2148	-37.92447	6.39	A3V	3233	68862		Puppis	561.1016	0.108	
3204		HIP 40231	123.2488	16.51432	6.047	G8III	3222	68461		Cancer	527.5073	0.89	
3205		HIP 40240	123.2869	29.65653	5.605	B8VpSi	3215	68351	15 Cnc	Cancer	871.6591	-0.073	5.53 5.65
3206		HIP 40259	123.3331	-15.7882	4.99	G4Ib-II	3229	68752	20 Pup	Puppis	1230.187	1.066	
3207		HIP 40263	123.3407	-1.16588	6.47	G8III		68667	3 G. Hya	Hydra	519.1095	0.918	
3208		HIP 40274	123.3729	-35.8995	4.77	B1V	3237	68980	MX Pup	Puppis	978.9783	-0.11	4.6 4.92
3209		HIP 40282	123.3926	-50.1960	5.514	M1III	3247	69194		Vela	752.8874	1.651	
3210		HIP 40285	123.4006	-46.9916	5.127	B3III	3244	69144	NO Vel	Vela	970.2382	-0.139	

3211		HIP 40291	123.4211	-33.56952	6.377	K2III	3238	69002		Puppis	376.8789	1.141		
3212		HIP 40299	123.4402	-46.57868	6.476	B2V		69168		Vela	1009.289	-0.159		
3213		HIP 40305	123.4591	56.45225	5.85	G9III	3200	68077		Lynx	494.6888	1.016		
3214		HIP 40321	123.4929	-36.32227	5.064	B2(V)	3240	69081	OS Pup	Puppis	1176.896	-0.184	5.07	5.2
3215		HIP 40324	123.4945	-36.34077	6.014	B2IV-V	3241	69082		Puppis	1481.817	-0.185		
3216		HIP 40326	123.5122	-40.34786	4.44	K1II/III	3243	69142		Puppis	310.4763	1.17		
3217		HIP 40341	123.5459	-32.14071	6.06	B2V	3239	69080		Puppis	1574.880	-0.159		
3218		HIP 40342	123.5464	17.67595	6.47	F1IV	3228	68703		Cancer	328.9601	0.331		
3219		HIP 40344	123.5552	-35.49001	5.765	K1III	3242	69123		Puppis	226.7037	1.024		
3220		HIP 40354	123.5874	13.04829	6.35	G8III	3231	68776		Cancer	776.1899	1.034		
3221		HIP 40357	123.5994	-45.83451	5.836	B2IV	3250	69302		Vela	903.0464	-0.176		
3222		HIP 40397	123.7134	-46.48589	6.437	B2Vnn		69404		Vela	1330.611	-0.149		
3223		HIP 40429	123.8163	-62.91564	5.259	A2V	3260	69863		Carina	242.0192	0.086		
3224		HIP 40433	123.8468	-50.44922	6.418	K3/4III	3256	69596		Vela	734.2337	1.52		
3225		HIP 40474	123.9604	60.38060	6.48	A7Vm	3221	68457	56 Cam	UrsaMajo	499.2333	0.21		
3226			123.9689	-30.92594	6.41	~	3251	69445A		Puppis	349.0352	0.777		
3227		HIP 40485	123.9950	-35.90319	6.132	K2III	3253	69511		Puppis	1895.348	1.549		
3228	Tarf	HIP 40526	124.1288	9.185543	3.52	K4IIIBa0.5	3249	69267	β Cancri	Cancer	290.2939	1.481		
3229		HIP 40559	124.2246	84.05764	6.46	A3IV	3108	65299		Camelopa	567.9443	0.052		
3230		HIP 40604	124.3463	-16.28511	6.308	A1V	3257	69665	21 Pup	Puppis	857.8953	0.057		
3231		HIP 40617	124.3818	8.866305	6.257	G8III	3252	69478		Cancer	1061.889	0.98		
3232		HIP 40646	124.4600	59.57113	5.63	A7IV	3235	68930	29 Lyn	Lynx	303.8210	0.182		
3233		HIP 40655	124.4822	-59.16682	6.453	F5V	3274	70267		Carina	253.8941	0.397		
3234		HIP 40656	124.4928	-30.00369	6.422	K0III	3261	69879		Puppis	466.3822	1.04		
3235		HIP 40675	124.5601	15.67791	6.41	K0		69629		Cancer	485.1207	1.018		
3236		HIP 40677	124.5657	54.14369	6.243	K5	3246	69149		Lynx	1065.358	1.558		
3237		HIP 40678	124.5724	-35.45170	5.578	K2III	3266	70002		Puppis	412.6574	1.246		
3238		HIP 40680	124.5783	-65.61319	5.056	K1III	3280	70514	24 G. Vol	Volans	296.0945	1.129		
3239		HIP 40693	124.5997	-12.63217	5.95	G8:V	3259	69830		Puppis	41.03048	0.76		
3240		HIP 40702	124.6314	-76.91972	4.047	F5VFe-0.8	3318	71243	α Chamae	Chamaele	63.42430	0.413		

3241		HIP 40706	124.6388(	-36.65928	4.4	A8V	3270	70060		Puppis	92.98338	0.222		
3242		HIP 40749	124.7732(	-48.19785	6.44	B3III		70309		Vela	823.2318(	-0.131		
3243		HIP 40766	124.8128	-10.16575	6.3	F2IV	3265	69997	HQ Hya	Hydra	352.8136	0.329	6.29	6.33
3244		HIP 40772	124.8215(	62.50715(	5.723	G8III	3245	69148	57 Cam	UrsaMajo	470.4181(	0.891		
3245		HIP 40787	124.8729(	-34.59013	6.437	B8Ib/II	3273	70235		Puppis	815.0002	-0.079		
3246		HIP 40793	124.8845	75.75690	5.541	G8III	3216	68375		Camelopa	291.5921(	0.902		
3247		HIP 40817	124.9540	-71.51490	5.318	B9III/IV	3301	71046	κ 1 Volant	Volans	390.4177	-0.063		
3248		HIP 40818	124.9577(	3.948028	6.05	G8IV	3269	70013	6 G. Hya	Hydra	579.0414(	0.964		
3249		HIP 40834	125.0021	-71.50537	5.608	B9/A0IV	3302	71066	κ 2 Volant	Volans	395.1512(	-0.099		
3250		HIP 40858	125.0541(	-0.909313	6.177	G0V	3271	70110	8 G. Hya	Hydra	133.0611	0.607		
3251		HIP 40859	125.0709(	-5.329954	6.094	K4III	3272	70148	9 G. Hya	Hydra	515.8234(	1.329		
3252		HIP 40866	125.0873	20.74772	5.798	K1III	3264	69994		Cancer	510.1738	1.137		
3253		HIP 40875	125.1085	57.74327	5.877	F4V	3254	69548	30 Lyn	Lynx	103.2624	0.421		
3254		HIP 40876	125.1139	-22.92467	6.12	G8/K0III	3276	70302		Puppis	711.7919	1.039		
3255	Piautos	HIP 40881	125.1339(	24.02231	5.93	B9.5V	3268	70011	λ Cancri	Cancer	419.0242	-0.039		
3256		HIP 40888	125.1605	-77.48447	4.337	K2IIIbCN0	3340	71701	θ Chamae	Chamaele	153.6288(	1.161		
3257		HIP 40889	125.1680(	72.40723	5.98	M0III	3236	68951		UrsaMajo	947.6758	1.537		
3258		HIP 40926	125.2818	-64.10600	6.108	G6/8III	3298	70982		Carina	464.3871	0.93		
3259		HIP 40932	125.3004	-57.97322	5.954	B2III	3293	70839		Carina	2379.5628	-0.092		
3260		HIP 40943	125.3376	-36.48417	5.176	B2IV/V	3283	70556		Puppis	1630.000	-0.187		
3261		HIP 40944	125.3384	-20.07906	5.572	G8III	3279	70442		Puppis	449.6552	0.771		
3262		HIP 40945	125.3459	-33.05436	4.8	K2+IIIa	3282	70555		Puppis	838.0452	1.419		
3263		HIP 40947	125.3507	-39.62071	6.143	A4V	3286	70612		Puppis	218.9390	0.172		
3264		HIP 40990	125.4775	-17.58633	5.711	K0III	3281	70523		Puppis	285.9650	1.05		
3265		HIP 41003	125.5185	-73.39997	5.279	A0/1IV/V	3334	71576	η Volantis	Volans	355.8943	0.014		
3266		HIP 41011	125.5401(	74.82040	6.384	K0III		69054		Camelopa	465.7139	1.022		
3267		HIP 41036	125.6256	-6.179156	6.14	A8III	3285	70574	13 G. Hya	Hydra	212.2397	0.227		
3268	Avior	HIP 41037	125.6284	-59.50948	2.01	K3:III	3307	71129	* eps Car	Carina	610.0002			
3269		HIP 41037	125.6284	-59.50948	1.86	K3:III+B2:	3307	71129	ϵ Carinae	Carina	610.0002	1.196		
3270		HIP 41037	125.6286	-59.50955	3.85	B2Vp	3307	71130	* eps Car	Carina	610.0002			

3271		HIP 41039	125.63205	-48.49038	5.17	~	3294	70930A	* B Vel A	Vela	1509.2599	-0.146		
3272		HIP 41039	125.63205	-48.49037	4.82	B2III	3294	70930		Vela	1509.2599	-0.146		
3273		HIP 41039	125.63226	-48.49054	6.1	~	3294	70930	* B Vel B	Vela	1509.2599	-0.146		
3274		HIP 41060	125.68362	60.63123	6.39	K0III	3263	69976		UrsaMajo	444.14255	0.969		
3275		HIP 41067	125.69515	-13.05479	6.109	K0III	3289	70673	22 Pup	Puppis	411.09592	0.997		
3276		HIP 41074	125.70806	-26.34822	5.883	F2Iab	3291	70761		Puppis	9069.9804	0.379		
3277	Alsciaukat	HIP 41075	125.70878	43.18813	4.25	K4+III	3275	70272		Lynx	388.55953	1.55	4.21	4.27
3278		HIP 41080	125.72539	-7.543121	5.918	M2III	3288	70652	14 G. Hya	Hydra	831.63282	1.635		
3279		HIP 41081	125.72982	-52.12372	5.887	A0V	3300	71043		Vela	238.30413	0.018		
3280		HIP 41107	125.82055	-38.28607	6.32	M3+III	3296	70946	V436 Pup	Puppis	1399.1436	1.613		
3281		HIP 41117	125.84101	18.33216	5.94	A9V	3284	70569	20 Cnc	Cancer	394.67204	0.175		
3282		HIP 41152	125.95208	53.21971	5.54	A3Va	3277	70313		Lynx	167.52330	0.125		
3283		HIP 41163	125.98003	10.63206	6.08	M2III	3290	70734	21 Cnc	Cancer	1112.6286	1.507		
3284		HIP 41191	126.08286	-80.91422	5.69	G8III	3393	72922		Chamaele	252.12686	1.018		
3285		HIP 41208	126.13749	82.43075	6.28	A2Vn	3197	67934		Camelopa	679.16582	0.035		
3286		HIP 41211	126.14589	-3.751242	5.61	F6V	3297	70958	1 Hya	Hydra	88.707566	0.478		
3287		HIP 41214	126.15181	-4.716999	6.022	F5V	3295	70937	16 G. Hya	Hydra	210.86698	0.46		
3288		HIP 41224	126.17823	42.00523	6.001	K5III	3287	70647		Lynx	1044.8727	1.591		
3289		HIP 41242	126.22991	-23.15374	5.669	A1III/IV	3308	71141		Puppis	630.56247	0.066		
3290		HIP 41250	126.23836	-42.76983	6.02	B3V	3322	71302	V438 Pup	Puppis	3104.7631	-0.159		
3291		HIP 41260	126.26559	-24.04621	5.301	K4.5IIICN(	3315	71176		Puppis	506.21298	1.476		
3292		HIP 41262	126.27036	35.01140	6.059	K0	3292	70771		Lynx	713.34693	1.261		
3293		HIP 41282	126.32917	-21.04595	5.987	F2V	3316	71196		Puppis	110.65845	0.402		
3294		HIP 41296	126.38052	-51.72741	5.17	B3IV	3330	71510		Vela	673.55536	-0.164		
3295		HIP 41299	126.39806	2.102218	5.708	K4III	3305	71095	17 G. Hya	Hydra	601.47673	1.528		
3296		HIP 41306	126.41406	-17.43940	6.417	K1III	3317	71231		Puppis	698.07383	1.234		
3297		HIP 41307	126.41513	-3.906427	3.9	A0Va	3314	71155	30 Mon	Hydra	124.95225	-0.012		
3298		HIP 41312	126.43414	-66.13688	3.759	K2III	3347	71878	β Volantis	Volans	107.91125	1.132		
3299		HIP 41321	126.46498	-64.60061	5.94	G8/K0III	3346	71863	28 G. Vol	Volans	357.84707	0.971		
3300		HIP 41323	126.46629	-42.15307	5.42	B3/5IV	3326	71459		Puppis	812.96931	-0.142		

3301		HIP 41325	126.47815	7.564504(	5.122	G6III-IIIaF(	3306	71115		Cancer	359.03044	0.934		
3302		HIP 41328	126.48162	-14.92966	5.951	A3(m)A3-/	3320	71267		Puppis	332.99282	0.167		
3303		HIP 41361	126.57387	-39.05896	6.49	B8V	3327	71487	NO Puppi:	Puppis	612.78242	-0.009	6.53	6.98
3304		HIP 41373	126.60502	-52.80749	6.041	A0V	3341	71722		Vela	231.69871	0.062		
3305		HIP 41375	126.61335	-3.987430	5.59	F0VmA6	3321	71297	2 Hya	Hydra	173.12790	0.218	5.8	5.806
3306		HIP 41377	126.61544	27.89358(	5.57	K5III	3304	71093	ϕ 1 Cancri	Cancer	398.04614	1.421		
3307		HIP 41395	126.67480	-12.53460	5.52	K1/2III	3324	71377		Puppis	267.87201	1.167		
3308		HIP 41400	126.68307	12.654609	5.5	M3IIIa	3319	71250	27 Cnc	Cancer	1051.6144	1.608	5.41	5.75
3309		HIP 41404	126.69513	26.934351	6.19	A2Vp	3310	71150	* phi02 Cr	Cancer	276.74019	0.187		
3310		HIP 41404	126.69612	26.935488	6.13	A5IV	3311	71151	* phi02 Cr	Cancer	276.74019	0.187		
3311		HIP 41426	126.74060	-52.70494	6.49	F5V		71805		Vela	176.31162	0.419		
3312		HIP 41449	126.81840	-31.67273	6.331	G8III	3336	71622		Pyxis	684.87409	0.897		
3313		HIP 41451	126.81981	-70.09348	5.507	A0V	3370	72337	30 G. Vol	Volans	285.21457	-0.024		
3314		HIP 41483	126.90244	-53.08847	5.073	A9/F0III/IV	3350	71935	GU Vel	Vela	203.62293	0.256	5.08	5.11
3315		HIP 41515	126.99758	-35.11374	5.73	B2V	3343	71801	XY Pyx	Pyxis	999.99884	-0.151		
3316		HIP 41547	127.08245	-8.816281	6.43	K1III	3338	71665	26 G. Hya	Hydra	848.95972	1.197		
3317		HIP 41564	127.12140	-2.517125	6.41	A3mA5/7-	3337	71663	LO Hya (2!	Hydra	277.91999	0.332	6.37	6.61
3318		HIP 41572	127.15016	-23.07097	6.494	A1/2V	3344	71815		Pyxis	519.10954	0.06		
3319		HIP 41574	127.15327	24.144921	6.05	F0Vn	3329	71496	28 Cnc	Cancer	271.44041	0.246	6.1	6.125
3320		HIP 41578	127.15558	14.210824	5.948	A5V	3333	71555	29 Cnc	Cancer	307.54720	0.201		
3321		HIP 41597	127.21251	-9.748586	5.989	F3/5III	3342	71766	27 G. Hya	Hydra	984.89525	0.427		
3322		HIP 41616	127.26979	-47.92892	5.535	B1.5V	3358	72108A	* 33 Vel A	Vela	1638.1929	-0.14		
3323		HIP 41621	127.28152	-44.16041	5.84	B2/3V	3356	72067		Vela	1598.0395	-0.16		
3324		HIP 41639	127.36451	-44.72481	5.15	B3III/IV	3359	72127		Vela	6936.1741	-0.168		
3325			127.36452	-44.72481	5.19	B2IIIk	3359	72127A		Vela	6936.1741	-0.168		
3326		HIP 41644	127.37417	-54.21173	6.44	ApSi		72303	V469 Car	Carina	719.64852	-0.108		
3327		HIP 41653	127.40162	-55.19091	6.346	G3III	3368	72322		Carina	721.23940	0.799		
3328		HIP 41674	127.44014	-46.33169	5.969	B5III	3363	72232		Vela	629.34323	-0.127		
3329		HIP 41676	127.44248	67.297439	5.884	G8III	3303	71088		UrsaMajo	322.13440	0.972		
3330	Muscida	HIP 41704	127.56612	60.718168	3.42	G5III:	3323	71369	o Ursae M	UrsaMajo	183.55860	0.856		

3331	HIP 41723	127.6192	-32.15928	5.588	K3III	3362	72227		Pyxis	1194.138	1.509		
3332	HIP 41737	127.6634	-44.73731	6.29	B3IV	3371	72350		Vela	2232.879	-0.007		
3333	HIP 41781	127.7942	-47.86661	6.373	B2/3V	3375	72485		Vela	1051.614	-0.147		
3334	HIP 41798	127.8331	37.26494	6.174	A0V	3348	71906		Lynx	789.3473	-0.039		
3335	HIP 41806	127.8529	-39.06410	6.48	~	3373	72436A		Vela	1559.809	-0.133		
3336	HIP 41813	127.8732	-54.39401	6.333	K3III	3382	72650		Vela	490.9627	1.298		
3337	HIP 41816	127.8771	24.08110	5.694	F0IIIn	3355	72041	υ 1 Cancri	Cancer	237.0910	0.327		
3338	HIP 41817	127.8788	-19.57746	5.43	B9.5IV/V	3367	72310		Pyxis	380.8398	-0.061		
3339	HIP 41822	127.8988	18.09441	5.337	K5III	3357	72094	θ Cancri	Cancer	493.9390	1.567		
3340	HIP 41833	127.9220	18.98772	6.45	K0		72115		Cancer	1025.156	1.496		
3341	HIP 41861	128.0206	-53.21191	6.021	A0/1V	3386	72737		Vela	913.1654	0.582		
3342		128.0206	-53.21191	6.03	~	3386	72738A		Vela	913.1654	0.582		
3343	HIP 41893	128.1390	-15.03015	6.38	A7IV/V	3374	72462	29 G. Hya	Hydra	231.2058	0.275		
3344	HIP 41894	128.1393	53.11484	6.226	K0IV	3351	71952		Lynx	195.7959	1.008		
3345	HIP 41904	128.1661	10.06600	6.474	A1V	3372	72359	34 Cnc	Cancer	540.6288	-0.007		
3346	HIP 41905	128.1687	-47.04210	6.481	K2III		72752		Vela	650.6994	1.293		
3347	HIP 41907	128.1740	-73.35678	6.1	G8III	3417	73468	33 G. Vol	Volans	381.2864	0.946		
3348	HIP 41909	128.1770	20.44116	5.325	K3III	3366	72292	η Cancri	Cancer	311.6636	1.252		
3349	HIP 41926	128.2145	-31.50085	6.38	K1V	3384	72673		Pyxis	39.68367	0.78		
3350	HIP 41927	128.2221	69.31990	6.297	K0	3332	71553		UrsaMajo	618.5950	1.36		
3351	HIP 41939	128.2437	-34.63403	6.366	G8III	3385	72688	VX Pyx	Pyxis	426.1440	0.951	6.32	6.42
3352	HIP 41940	128.2504	24.08479	6.34	G9III	3369	72324	υ 2 Cancri	Cancer	420.6444	1.032		
3353	HIP 41941	128.2577	-45.75290	6.354	B3III		72798		Vela	2451.129	-0.119		
3354	HIP 41970	128.3327	-38.37067	6.461	B2/3V	3388	72787		Vela	1364.017	-0.153		
3355	HIP 41975	128.3405	36.43643	6.186	F5Vbwv	3365	72291	32 Lyn	Lynx	121.6417	0.402		
3356	HIP 41986	128.3761	-46.97066	6.221	K3III	3390	72900		Vela	1975.759	1.56		
3357	HIP 42001	128.4101	-38.84881	5.908	B5III	3389	72832		Vela	825.3182	-0.114		
3358	HIP 42008	128.4311	4.756999	5.867	G5III	3378	72561		Hydra	5433.346	1.066		
3359	HIP 42010	128.4376	13.25731	6.247	K0III	3376	72505		Cancer	305.5295	1.179		
3360	HIP 42028	128.5067	-2.151555	5.792	A0V	3383	72660	33 G. Hya	Hydra	326.0001	0.007		

3361	HIP 42049	128.5556(	8.452306(	6.029	F3IV	3380	72617		Cancer	189.31478	0.332		
3362	HIP 42070	128.6218(	-37.61116	6.38	M0III	3399	72993		Vela	987.87816	1.562		
3363	HIP 42071	128.6237(	-27.09816	6.41	K3III		72913		Pyxis	1034.9195	1.429		
3364	HIP 42075	128.6331(	-32.59876	6.42	G5V	3397	72954		Pyxis	204.64527	0.752		
3365	HIP 42080	128.6507(	65.14511(	5.453	kA3hA5m	3354	72037	2 UMa	UrsaMajo	158.02235	0.207		
3366	HIP 42088	128.6816(	-49.94420	5.01	K1.5Ib	3407	73155		Vela	876.34374	1.304		
3367	HIP 42090	128.6828(	36.41962(	5.751	A2Vnn	3377	72524	33 Lyn	Lynx	320.55069	0.051		
3368		128.79	-44.407	5.9	Open Cluster			Cl Pismis 4	Vela				
3369	HIP 42123	128.8022(	-39.97045	6.431	F9.5V	3404	73121		Vela	118.41628	0.578		
3370	HIP 42129	128.8148(	-58.22473	5.234	B4V	3415	73390		Carina	961.65145	-0.133		
3371	HIP 42134	128.8321(	-58.00923	4.847	K0III	3414	73389		Carina	229.41606	0.981		
3372	HIP 42142	128.8539(	2.7434527	6.332	G8III	3392	72908	34 G. Hya	Hydra	550.67614	1.023		
3373	HIP 42146	128.8674(	-7.982293	5.72	A1VpSrCr	3398	72968	3 Hya	Hydra	268.31276	-0.004	5.66	5.76
3374	HIP 42147	128.8695(	-26.84348	5.944	A1V+G/KI	3402	73072		Pyxis	838.04524	0.393		
3375	HIP 42172	128.9624(	6.6202137	5.92	F8V	3395	72945		Cancer	86.518149	0.53		
3376	HIP 42177	128.9667(	-50.96964	5.782	ApSi	3413	73340		Vela	466.38229	-0.132	5.77	5.81
3377	HIP 42187	129.0321(	15.31363(	6.33	F0IV	3394	72943		Cancer	266.55758	0.338		
3378		129.1376(	20.24233	6.176	~			[AKS95] 6(	Cancer				
3379		129.2030(	74.72367(	6.31	~	3352	71973A		Camelopa	273.48997	0.308		
3380	HIP 42249	129.2031(	74.72367(	6.27	A2m	3352	71973		Camelopa	273.48997	0.308		
3381	HIP 42265	129.2740(	9.655578(	5.91	A3V	3406	73143	36 Cnc	Cancer	461.10434	0.083		
3382	HIP 42286	129.3284(	-62.85346	5.456	K0III	3432	73887		Carina	334.70106	1.013		
3383	HIP 42299	129.3632(	-4.934002	6.171	K0III	3411	73281	37 G. Hya	Hydra	390.88718	1.054		
3384	HIP 42302	129.3734(	-33.74568	6.499	F0IV/V	3419	73476		Pyxis	194.16339	0.32		
3385	HIP 42312	129.4109(	-42.98908	4.14	A7Ia	3426	73634		Vela	1436.125(	0.109		
3386	HIP 42313	129.4140(	5.7037877	4.131	A0Vnn	3410	73262	δ Hydrae	Hydra	179.02263	0.003		
3387	HIP 42334	129.4673(	-26.25500	5.27	A0V	3420	73495	η Pyxidis	Pyxis	241.66063	-0.03		
3388		129.5547(	20.44075	5.832	~			[AKS95] 7(	Cancer				
3389	HIP 42365	129.5790(	32.80201(	5.95	K2III:	3409	73192	1 LMi	Cancer	367.11851	1.111		
3390	HIP 42372	129.5924(	53.40154(	5.645	G9III	3400	73017		UrsaMajo	240.59036	0.964		

3391		HIP 42394	129.66787	-19.73689	6.39	M1III	3425	73603		Pyxis	905.5566	1.592		
3392		HIP 42400	129.68669	-53.09038	6.431	B8V	3435	73952		Vela	504.64492	-0.1		
3393	Minchir	HIP 42402	129.68932	3.341435	4.43	K1III	3418	73471	σ Hydrae	Hydra	352.4322	1.216		
3394		HIP 42415	129.74953	52.92507	6.32	K0	3405	73131		UrsaMajo	581.10498	1.319		
3395		HIP 42425	129.77150	-70.38674	5.2	A0V	3460	74405	θ Volantis	Volans	239.00307	0.013		
3396		HIP 42430	129.78291	-22.66189	5.17	G3V+K0V	3430	73752		Pyxis	64.940203	0.72		
3397			129.78293	-22.66185	5.29	K0V	3430	73752B		Pyxis	64.940203	0.72		
3398			129.78309	-22.66160	5.37	G3V	3430	73752A		Pyxis	64.940203	0.72		
3399		HIP 42434	129.79199	59.93910	6.47	A2Vn	3401	73029		UrsaMajo	360.22034	0.035		
3400		HIP 42438	129.79876	65.02090	5.64	G0.5V	3391	72905	π 1 Ursae	UrsaMajo	46.524777	0.618	5.64	5.72
3401		HIP 42440	129.80498	-60.31728	6.48	A0V	3443	74148		Carina	436.99664	-0.002		
3402		HIP 42452	129.82342	52.71162	5.891	K1III	3408	73171		UrsaMajo	397.07792	1.167		
3403		HIP 42455	129.84211	-36.60666	6.114	F3/5V	3434	73900		Pyxis	131.13452	0.426		
3404		HIP 42459	129.84935	-53.43976	5.439	B5V	3440	74071		Vela	450.90054	-0.132	5.46	5.52
3405		HIP 42462	129.85231	8.017601	6.45	K1III	3424	73599		Cancer	550.67614	1.08		
3406		HIP 42483	129.92697	-29.56108	4.872	G6IIIbCN-(	3433	73898	ζ Pyxidis	Pyxis	235.71960	0.9		
3407		HIP 42484	129.92753	73.62967	6.154	G7III	3379	72582		Camelopa	355.11844	1.017		
3408		HIP 42504	129.98995	-53.05472	5.19	B5IV	3442	74146	NZ Vel	Vela	428.38371	-0.147		
3409		HIP 42509	130.00613	-12.47537	4.969	K3III	3431	73840	6 Hya	Hydra	419.02425	1.415		
3410		HIP 42515	130.02559	-35.30835	3.954	G5II/III	3438	74006	β Pyxidis	Pyxis	388.09662	0.936		
3411		HIP 42516	130.02674	20.00778	6.39	G8+III-IIIb	3427	73665	39 Cnc	Cancer	587.38701	0.98		
3412		HIP 42527	130.05340	64.32793	4.61	K1+III	3403	73108	π 2 Ursae	UrsaMajo	252.44512	1.17		
3413		HIP 42535	130.07277	-53.01539	5.61	B9/A0	3448	74196		Vela	471.78085	-0.125		
3414		HIP 42536	130.07333	-52.92190	3.63	B3/5(V)	3447	74195	o Velorum	Vela	494.68888	-0.168	3.55	3.67
3415		HIP 42538	130.07619	31.94189	6.22	F5III	3423	73596	4 LMi	Cancer	350.15998	0.401		
3416		HIP 42540	130.07989	-40.26387	5.22	kB8hA0III(	3439	74067	NY Vel	Vela	280.30957	-0.027		
3417		HIP 42549	130.09202	19.66993	6.39	G9III-IIIb	3428	73710		Cancer	756.38221	1.02		
3418	Meleph	HIP 42556	130.11254	19.54481	6.29	A5m	3429	73731	ϵ Cancri	Cancer	547.89861	0.17		
3419		HIP 42564	130.14691	-45.19110	5.648	M0III	3444	74167		Vela	950.43704	1.664		
3420		HIP 42568	130.15428	-59.76100	4.313	B2III	3457	74375	V343 Car	Carina	1411.2545	-0.117	4.2	4.24

3421		HIP 4257(	130.1565	-46.64874	3.81	F0Ia	3445	74180		Vela	3104.763	0.67		
3422		HIP 42604	130.2544	45.834005	5.359	G8IV	3422	73593	34 Lyn	Lynx	180.0110(	0.993		
3423		HIP 42614	130.2721(	-48.92268	5.879	B2III	3453	74273		Vela	1605.912	-0.186		
3424		HIP 42624	130.3047(	-47.31713	4.77	A5II	3452	74272		Vela	1895.348	0.137		
3425		HIP 42637	130.3313(	-78.96336	5.453	B8V	3502	75416	η Chamae	Chamaele	315.8915	-0.101		
3426		HIP 42662	130.4305(	-15.94338	4.866	K0IIIb	3441	74137	9 Hya	Hydra	204.0050(	1.063		
3427		HIP 42679	130.4871	-45.41071	5.227	B6Iab/b	3456	74371	LN Vel	Vela	2694.214	0.171	5.19	5.25
3428			130.531	-48.09	4.6	Open Cluster			IC 2395	Vela				
3429		HIP 42701	130.5408	-11.96600	6.449	A3III/IV	3446	74190	48 G. Hya	Hydra	379.0696	0.16		
3430		HIP 42712	130.5674(	-48.09909	5.468	B2/3IV/V	3462	74455	HX Vel	Vela	1689.120	-0.172	5.48	5.53
3431		HIP 42715	130.5791	-53.10005	5.474	B9III(pSi)	3466	74535	KT Vel	Vela	482.9626	-0.127	5.49	5.56
3432		HIP 42717	130.5867(	-55.77455	6.243	K2III	3471	74622		Carina	330.6293	1.178		
3433		HIP 42726	130.6057	-53.11398	4.815	B3IV	3467	74560	HY Vel	Vela	479.4125	-0.173	4.83	4.9
3434		HIP 42775	130.7374	-35.94330	6.411	A0V	3463	74475		Pyxis	438.7635(	0.019		
3435		HIP 42777	130.7506	46.900839	6.205	~	3436	73971		UrsaMajo	411.6175	0.981		
3436		HIP 42794	130.8008	-79.07010	6.07	A7V	3524	75747	RS Cha	Chamaele	318.6706(	0.229	6.02	6.68
3437		HIP 42795	130.8013	12.680873	5.65	A3III:+G7I	3450	74228	45 Cnc	Cancer	1028.390	0.435		
3438		HIP 42799	130.8061	3.3986618	4.3	B3V	3454	74280	η Hydrae	Hydra	466.3822	-0.192	4.27	4.33
3439	Asellus Bc	HIP 42806	130.8214	21.468498	4.652	A1Va	3449	74198	γ Cancri	Cancer	158.4063	0.01		
3440		HIP 42828	130.8980	-33.18638	3.68	B1.5III	3468	74575	α Pyxidis	Pyxis	844.5587	-0.18		
3441		HIP 42834	130.9178(	-49.82280	5.16	B1/2II/III(	3476	74753		Vela	1516.278	-0.197		
3442		HIP 42835	130.9182	-7.233728	4.625	G1Ib	3459	74395	31 Mon	Hydra	603.7033	0.84		
3443		HIP 4285(	130.9763(	-68.21158	6.31	K3(III)	3491	75116	40 G. Vol	Volans	1051.614	1.501		
3444		HIP 42854	130.9990	4.3345583	6.362	A0III	3458	74393	50 G. Hya	Hydra	737.5557(	-0.04		
3445		HIP 42884	131.0997	-42.64927	4.046	G6III	3477	74772		Vela	228.4514	0.874		
3446		HIP 42895	131.1248	-65.82543	6.021	A4V	3495	75171	41 G. Vol	Volans	197.6956(	0.217		
3447	Asellus Au	HIP 42911	131.1712	18.154308	3.94	K0+IIIb	3461	74442	δ Cancri	Cancer	136.0033	1.083		
3448		HIP 42917	131.1876	10.081668	5.66	A1VpHgM	3465	74521	49 Cnc	Cancer	407.5001	-0.069	5.58	5.71
3449		HIP 42923	131.2163(	-37.14725	5.722	B3III	3479	74824		Pyxis	1429.823	-0.139		
3450		HIP 42928	131.2297	-21.16782	6.12	A5V	3473	74706		Pyxis	255.0862	0.195		

3451		HIP 42931	131.2553	5.6805848	6.127	A6V	3469	74591	10 Hya	Hydra	206.5908	0.2		
3452		HIP 42954	131.3392	30.69775	6.119	G5III	3464	74485	46 Cnc	Cancer	476.6089	0.935		
3453		HIP 42981	131.3952	4.6643738	6.43	K0		74685	54 G. Hya	Hydra	414.2320	1.228		
3454		HIP 43002	131.4553	-25.38809	6.057	A3IV/V	3483	74879		Pyxis	356.6734	0.084		
3455		HIP 43012	131.4797	-79.50437	5.77	K5III	3543	76236		Chamaele	559.1782	1.595		
3456		HIP 43023	131.5068	-46.04152	3.91	A0II	3487	75063		Vela	1552.379	0.015		
3457		HIP 43026	131.5103	-2.048655	5.685	K1III	3478	74794	56 G. Hya	Hydra	278.3946	1.097		
3458		HIP 43035	131.5286	-11.00676	6.219	K5III	3480	74860	58 G. Hya	Hydra	3835.293	1.608		
3459		HIP 43067	131.5939	-13.54772	4.32	G8IIIbCN-	3484	74918	12 Hya	Hydra	226.7037	0.9		
3460		HIP 43073	131.5990	-41.12538	6.194	B9IVe	3488	75081		Vela	719.6485	-0.05		
3461			131.611	-52.931	6.1	Open Cluster			NGC 2669	Vela				
3462		HIP 43082	131.6272	-45.91250	5.459	B5Iab	3494	75149	OP Vel	Vela	3292.927	0.238		
3463		HIP 43103	131.6742	28.75989	4.018	G8IIIaBa0	3475	74739	ι 1 Cancri	Cancer	297.9892	1.007		
3464		HIP 43105	131.6772	-56.76977	4.49	B3V(n)	3498	75311	V344 Car	Carina	546.0632	-0.169	4.4	4.51
3465	Ashlesha	HIP 43109	131.6938	6.418801	3.38	G1III+A8V	3482	74874	ϵ Hydrae	Hydra	135.1016	0.685	3.35	3.39
3466		HIP 43114	131.7051	-34.62294	6.324	B3V	3490	75112	AI Pyx	Pyxis	895.6038	-0.127		
3467		HIP 43121	131.7334	12.10995	5.885	A1Vp	3481	74873	50 Cnc	Cancer	199.0233	0.12		
3468		HIP 43142	131.8124	-1.897036	5.279	A0V	3486	74988	61 G. Hya	Hydra	339.2292	0.058		
3469		HIP 43148	131.8285	-46.15541	5.748	F0III	3496	75276		Vela	3622.219	0.554		
3470		HIP 43152	131.8394	-17.05288	6.5	G0III+A2V		75098	63 G. Hya	Hydra	761.6829	0.679		
3471		HIP 43177	131.9182	-41.73679	6.36	F9VFe+0.3	3497	75289		Vela	94.38969	0.578		
3472		HIP 43195	132.0008	-52.85015	6.266	B8V	3503	75466		Vela	464.3871	-0.097		
3473		HIP 43204	132.0203	-6.558839	6.073	K2III	3493	75140	65 G. Hya	Hydra	666.6669	1.282		
3474		HIP 43209	132.0365	-42.46344	6.42	B2V	3501	75387		Vela	1697.916	-0.178		
3475		HIP 43215	132.0609	-28.63879	6.49	M5III		75306	AK Pyx	Pyxis	770.6871	1.364		
3476		HIP 43234	132.1082	5.8378124	4.337	A0Vn	3492	75137	ρ Hydrae	Hydra	337.1265	-0.044		
3477		HIP 43246	132.1560	-1.044838	6.424	K1III		75217	66 G. Hya	Hydra	457.8639	1.142		
3478		HIP 43266	132.2052	66.70807	6.187	B7III	3470	74604		UrsaMajo	514.1967	-0.106		
3479		HIP 43305	132.3405	-3.443025	5.31	B8IIIpHgM	3500	75333	14 Hya	Hydra	437.5834	-0.08	5.31	5.33
3480		HIP 43325	132.4131	-40.32015	5.465	A2/3IV	3514	75630		Vela	1590.244	0.066		

3481	HIP 43338	132.4372(	-21.04843	6.5	A6IV	3507	75495		Pyxis	261.4276⁴	0.256		
3482	HIP 43347	132.4484(	-45.30787	4.935	A2III	3520	75710		Vela	827.4111	0.043		
3483	HIP 43351	132.4588(	-72.55123	6.098	A3mA6-A7	3544	76270	44 G. Vol	Volans	3165.0503	0.185		
3484	HIP 43352	132.4645(	-32.78053	5.194	G8III	3512	75605		Pyxis	228.6114(	0.876		
3485	HIP 43354	132.4681(	-39.14160	6.368	A2/3II/III	3517	75654	HZ Vel	Vela	254.2902(	0.249	6.39	6.415
3486	HIP 43370	132.5092(	-29.46299	5.867	G8III	3513	75629		Pyxis	939.4801(	0.948		
3487	HIP 43392	132.5875(	-42.08979	6	O9V+B0V	3525	75759		Vela	1906.4323	-0.114		
3488	HIP 43394	132.5901(	-28.61761	6.168	B9V	3516	75649		Pyxis	367.5325(	-0.055		
3489	HIP 43409	132.6330(	-27.70984	4.01	K2.5III	3518	75691	γ Pyxidis	Pyxis	208.5732⁴	1.272		
3490	HIP 43410	132.6342(	33.28505⁴	6.21	F7Vs	3499	75332	5 LMi	Lynx	93.5170⁴(	0.549		
3491	HIP 43413	132.6394(	-46.52918	5.11	B1Ib	3527	75821	KX Vel	Vela	2694.214(	-0.205	4.87	4.95
3492	HIP 43414	132.6450(	-66.79298	5.329	F5IV	3537	76143	43 G. Vol	Volans	171.2185(	0.423		
3493	HIP 43427	132.6880(	18.83218(	6.42	A2Vs	3504	75469		Cancer	761.6829(	0.009		
3494	HIP 43454	132.7561(	15.35065(	6.361	G1V	3510	75528	54 Cnc	Cancer	130.2957(	0.669		
3495	HIP 43496	132.8933(	-7.177224	5.73	~	3523	75737A	* 15 Hya A	Hydra	488.0254(	0.15		
3496	HIP 43499	132.9021⁴	-57.63357	5.59	B8III	3536	76113		Carina	716.4830(	-0.102		
3497	HIP 43520	132.9584(	-44.15093	6.35	B3V		76004		Vela	1283.465(	-0.15		
3498	HIP 43528	132.9816(	-40.98658	6.478	ApSi		75989		Vela	1112.628(	-0.106		
3499	HIP 43531	132.9867(	43.72660⁴	5.148	K0III	3508	75506	35 Lyn	Lynx	273.7198(	0.971		
3500	HIP 43550	133.0417(	42.002732	5.984	~	3511	75556		Lynx	479.4125(	1.251		
3501	HIP 43553	133.0490(	45.31282(	5.956	K0III	3509	75523		Lynx	537.9556(	1.233		
3502	HIP 43570	133.1007(	5.3403085	6.35	A5V	3526	75811	71 G. Hya	Hydra	546.9792(	0.122		
3503	HIP 43573	133.1088(	-32.50932	6.463	K2/3III	3533	76001		Pyxis	806.9317(	1.451		
3504	HIP 43575	133.1191(	28.259157	6.23	M3III	3521	75716	53 Cnc	Cancer	885.8694(	1.552	5.9	6.37
3505	HIP 43580	133.1281(	-13.23294	6.109	K1III	3529	75916	73 G. Hya	Hydra	337.8241⁴	1.142		
3506	HIP 43584	133.1442(	32.474159	5.664	A8Vam	3519	75698	σ 1 Cancri	Cancer	203.6229(	0.224		
3507	HIP 43589	133.1608(	-48.35908	5.889	B5V	3539	76161		Vela	1086.665(	-0.148		
3508	HIP 43590	133.1612(	-36.54534	6.409	G6/K0III	3534	76072		Pyxis	1061.889(	0.549		
3509	HIP 43603	133.2000(	-38.72408	5.806	K5/M0III	3535	76110		Vela	876.3437⁴	1.508		
3510	HIP 43620	133.2657⁴	-56.64948	5.998	A0V	3549	76346		Carina	296.0945(	-0.023		

3511	HIP 43623	133.2721	-16.95247	6.43	K1III		76027	74 G. Hya	Hydra	417.4138	1.082			
3512	HIP 43624	133.2747	59.05613	6.35	F5IV-V	3506	75487		UrsaMajo	201.3588	0.414			
3513	HIP 43644	133.3439	61.96226	5.74	F2III	3505	75486	5 UMa	UrsaMajo	284.7161	0.305			
3514	HIP 43669	133.4527	-60.3539	5.768	B4V	3560	76538		Carina	1375.528	-0.088			
3515	HIP 43671	133.4608	-47.5206	5.302	A9IV/V	3551	76360		Vela	261.0090	0.275			
3516	HIP 43673	133.4614	-40.4475	6.447	K0II/III	3548	76304		Vela	1314.517	0.96			
3517	HIP 43685	133.4820	35.53829	6.129	A4III	3528	75896	CY Lyn	Lynx	950.4370	0.059			
3518	HIP 43721	133.5610	30.57940	6.25	~	3532	75959B	* 57 Cnc E	Cancer	365.0614	1.05			
3519	HIP 43721	133.5613	30.57912	5.97	~	3532	75959A	* 57 Cnc A	Cancer					
3520	HIP 43726	133.5747	-5.43445	6	G2V	3538	76151		Hydra	55.72646	0.661			
3521	HIP 43763	133.7251	-58.2396	6.353	B5V	3568	76640	V473 Car	Carina	869.3347	-0.086			
3522	HIP 43783	133.7618	-60.6446	3.8	B8II-III	3571	76728		Carina	311.9619	-0.104			
3523	HIP 43797	133.7990	-54.9657	5.698	F6V	3570	76653		Vela	78.72512	0.481			
3524	HIP 43798	133.8017	-18.2411	5.741	K2/3III	3554	76376	80 G. Hya	Hydra	425.0324	1.327			
3525	HIP 43807	133.8300	-45.0416	6.26	B3IV	3562	76566		Vela	934.0979	-0.152	6.23	6.27	
3526	HIP 43811	133.8453	17.23127	6.4	C-N4.5	3541	76221	X Cnc	Cancer	3622.219	2.975	5.6	7.5	
3527	HIP 43813	133.8484	5.945565	3.1	G8.5III	3547	76294	ζ Hydrae	Hydra	150.6469	0.978			
3528	HIP 43825	133.8815	-27.6818	4.89	A3IV	3556	76483	δ Pyxidis	Pyxis	226.3888	0.142			
3529	HIP 43834	133.9153	27.92748	5.225	G8III	3540	76219	ρ 2 Cancri	Cancer	573.9427	1			
3530	HIP 43850	133.9770	-15.4395	6.46	K2III		76478	82 G. Hya	Hydra	812.9693	1.393			
3531	HIP 43851	133.9814	11.62602	5.44	K5III	3550	76351	60 Cnc	Cancer	582.1416	1.462			
3532	HIP 43853	133.9829	-23.8182	6.375	A4V	3559	76512		Pyxis	228.9326	0.157			
3533	HIP 43878	134.0802	-52.7234	4.723	B5/6IV	3574	76805	H Vel	Vela	375.5749	-0.115			
3534	HIP 43894	134.1271	40.20147	5.88	F3III	3546	76292		Lynx	236.0609	0.378			
3535	HIP 43899	134.1421	-16.7087	5.929	K3III	3564	76579	84 G. Hya	Hydra	737.5557	1.544			
3536	HIP 43902	134.1543	4.236580	6.131	G8III	3557	76494	81 G. Hya	Hydra	1015.575	1.001			
3537	HIP 43903	134.1560	64.60382	5.56	G7IIIb	3531	75958	6 UMa	UrsaMajo	307.8376	0.877			
3538	HIP 43908	134.1707	-85.6631	5.419	A8/9IV	3678	79837	ζ Octantis	Octans	157.2601	0.306			
3539	HIP 43923	134.2081	45.63164	5.711	K1IV	3545	76291		Lynx	229.4160	1.125			
3540	HIP 43932	134.2358	32.91042	5.436	A7IV	3555	76398	σ 2 Cancri	Cancer	194.8597	0.181			

3541		HIP 43937	134.2434(	-59.22933	4.895	B2V	3582	77002	V376 Car	Carina	620.95198	-0.182	4.91	4.96
3542		HIP 43957	134.2845(	17.14375(	6.146	K1III	3558	76508		Cancer	383.52935	1.001		
3543		HIP 4397(	134.3122(	15.32276(	5.22	A5III	3561	76543	o 1 Cancri	Cancer	159.88219	0.149		
3544		HIP 44001	134.3966(	15.58128(	5.677	F0IV	3565	76582	o 2 Cancri	Cancer	160.59124	0.209		
3545		HIP 4401(	134.4250(	9.387759(	6.178	G8III	3567	76629		Cancer	956.01164	0.984		
3546		HIP 44024	134.4814(	-48.57290	5.876	G8/K0II	3583	77020		Vela	1072.3676	1.06		
3547		HIP 44031	134.4944(	30.23382(	6.239	F4V	3563	76572	61 Cnc	Cancer	163.65466	0.474		
3548	Acubens	HIP 44066	134.6216(	11.85768(	4.249	kA7VmF0/	3572	76756	α Cancri	Cancer	173.49661	0.141		
3549		HIP 44075	134.6830(	-16.13272	5.86	G2VFe-1.(	3578	76932	88 G. Hya	Hydra	69.509748	0.521		
3550		HIP 44093	134.7181(	-47.23468	5.146	A6/7(m)A	3588	77140	FZ Vel	Vela	220.71773	0.268	5.14	5.17
3551		HIP 44126	134.7947(	18.13486(	6.38	M4.5III	3577	76830	FZ Cnc	Cancer	696.58075	1.511		
3552	Talitha	HIP 44127	134.8018(	48.04182(	3.13	A7V(n)	3569	76644	* iot UMa	UrsaMajo	47.323968	0.19		
3553	Talitha	HIP 44127	134.8018(	48.04182(	3.14	A6	3569	76644	ı Ursae Ma	UrsaMajo	47.323968	0.19		
3554		HIP 4413(	134.8158(	-28.80604	6.241	G8.5IIICN(	3585	77087		Pyxis	471.78085	0.997		
3555		HIP 44143	134.8507(	-59.08371	5.16	F4V	3598	77370		Carina	85.340315	0.417		
3556		HIP 44148	134.8620(	13.07438(	6.46	K5III		76908		Cancer	1293.6495	1.462		
3557		HIP 44154	134.8860(	32.41855(	5.22	G9III	3575	76813	σ 3 Cancri	Cancer	319.92151	0.913		
3558		HIP 44162	134.9163(	-19.20804	6.191	F5V	3584	77084	89 G. Hya	Hydra	128.95587	0.461		
3559		HIP 44191	135.0225(	-41.25360	4.446	G8/K1III+/	3591	77258		Vela	201.35886	0.646		
3560		HIP 44213	135.0927(	-43.17399	6.08	B2Vnn(e)	3593	77320	IU Vel	Vela	999.99884	-0.154	5.97	6.08
3561		HIP 44231	135.1283(	37.60435(	6.2	K5	3580	76944		Lynx	842.37778	1.572		
3562		HIP 44248	135.1603(	41.78302(	3.96	F3V+G5V	3579	76943	10 UMa	Lynx	53.565730	0.463		
3563		HIP 44256	135.1905(	-60.96382	5.78	G8II	3604	77615		Carina	1258.6864	1.211		
3564		HIP 44283	135.2854(	-68.68391	5.87	M1III	3610	77887	45 G. Vol	Volans	761.68298	1.634		
3565		HIP 4429(	135.2975(	-26.66371	6.187	K1IIICNII	3597	77361		Pyxis	389.48538	1.137		
3566		HIP 44299	135.3369(	-41.86425	5.541	B5III	3600	77475		Vela	471.09951	-0.135	5.53	5.56
3567		HIP 44307	135.3505(	32.25229(	5.87	A2V	3587	77104	66 Cnc	Cancer	509.37518	0.088		
3568		HIP 44315	135.3807(	5.640985(	6.052	K1II-III	3590	77250	90 G. Hya	Hydra	789.34734	1.111		
3569		HIP 44331	135.4198(	39.71351(	6.386	A9Vn	3586	77093		Lynx	213.91084	0.314		
3570			135.4356(	-52.18868	5.57	~	3605	77653A		Vela	436.99664	-0.12		

3571		HIP 44342	135.4534(	27.90260:	6.07	A8Vn	3589	77190	67 Cnc	Cancer	191.4269⁴	0.243		
3572		HIP 44356	135.4916:	-0.482674	5.627	K0III	3596	77353	92 G. Hya	Hydra	612.7824:	1.163		
3573		HIP 44367	135.5266:	-39.40214	6.238	K1IIICNII	3602	77580		Vela	357.0646:	1		
3574		HIP 44382	135.6116:	-66.39607	3.99	kA3hA5m	3615	78045	α Volantis	Volans	124.2379:	0.145		
3575		HIP 4439(	135.6362:	67.62961:	4.76	M3IIICa1	3576	76827	ρ Ursae M	UrsaMajo	287.2246:	1.542		
3576		HIP 44405	135.6844⁴	24.45288(	5.447	A0III	3595	77350	ν Cancri	Cancer	456.5827:	-0.041		
3577		HIP 44406	135.6867:	7.298267(	5.831	K3III:	3599	77445		Cancer	663.9514(	1.1		
3578		HIP 44423	135.7722:	-53.55037	6.377	B7IVe	3611	77907		Vela	862.4333:	-0.074		
3579	Alkaphrah	HIP 44471	135.9063(	47.156524	3.55	A1Vn	3594	77327	κ Ursae M	UrsaMajo	422.8286:	0.007		
3580		HIP 44504	136.0016(	54.283882	5.74	A2V	3592	77309		UrsaMajo	336.4288(	0.034		
3581		HIP 44509	136.0240⁸	-47.44144	6.438	B3IV/V		78005		Vela	1143.8594	-0.155		
3582		HIP 44511	136.0386(	-47.09773	3.75	K2III	3614	78004		Vela	309.0047⁵	1.174		
3583		HIP 44565	136.1998(	-57.85257	6.44	A8III	3622	78293		Carina	1101.352:	0.288		
3584		HIP 44574	136.2295(	32.37683(	6.47	A8V	3606	77660		Cancer	258.7303:	0.241		
3585		HIP 44599	136.2867:	-72.60270	4.467	F8II+DA	3643	78791		Carina	454.0399:	0.607		
3586		HIP 44613	136.3503⁹	48.530315	5.95	F6IIIn	3603	77601		UrsaMajo	347.9203(	0.475		
3587		HIP 44626	136.4098⁹	-70.53849	4.652	B3III	3642	78764	V345 Car	Carina	1079.471:	-0.149	4.67	4.78
3588		HIP 44659	136.4932(	5.092326(	4.981	K2II-III	3613	77996	ω Hydrae	Hydra	1211.895(	1.189		
3589		HIP 44665	136.5318:	-64.49984	6.355	K3III	3632	78632		Carina	589.5125:	1.361		
3590		HIP 4470(	136.6323(	38.452213	4.539	G7IIa	3612	77912		Lynx	677.7542⁴	1.037		
3591		HIP 44708	136.6417:	-55.80240	6.081	B2/3V	3629	78548		Vela	1185.453:	-0.132		
3592		HIP 44717	136.6797⁴	59.344525	6.435	A2V	3608	77692		UrsaMajo	1131.944:	0.045		
3593		HIP 44738	136.7497⁴	1.462692⁹	6.17	M3III	3618	78196	NS Hya	Hydra	990.8806:	1.648		
3594		HIP 44798	136.9367(	10.668195	5.24	B8IIImnp	3623	78316	κ Cancri	Cancer	483.6798⁵	-0.092	5.22	5.27
3595	Suhail	HIP 44816	136.9989⁹	-43.43259	2.21	K4Ib	3634	78647	λ Velorum	Vela	545.0002(	1.665	2.14	2.3
3596		HIP 44818	137.0002(	29.654232	5.42	G8III	3621	78235	τ Cancri	Cancer	259.5541:	0.888		
3597		HIP 44824	137.0119⁵	-25.85853	4.56	K4III	3628	78541	κ Pyxidis	Pyxis	487.2952(	1.594		
3598		HIP 44825	137.0173:	32.540402	6.46	F2V	3620	78234		Cancer	349.0352⁸	0.375		
3599		HIP 44857	137.0979:	66.873233	5.136	K5III	3609	77800	σ 1 Ursae	UrsaMajo	498.4704:	1.514		
3600		HIP 44883	137.1757⁵	-8.589533	5.609	B9V	3630	78556	19 Hya	Hydra	898.0716⁴	-0.057		

3601		HIP 44887	137.1813	-26.76759	6.144	A4IV	3637	78676		Pyxis	372.9962	0.17		
3602		HIP 44888	137.1855	-16.27732	6.48	K0IIICNII		78614	100 G. Hy	Hydra	393.7201	1.1		
3603		HIP 44892	137.1972	26.62911	5.95	G5IV-V	3626	78418	75 Cnc	Cancer	101.9386	0.654		
3604		HIP 44901	137.2177	51.60464	4.48	kA3VmF5	3619	78209	15 UMa	UrsaMajo	95.54509	0.288		
3605		HIP 44923	137.2675	-18.32855	5.722	A0/1V	3638	78702	102 G. Hy	Hydra	260.3834	0		
3606		HIP 44936	137.2979	-12.35770	5.769	G8III	3636	78668	101 G. Hy	Hydra	459.8036	0.937		
3607	Nahn	HIP 44946	137.3397	22.04543	5.149	G8.5IIIFe-	3627	78515	ξ Cancri	Cancer	380.3964	0.97		
3608		HIP 44961	137.3982	-8.787648	5.46	K0II/III	3641	78732	20 Hya	Hydra	641.7312	1.002		
3609		HIP 44979	137.4374	-49.42438	6.476	A3/5III(m)	3647	79025		Vela	513.3849	0.17		
3610		HIP 44984	137.4434	11.56437	6.48	F2VkA7m	3635	78661		Cancer	122.8335	0.355		
3611		HIP 45001	137.4850	-30.36540	5.593	A4IV	3644	78922	ϵ Pyxidis	Pyxis	212.3779	0.179		
3612		HIP 45002	137.4877	-52.08286	6.22	K1III		79091		Vela	303.8210	1.023		
3613		HIP 45033	137.5869	21.99641	6.011	G5III	3640	78715	79 Cnc	Cancer	420.1033	0.89		
3614		HIP 45038	137.5981	67.13401	4.8	F7V	3616	78154	σ 2 Ursae	UrsaMajo	66.70777	0.489		
3615		HIP 45038	137.5981	67.13401	4.813	F6IV-V	3616	78154	* sig02 UI	UrsaMajo	66.70777	0.489		
3616		HIP 45058	137.6616	30.96313	5.95	M6S	3639	78712	RS Cnc	Cancer	397.0779	1.373		
3617		HIP 45075	137.7293	63.51367	4.64	F6IIIn	3624	78362	τ Ursae M	UrsaMajo	121.6873	0.381		
3618		HIP 45080	137.7420	-58.96690	3.4	B2IV-V	3659	79351	a Car	Carina	418.4863	-0.19	3.41	3.44
3619		HIP 45085	137.7683	-44.86790	5	B5Ia	3654	79186	GX Vel	Vela	5495.475	0.222	4.97	5.04
3620		HIP 45097	137.8027	80.82890	6.35	F2		77246		Camelopa	251.7376	0.385		
3621		HIP 45101	137.8196	-62.31697	3.943	B3V	3663	79447		Carina	499.2333	-0.18		
3622		HIP 45122	137.8890	-46.58391	5.769	B2III/IV	3658	79275		Vela	1143.859	-0.218		
3623		HIP 45127	137.9205	-39.25884	6.002	B7V	3656	79241		Vela	1278.432	-0.108		
3624		HIP 45150	137.9818	5.468626	6.342	F1Vn	3649	79066	104 G. Hy	Hydra	165.9034	0.328		
3625		HIP 45158	137.9947	-19.74763	5.717	G8III	3653	79181	107 G. Hy	Hydra	300.4609	0.977		
3626		HIP 45166	138.0515	-76.66302	6.12	K1III	3695	80194		Chamaele	364.2464	1.09		
3627		HIP 45167	138.0536	3.866978	6.131	A0V	3651	79108	105 G. Hy	Hydra	375.5749	-0.01		
3628		HIP 45184	138.1085	-7.109805	6.098	A0mA5/7-	3655	79193	21 Hya	Hydra	269.4214	0.232	6.11	6.58
3629		HIP 45189	138.1271	-43.61325	5.98	~	3661	79416AB	NAME HD	Vela	623.3285	-0.107	5.56	5.57
3630		HIP 45214	138.2108	-60.91676	6.358	B9V		79699		Carina	552.5441	-0.044		

3631		HIP 45219	138.2317	-59.41392	5.532	G5III	3673	79698		Carina	474.5257	0.846		
3632	Miaplacid	HIP 45238	138.2999	-69.71720	1.69	A1III-	3685	80007	β Carinae	Carina	111.1112	0.07		
3633		HIP 45242	138.3277	-42.27329	6.267	K2III	3668	79524		Vela	469.0652	1.25		
3634		HIP 45249	138.3397	-29.66436	6.38	K5III		79456		Pyxis	964.4974	1.6		
3635		HIP 45259	138.3575	-38.61647	6.296	A0V	3667	79523		Vela	714.9117	0.018		
3636		HIP 45270	138.3935	-47.33840	5.92	B9V	3670	79621		Vela	554.4218	-0.051		
3637		HIP 45272	138.4052	21.28320	6.465	A1V	3657	79248		Cancer	496.1950	0.046		
3638		HIP 45290	138.4508	43.21783	5.282	B9IVpHgM	3652	79158	36 Lyn	Lynx	572.9354	-0.13	5.32	5.35
3639		HIP 45305	138.5128	-14.69484	6.46	G6/8III/IV		79481	109 G. Hy	Hydra	566.9565	0.958		
3640		HIP 45306	138.5133	71.65583	6.5	G8III-IV	3633	78633		UrsaMajo	469.0652	0.962		
3641		HIP 45314	138.5342	-44.14582	5.85	B7-8V	3672	79694		Vela	520.7656	-0.113		
3642		HIP 45328	138.5749	-55.56962	5.254	G8II/III	3679	79846		Vela	637.9659	0.98		
3643		HIP 45333	138.5855	61.42331	5.18	G0V	3648	79028	16 UMa	UrsaMajo	63.77148	0.605		
3644		HIP 45344	138.6020	-43.22748	5.25	B3/5V	3674	79735		Vela	556.3126	-0.137		
3645		HIP 45386	138.7382	-37.60242	5.85	K0/1III+A3	3677	79807		Vela	626.9243	0.827		
3646		HIP 45410	138.8077	14.941508	5.348	K1III	3669	79554	π 2 Cancr	Cancer	701.0762	1.319		
3647		HIP 45418	138.8234	-58.38837	5.993	B6III	3691	80094		Carina	522.4347	-0.101		
3648		HIP 45421	138.8392	84.18101	6.28	F2III	3581	76990		Camelopa	293.6938	0.339		
3649		HIP 45424	138.8539	-15.02491	6.318	A0V	3675	79752	111 G. Hy	Hydra	347.5487	0.013		
3650		HIP 45437	138.8946	-57.57774	6.311	G8II	3693	80126		Carina	1097.642	1.037		
3651		HIP 45439	138.9029	-38.56994	4.94	K1III	3682	79917		Vela	224.9827	1.084		
3652		HIP 45448	138.9378	-37.41314	4.62	F3/5V	3684	79940		Vela	165.5663	0.473		
3653		HIP 45455	138.9574	56.74140	5.266	K4III	3660	79354	17 UMa	UrsaMajo	680.5839	1.568		
3654		HIP 45461	138.9690	72.94632	5.93	F0III	3645	78935		UrsaMajo	290.8119	0.179		
3655		HIP 45481	139.0167	-44.89872	6.04	A0Iab	3688	80057		Vela	4346.657	0.269		
3656		HIP 45493	139.0471	54.02185	4.805	A6V	3662	79439	18 UMa	UrsaMajo	118.3302	0.199	5.02	5.05
3657		HIP 45496	139.0503	-57.54147	4.318	M0.5IIIa	3696	80230		Carina	536.1854	1.602		
3658		HIP 45505	139.0959	-44.26573	5.094	K3Ib-II	3692	80108		Vela	4024.699	1.636		
3659			139.1069	-67.47656	3.27	~			ASAS J091	Carina				
3660		HIP 45526	139.1723	-8.744758	5.468	B3III/IV	3683	79931	24 Hya	Hydra	689.2164	-0.081		

3661		HIP 45527	139.1739	-6.353144	5.23	K2/3III	3681	79910	23 Hya	Hydra	278.6326	1.172		
3662		HIP 45543	139.2377	-11.10311	6.45	K2/3III		79994	117 G. Hy	Hydra	367.9465	1.172		
3663		HIP 45544	139.2378	-39.40153	5.304	K2III	3694	80170		Vela	355.1184	1.166		
3664	Aspidiske	HIP 45556	139.2725	-59.27523	2.26	A7Ib	3699	80404	ι Carinae	Carina	692.1438	0.189		
3665		HIP 45559	139.2821	-14.57407	5.831	K0III	3687	80050	118 G. Hy	Hydra	389.4853	1.049		
3666		HIP 45571	139.3218	-68.68959	5.39	F5VFe-0.7	3712	80671		Carina	109.2860	0.415		
3667		HIP 45581	139.3550	-74.89427	5.32	A1V	3720	80951		Carina	721.2394	0.021		
3668		HIP 45585	139.3648	-74.73459	5.857	A0V	3721	80950		Carina	263.5407	-0.024		
3669		HIP 45590	139.3799	46.81722	5.938	A1V	3676	79763		UrsaMajo	366.7044	0.063		
3670		HIP 45603	139.4261	-54.49482	6.319	K3III	3700	80435		Vela	810.9448	1.403		
3671		HIP 45614	139.4639	11.50114	6.39	A2IV	3689	80064		Cancer	541.5285	0.095		
3672		HIP 45615	139.4652	-67.05086	6.136	K2III	3713	80710	V478 Car	Carina	1358.334	1.254		
3673		HIP 45631	139.5244	-51.05085	5.254	B7/8III	3703	80456		Vela	430.6461	-0.062		
3674		HIP 45661	139.6079	35.36407	5.94	A8V	3686	80024		Lynx	504.6449	0.177		
3675		HIP 45675	139.6764	-51.56064	5.93	B6Ia	3708	80558	LR Vel	Vela	7015.633	0.54	5.82	5.96
3676		HIP 45688	139.7103	36.80207	6.09	A4V	3690	80081B	* 38 Lyn B	Lynx	121.8692	0.066		
3677		HIP 45688	139.7110	36.80259	3.92	A1V	3690	80081	38 Lyn	Lynx	121.8692	0.066		
3678		HIP 45742	139.8853	-55.18647	6.268	B3V	3717	80781		Vela	3431.575	-0.099		
3679		HIP 45743	139.8880	-15.83466	5.792	K1/2III	3704	80479	121 G. Hy	Hydra	400.4911	1.285		
3680		HIP 45751	139.9432	-11.97485	4.77	G7III	3706	80499	26 Hya	Hydra	319.6079	0.927		
3681		HIP 45754	139.9497	-34.10334	6.384	B8V	3710	80590		Pyxis	680.5839	-0.087		
3682		HIP 45764	139.9820	74.01660	6.4	G8III	3666	79517		Camelopa	370.4534	1.05		
3683		HIP 45811	140.1208	-9.555703	4.811	K0III	3709	80586	27 Hya	Hydra	243.4653	0.913		
3684		HIP 45814	140.1236	-37.58168	6.027	K3/4III	3716	80774		Vela	513.3849	1.396		
3685		HIP 45836	140.1823	51.26606	6.11	F3V	3697	80290	37 Lyn	UrsaMajo	94.54753	0.436		
3686		HIP 45854	140.2312	-15.61782	6.308	F6V	3714	80719	126 G. Hy	Hydra	157.5640	0.468		
3687		HIP 45856	140.2367	-62.40463	4.8	G6III	3728	81101		Carina	222.5257	0.926		
3688		HIP 45860	140.2637	34.39255	3.14	K6III	3705	80493	α Lyncis	Lynx	221.9196	1.55		
3689		HIP 45888	140.3483	45.37010	6.39	K0		80461		UrsaMajo	713.3469	1.305		
3690		HIP 45896	140.3632	32.90215	6.18	K3III	3707	80546		Cancer	316.5050	1.097		

3691		HIP 45902	140.3732	-25.96544	4.72	M0.5IIIBa(	3718	80874	θ Pyxidis	Pyxis	521.6001	1.633	
3692		HIP 45915	140.4303	56.69922(	5.47	M4IIIa	3698	80390	CG UMa	UrsaMajo	476.6089	1.511	5.47	5.95
3693		HIP 4592(	140.4585	-55.51468	5.608	A3IV(s)	3732	81157		Vela	275.3380	0.19	
3694		HIP 45924	140.4624	-42.19486	5.572	M1III	3726	81034		Vela	564.9908	1.637	
3695	Markeb	HIP 45941	140.5284(	-55.01066	2.473	B2IV	3734	81188	κ Velorum	Vela	538.8423	-0.141	
3696		HIP 45962	140.5999(	-46.04744	5.729	G6/8III	3730	81136		Vela	569.9297	0.903	
3697		HIP 46026	140.8010	-28.83386	4.68	G8.5IIIbFe	3733	81169	λ Pyxidis	Pyxis	181.9198(	0.892	
3698		HIP 46045	140.8557(	-48.28694	6.264	B3IV		81347		Vela	1393.161	-0.144	
3699		HIP 46049	140.8638	-60.30231	6.265	K1/2II/III	3740	81502		Carina	2263.888	1.477	
3700		HIP 46058	140.8823	25.18283	6.4	G5IV-V	3723	80956	6 LMi	Leo	679.1658	0.856	
3701		HIP 46067	140.9156	-46.90875	6.188	B7III		81369		Vela	1128.028	-0.093	
3702		HIP 46075	140.9369	-37.75690	6.469	A1mA5-F(	3735	81309		Vela	328.6276	0.193	
3703		HIP 46093	140.9972	-51.73708	6.086	A5Ia/ab	3739	81471		Vela	5719.313	0.528	
3704		HIP 46101	141.0228	-61.64890	5.988	K0III	3742	81613		Carina	337.1265(	1.06	
3705		HIP 46107	141.0384	-80.78687	5.36	F3/5III/V	3795	82554	ι Chamael	Chamaele	184.2849	0.454	
3706		HIP 46114	141.0678	-39.42550	6.049	A6/7III	3737	81411		Vela	518.2847	0.193	
3707		HIP 46143	141.1545	-70.07578	6.45	K1III		81896		Carina	617.4246(	1.275	
3708		HIP 46146	141.1635	26.18232	4.46	K2IIIb	3731	81146	κ Leonis	Leo	213.3507	1.222	
3709		HIP 46168	141.2319	51.57389	6.368	G2III	3725	81025		UrsaMajo	431.7871	0.774	
3710			141.2320(	51.57389	6.435	~	3725	81025A		UrsaMajo	431.7871	0.774	
3711		HIP 46194	141.2827	-43.97660	6.371	M3III		81575	GK Vel	Vela	789.3473	1.526	6.26	6.39
3712		HIP 46221	141.3501	-5.117395	5.579	K4/5III	3738	81420	28 Hya	Hydra	674.9473	1.523	
3713		HIP 46225	141.3634	-61.95047	5.77	A4V	3752	81830		Carina	236.4032	0.137	
3714		HIP 46232	141.3854	16.58558	6.292	G9III:	3736	81361		Leo	271.8932	0.968	
3715		HIP 46247	141.4340	63.94094(	6.227	K2III	3722	80953	EZ UMa	UrsaMajo	808.9334	1.465	6.23	6.28
3716		HIP 46283	141.5748	-53.37890	5.089	B6V	3753	81848		Vela	422.2809	-0.102	
3717		HIP 46288	141.5929(	-1.464074	5.985	K2+III	3741	81567	136 G. Hy	Hydra	876.3437	1.313	
3718		HIP 46297	141.6185	-40.50170	6.19	A7III	3746	81780		Vela	299.9080	0.251	
3719		HIP 46328	141.6837	-64.92970	6.039	A3Vn	3761	82068		Carina	222.5257	0.147	
3720			141.6870	-28.78769	6.44	~	3745	81753A		Pyxis	1590.244	-0.089	

3721		HIP 46358	141.77629	-71.60189	5.47	K0/1III	3777	82350		Carina	200.86269	1.079	
3722		HIP 46371	141.82671	-22.34372	4.69	K2+IIIb	3749	81799		Hydra	175.93085	1.154	
3723	Alphard	HIP 46390	141.89684	-8.658599	1.97	K3IIIa	3748	81797	α Hydrae	Hydra	177.17389	1.44	
3724			141.94493	-6.071213	5.56	~	3750	81809A		Hydra	101.84309	0.642	
3725		HIP 46407	141.95434	-71.78110	6.31	F3/5V		82458		Carina	184.49357	0.413	
3726		HIP 46410	141.96490	75.09832	6.2	A5Vs	3719	80930		Draco	473.83790	0.115	
3727		HIP 46454	142.11421	9.056775(	5.62	~	3754	81858	* ome Lec	Leo	112.22032	0.605	
3728		HIP 46457	142.12155	8.188305	5.713	K0III	3755	81873	3 Leo	Leo	518.28477	1.045	
3729		HIP 46460	142.12722	-66.70187	5.886	A0V	3783	82406		Carina	267.87202	0.012	
3730	Intercrus	HIP 46471	142.16661	45.60148(	5.393	K0III	3743	81688		UrsaMajo	287.86572	0.996	
3731		HIP 46482	142.19627	-62.27313	5.904	K1III	3776	82347		Carina	482.24872	1.102	
3732		HIP 46504	142.25957	-1.256911	6.27	A5/7IV+F/	3758	81980	144 G. Hy	Hydra	297.44544	0.274	
3733		HIP 46509	142.28721	-2.768939	4.6	F5V	3759	81997	τ 1 Hydrae	Hydra	55.745698	0.411	
3734		HIP 46511	142.30267	-20.74912	5.636	K4/5III	3763	82077	148 G. Hy	Hydra	913.16545	1.587	
3735		HIP 46515	142.31133	-35.95133	4.51	K3III	3765	82150	ϵ Antliae	Antlia	699.57017	1.408	
3736		HIP 46517	142.31738	-38.40354	6.145	A6V	3766	82165		Antlia	203.24184	0.216	
3737		HIP 46529	142.35183	-2.205190	6.126	A7/8V+(F/	3760	82043	146 G. Hy	Hydra	474.52577	0.222	
3738		HIP 46543	142.38506	-4.246635	6.257	G8III/IV	3762	82074	147 G. Hy	Hydra	177.27039	0.838	
3739		HIP 46569	142.45780	-23.34534	6.24	K2/3III	3767	82180	149 G. Hy	Hydra	1646.4668	1.559	
3740		HIP 46578	142.47710	-26.58961	5.479	K2IIICNII	3770	82205		Antlia	763.46620	1.345	
3741		HIP 46594	142.52129	-51.51716	5.46	B8III	3784	82419		Vela	415.28829	-0.078	
3742		HIP 46618	142.59367	-15.57735	5.849	K2III	3772	82232	150 G. Hy	Hydra	248.66539	1.193	
3743		HIP 46620	142.59761	-58.36183	5.888	M2III	3793	82536	V482 Car	Carina	1058.4408	1.676	
3744		HIP 46651	142.67469	-40.46683	3.91	~	3786	82434A	* psi Vel A	Vela	60.493565	0.371	
3745		HIP 46651	142.67499	-40.46673	3.6	F3VFe-0.7	3786	82434	ψ Velorun	Vela	60.493565	0.371	
3746		HIP 46651	142.67515	-40.46675	5.12	~	3786	82434B	* psi Vel B	Vela	60.493565	0.371	
3747		HIP 46652	142.68013	33.65571	5.857	G8III:	3764	82087	7 LMi	LeoMinor	515.00846	1.032	
3748		HIP 46657	142.69208	-31.88920	6.15	A1V	3781	82384	ζ 1 Antliae	Antlia	372.14544	0.066	
3749		HIP 46701	142.80549	-57.03437	3.139	K5III	3803	82668		Vela	237.60942	1.538	3.12 3.15
3750		HIP 46733	142.88213	63.06185	3.67	F0V	3757	81937	23 UMa	UrsaMajo	75.462831	0.36	

3751		HIP 46734	142.8839	-31.87180	5.899	A9IV	3789	82513	ζ 2 Antliae	Antlia	374.2840	0.258		
3752		HIP 46735	142.8850	35.10327	5.37	M1III	3769	82198	8 LMi	LeoMinor	435.8295	1.543		
3753		HIP 46737	142.8875	-66.71902	6.255	K1III	3813	82858		Carina	702.5856	1.348		
3754		HIP 46736	142.8876	-35.71474	5.87	K3III	3790	82514		Antlia	284.9651	1.287		
3755		HIP 46741	142.9011	-73.08091	5.454	K4III	3821	83095		Carina	791.2609	1.556		
3756		HIP 46744	142.9124	-10.55203	6.123	WN	3785	82428	153 G. Hy	Hydra	176.8857	0.261		
3757	Alterf	HIP 46750	142.9301	22.96798	4.31	K4.5III	3773	82308	λ Leonis	Leo	336.4288	1.541		
3758		HIP 46768	142.9821	-10.37034	6.124	K2III	3788	82477	154 G. Hy	Hydra	358.2415	1.183		
3759		HIP 46771	142.9864	11.29982	4.963	G9.5III	3782	82395	ξ Leonis	Leo	238.4785	1.046		
3760		HIP 46774	142.9899	9.715765	5.07	K2.5IIIFe-(	3779	82381	6 Leo	Leo	482.2487	1.364		
3761		HIP 46776	142.9955	-1.184671	4.548	A2V	3787	82446	τ 2 Hydrae	Hydra	458.5093	0.109		
3762		HIP 46806	143.0608	-62.78888	6.1	M5-8	3816	82901	R Car	Carina	415.8164	0.906	3.9	10.5
3763		HIP 46810	143.0766	-28.62776	6.45	F3V	3798	82610	S Ant	Antlia	245.1129	0.358	6.27	6.83
3764		HIP 46811	143.0803	-40.64933	5.4	G8III	3807	82694		Vela	389.9515	0.897		
3765		HIP 46813	143.0850	-19.40030	5.74	A4III	3796	82573	156 G. Hy	Hydra	351.2944	0.135		
3766		HIP 46840	143.1724	1.864126	6.12	K0III+A/F	3794	82543	155 G. Hy	Hydra	415.8164	0.614		
3767		HIP 46853	143.2142	51.67731	3.18	F7V	3775	82328	θ Ursae M	UrsaMajo	43.96236	0.46		
3768		HIP 46859	143.2323	-13.51680	5.937	K4III	3802	82660	158 G. Hy	Hydra	823.2318	1.501		
3769		HIP 46869	143.2582	-8.505373	6.113	K0III	3801	82638	157 G. Hy	Hydra	392.7714	0.974		
3770		HIP 46874	143.2820	-39.12907	6.41	F2IV/V	3812	82785		Antlia	237.0910	0.337		
3771		HIP 46879	143.2968	45.51375	6.47	K0		82408		UrsaMajo	584.2280	1.141		
3772		HIP 46880	143.3019	-21.11572	5.003	K0III	3808	82734	160 G. Hy	Hydra	334.0164	1.023		
3773		HIP 46893	143.3329	-7.190202	6.25	K2III	3805	82674	159 G. Hy	Hydra	420.6444	1.17		
3774		HIP 46897	143.3585	-22.86388	5.904	B9.5V	3810	82747	162 G. Hy	Hydra	296.9036	0.023		
3775		HIP 46904	143.3765	36.48694	6.181	K4III:	3791	82522	9 LMi	LeoMinor	414.2320	1.264		
3776			143.4350	-49.00551	6.21	~	3817	82984B		Vela	958.8250	-0.114		
3777			143.4355	-49.00507	5.56	~	3817	82984A		Vela	958.8250	-0.114		
3778		HIP 46914	143.4355	-49.00507	5.12	B5III	3817	82984		Vela	958.8250	-0.114		
3779		HIP 46928	143.4723	-80.94125	5.059	B4IV	3860	83979	ζ Chamae	Chamaele	538.8423	-0.139	5.06	5.17
3780		HIP 46938	143.4964	23.45392	6.25	K7III	3804	82670		Leo	508.5797	1.453		

3781	HIP 4695(	143.5366	-51.25526	5.03	B2IV	3819	83058		Vela	931.42798	-0.18		
3782	HIP 46952	143.5557	36.397558	4.6	G7.5IIIb	3800	82635	10 LMi	LeoMinor	176.02604	0.914	4.54	4.56
3783	HIP 46974	143.6110	-59.22975	4.09	B5II	3825	83183		Carina	1975.7595	-0.013		
3784	HIP 46977	143.6202	69.83034(	4.57	G5III-IV	3771	82210	24 UMa	UrsaMajo	105.53569	0.781	4.56	4.618
3785	HIP 46982	143.6360	-5.914950	5.548	K1II/III	3814	82870	33 Hya	Hydra	680.58393	1.159		
3786	HIP 4700(	143.7059(	52.05147(	4.463	A0Vn	3799	82621	26 UMa	UrsaMajo	266.99442	0.027		
3787	HIP 47013	143.7230	72.20567(	5.768	F7V	3768	82189	22 UMa	UrsaMajo	162.51236	0.53		
3788	HIP 47029	143.7659	39.621492	4.8	G9.5IIIbFe	3809	82741		Lynx	229.09365	0.992		
3789	HIP 47039	143.7992(	-35.82374	6.47	F5V	3823	83108		Antlia	206.59084	0.417		
3790	HIP 4707(	143.8908	-19.58339	6.31	A0V	3822	83104	165 G. Hy	Hydra	283.47829	0.069		
3791	HIP 4708(	143.9145	35.810132	5.34	G8Va	3815	82885	11 LMi	LeoMinor	36.444858	0.77	5.39	5.43
3792	HIP 47096	143.9703	14.379593	6.303	A1V	3818	83023	7 Leo	Leo	510.17388	0.027		
3793	HIP 47119	144.0282	74.318807	6.444	B9III	3774	82327		Draco	446.57451	-0.083		
3794	HIP 47145	144.1059	-48.75117	6.23	A8VSrCrEu	3831	83368		Vela	236.23207	0.277	6.5	6.54
3795	HIP 47168	144.1785	31.161759	5.56	M2III	3820	83069		Leo	474.52577	1.594		
3796	HIP 47172	144.1928	-52.94366	6.177	K0III	3837	83465		Vela	388.09662	1.051		
3797	HIP 47175	144.2064	-49.35502	4.35	A7V	3836	83446		Vela	107.41345	0.173		
3798	HIP 47187	144.2508(	-25.29675	5.68	K0III	3830	83332		Antlia	292.63922	1.116		
3799	HIP 47189	144.2607	16.437951	5.732	K1III	3826	83189	8 Leo	Leo	953.21782	1.223		
3800	HIP 47193	144.2720	81.32638(	4.255	K3II-III	3751	81817		Draco	1075.9079	1.488		
3801	HIP 47199	144.2912	-32.17867	5.63	K1III	3833	83380		Antlia	267.43257	1.023		
3802		144.3027	-53.6685	6.1	~	3840	83520A		Vela	233.69188	0.137		
3803	HIP 47204	144.3027	-53.66850	5.467	A2/3V	3840	83520		Vela	233.69188	0.137		
3804		144.3027	-53.66832	6.26	~	3840	83520B		Vela	233.69188	0.137		
3805	HIP 47205	144.3028	6.8358224	5.009	K1III	3827	83240	10 Leo	Leo	225.60577	1.051		
3806	HIP 47224	144.3683	-36.09599	5.95	K2III	3835	83441		Antlia	337.12650	1.118		
3807	HIP 47231	144.4062	60.213682	6.41	G5		82969		UrsaMajo	320.55069	0.921		
3808	HIP 47242	144.4413	-3.170639	6.46	K0III		83352	166 G. Hy	Hydra	451.52320	0.986		
3809	HIP 47249	144.4646	-9.424448	6.39	A0Vp	3832	83373	34 Hya	Hydra	374.71432	-0.04		
3810	HIP 4726(	144.4841	73.080393	6.38	F2V	3806	82685		Draco	226.86152	0.352		

3811		HIP 47267	144.5060	-43.19094	5.5	G8IIIBa1.5	3842	83548		Vela	484.3970	0.985	
3812		HIP 47300	144.5907	40.23979	5.276	F0V	3829	83287	42 Lyn	Lynx	125.1439	0.223	
3813		HIP 47310	144.6137	4.649292	4.68	K3III	3834	83425	2 Sex	Hydra	273.9496	1.31	
3814		HIP 47391	144.8375	-61.32804	4.498	B9IV/V	3856	83944		Carina	223.7475	-0.07	
3815		HIP 47401	144.8661	67.27222	5.947	K5	3824	83126		UrsaMajo	543.3346	1.528	
3816		HIP 47422	144.9380	-62.94292	6.403	B8/9III/IV(w)		84046		Carina	623.3285	-0.084	
3817		HIP 47427	144.9475	-10.57027	6.32	A0V	3846	83650	37 Hya	Hydra	1097.642	-0.029	
3818	Ukdah	HIP 47431	144.9640	-1.142810	3.91	K2.5III	3845	83618	ι Hydrae	Hydra	275.5708	1.313	
3819		HIP 47452	145.0765	-14.33228	5.052	B3/5IV/V	3849	83754	κ Hydrae	Hydra	515.0084	-0.149	
3820		HIP 47454	145.0836	-10.76918	6.356	A2III	3848	83731	172 G. Hy	Hydra	838.0452	0.083	
3821		HIP 47479	145.1773	-57.98350	5.307	A3IV	3863	84121		Carina	219.5288	0.195	
3822		HIP 47498	145.2592	-57.25951	5.794	K0/1III	3864	84152		Carina	362.2219	1.083	
3823	Subra	HIP 47508	145.2876	9.892307	3.52	F8-G0III+A	3852	83808	ο Leonis	Leo	135.1576	0.516	
3824		HIP 47521	145.3197	55.86649	6.49	K1IIIbCN1		83564		UrsaMajo	412.1358	1.15	
3825		HIP 47522	145.3208	-23.59151	4.76	B5V	3858	83953		Hydra	496.9513	-0.117	
3826		HIP 47544	145.3963	31.27781	5.84	K6III	3850	83787	DR Leo	Leo	942.1957	1.579	5.84 5.98
3827		HIP 47550	145.4103	25.91287	6.249	K2III:	3853	83821	13 Leo	Leo	540.6288	1.251	
3828		HIP 47559	145.4496	-55.21376	5.98	B4IV	3868	84228		Vela	2694.214	-0.119	
3829		HIP 47570	145.5014	39.75785	5.61	G8III	3851	83805	43 Lyn	Lynx	339.9366	0.951	
3830		HIP 47591	145.5540	-66.91481	6.32	A0V		84416	V486 Car	Carina	591.6511	0.075	
3831		HIP 47592	145.5600	-23.91556	4.94	F9V	3862	84117		Hydra	48.51925	0.534	
3832		HIP 47594	145.5617	69.23753	5.717	G9III:	3838	83489		UrsaMajo	478.7083	1.131	
3833		HIP 47627	145.6723	-35.50170	6.383	B9II	3867	84224		Antlia	1417.393	-0.053	
3834		HIP 47631	145.6780	35.09337	6.14	F3V	3857	83951	13 LMi	LeoMinor	173.7740	0.386	
3835		HIP 47633	145.6795	48.43100	6.37	A1V	3854	83869		UrsaMajo	435.2460	0.01	
3836		HIP 47654	145.7382	72.25261	5.142	K0III	3839	83506	27 UMa	UrsaMajo	441.7334	1.029	
3837		HIP 47664	145.7789	54.36370	6.477	A5m	3855	83886		UrsaMajo	299.0826	0.121	
3838		HIP 47694	145.8649	-51.22813	6.168	B6V	3872	84400	IP Vel	Vela	1364.017	-0.098	6.03 6.22
3839		HIP 47701	145.8885	29.97447	5.621	kA1hA2m	3861	84107	15 Leo	Leo	159.1796	0.111	
3840		HIP 47717	145.9259	-53.89128	5.544	A0IV	3875	84461		Vela	354.7337	-0.042	

3841	HIP 47723	145.9329	14.02170	5.35	M2III	3866	84194	ψ Leonis	Leo	713.3469	1.61	
3842	HIP 47758	146.0503	-27.76947	4.79	A7V+G8III	3871	84367	θ Antliae	Antlia	383.9825	0.516	
3843	HIP 47779	146.1250	18.86349	6.47	K0	3869	84252		Leo	464.3871	1.158	
3844	HIP 47791	146.1522	64.98410	6.21	F3Vn	3859	83962		UrsaMajo	350.9163	0.419	
3845	HIP 47854	146.3117	-62.50790	3.75	G5Iab/b	3884	84810	l Car	Carina	1509.259	1.01	3.28 4.18
3846	HIP 47868	146.3416	-30.20274	6.45	B0IV	3878	84567		Antlia	8358.969	-0.137	
3847	HIP 47884	146.3791	78.13470	6.236	K2III	3843	83550		Draco	1012.422	1.353	
3848	HIP 47893	146.4192	-57.18604	6.471	B8III	3883	84809	V487 Car	Carina	869.3347	-0.108	
3849	HIP 47908	146.4628	23.77425	2.98	G1IIIa	3873	84441	ϵ Leonis	Leo	250.5767	0.808	
3850	HIP 47913	146.4821	-58.79382	6.211	F5III/IV	3887	84850		Carina	263.7539	0.461	
3851	HIP 47943	146.5418	6.708556	5.79	M1III	3876	84542	5 G. Leo	Leo	1041.534	1.639	
3852	HIP 47956	146.5859	-76.77611	5.44	G8III	3902	85396	v Chamae	Chamaele	191.2023	0.901	
3853	HIP 47959	146.5971	11.81004	5.644	K4III	3877	84561	18 Leo	Leo	701.0762	1.489	
3854	HIP 47960	146.5983	1.785587	5.64	F0/2IV	3879	84607		Sextans	273.4899	0.342	
3855	HIP 47963	146.6265	-44.75505	5.55	B2V	3886	84816		Vela	1436.125	-0.176	
3856	HIP 47965	146.6319	57.12806	5.2	M3III	3870	84335	44 Lyn	UrsaMajo	556.3126	1.594	6.78 6.94
3857	HIP 48002	146.7755	-65.07200	2.99	A9	3890	85123	υ Carinae	Carina	1621.889	0.273	
3858		146.7781	-65.07286	5.99	B7III	3891	85124	* ups Car	Carina		0.99	
3859	HIP 48017	146.8250	79.13663	6.09	F0V:	3847	83727		Draco	416.3477	0.303	
3860	HIP 48023	146.8424	23.64768	6.49	K0		84680		Leo	642.9993	1.093	
3861	HIP 48029	146.8581	11.56816	6.445	A7Vn	3880	84722	19 Leo	Leo	292.6392	0.255	
3862	HIP 48113	147.1473	46.02100	5.1	G0.5Va	3881	84737	15 LMi	UrsaMajo	60.08117	0.619	
3863	HIP 48119	147.1666	-56.41189	6.047	K0III	3895	85250		Vela	331.9757	0.937	
3864	HIP 48191	147.3670	-37.18676	5.946	K2III	3892	85206		Antlia	406.9915	1.245	
3865	HIP 48218	147.4587	21.17942	6.077	A7IVn	3889	85040	20 Leo	Leo	514.1967	0.257	6.08 6.12
3866	HIP 48219	147.4639	-36.26846	6.362	K0III	3897	85296		Antlia	555.3672	1.008	
3867	HIP 48224	147.4880	-45.73273	5.084	B7III	3898	85355		Vela	855.6427	-0.098	
3868	HIP 48266	147.5982	65.59322	6.262	A9Vn	3885	84812		UrsaMajo	306.1033	0.29	
3869	HIP 48287	147.6747	-46.93391	5.711	K0IIICNIb	3904	85483		Vela	597.0692	1.085	
3870	HIP 48310	147.7315	-62.74511	5.56	K1IIICNII	3914	85656		Carina	958.8250	1.316	

3871		HIP 48319	147.74732	59.03873	3.81	F0	3888	84999	υ Ursae M	UrsaMajo	114.9317	0.29	3.68	3.86
3872		HIP 48320	147.7533	-80.06104	6.49	B8IV		86320		Chamaele	702.5856	0.074		
3873		HIP 48324	147.7582	13.06623	6.45	M0III	3896	85268	23 Leo	Leo	1852.273	1.624		
3874		HIP 48339	147.8003	-59.42577	5.778	K2IIICNIV/	3913	85655		Carina	745.9958	1.354		
3875		HIP 48341	147.8084	-4.243350	6.016	A4V	3899	85364	6 Sex	Sextans	199.8775	0.171		
3876		HIP 48348	147.8321	-46.19382	5.617	K2III	3910	85563		Vela	334.7010	1.166		
3877		HIP 48351	147.8400	-6.181925	6.42	G1V	3901	85380		Sextans	145.2115	0.577		
3878	Zhang	HIP 48356	147.8694	-14.84662	4.11	G7III	3903	85444	υ 1 Hydra	Hydra	273.4899	0.918		
3879		HIP 48374	147.9194	-46.54762	4.58	G6IIa	3912	85622		Vela	1083.057	1.172		
3880		HIP 48396	147.9980	-16.53479	6.074	K0III	3908	85519	179 G. Hy	Hydra	394.6720	1.035		
3881		HIP 48402	148.0264	54.06433	4.557	A3IV	3894	85235	ϕ Ursae M	UrsaMajo	436.4130	0.038		
3882		HIP 48413	148.0499	0.075602	6.329	K0III	3907	85505		Sextans	427.8230	0.934		
3883		HIP 48437	148.1268	-8.105009	5.43	A1V	3909	85558	* gam Sex	Sextans	261.4276	0.038		
3884		HIP 48437	148.1269	-8.104960	6.4	A4V	3909	85558	* gam Sex	Sextans	261.4276	0.038		
3885	Rasalas	HIP 48455	148.1909	26.00695	3.88	K2IIIbCN1	3905	85503	μ Leonis	Leo	132.9526	1.222		
3886		HIP 48468	148.2417	-27.33217	6.29	G1V	3916	85725		Antlia	186.1793	0.622		
3887		HIP 48469	148.2503	-55.37320	6.491	B1IIIn	3920	85871	QZ Vel	Vela	7086.949	-0.145		
3888		HIP 48519	148.4288	5.958576	5.95	M2III	3915	85709		Sextans	1399.143	1.662		
3889		HIP 48527	148.4587	-51.14670	5.932	B2.5III	3924	85953	V335 Vel	Vela	1706.806	-0.152		
3890		HIP 48559	148.5513	-25.93233	4.88	K2+IIICN0	3919	85859		Hydra	335.7377	1.199		
3891		HIP 48561	148.5735	-45.28351	5.81	B5V	3925	85980		Vela	844.5587	-0.114		
3892		HIP 48584	148.6325	-22.48745	6.213	A1IVn	3921	85905	182 G. Hy	Hydra	457.2216	0.052		
3893		HIP 48613	148.7134	-50.24396	5.705	A0V	3927	86087		Vela	318.9826	0.006		
3894	Felis	HIP 48615	148.7175	-19.00933	4.94	K5III	3923	85951		Hydra	705.6272	1.559		
3895		HIP 48638	148.7639	61.11612	6.286	K0	3911	85583		UrsaMajo	388.5595	1.036		
3896		HIP 48682	148.9291	49.81984	5.269	A3III	3917	85795	31 UMa	UrsaMajo	222.5257	0.086		
3897		HIP 48706	149.0222	-40.82454	6.392	M1III	3930	86211		Vela	840.2066	1.612		
3898		HIP 48715	149.0405	-71.38929	6.33	B1Ib	3944	86606		Carina	2050.315	-0.056		
3899		HIP 48730	149.0912	-51.33615	6.377	B2/3III/IV	3935	86352		Vela	4657.139	-0.162		
3900		HIP 48734	149.1082	8.933155	5.848	K2III:	3926	86080	10 Sex	Leo	673.5553	1.129		

3901	HIP 48748	149.1478	-33.41849	5.818	K1III	3932	86267		Antlia	479.4125	1.202	
3902	HIP 48763	149.1951	-26.54967	6.28	A6V	3931	86266	185 G. Hy	Hydra	226.5462	0.219	
3903	HIP 48774	149.2155	-54.56778	3.45	B5Ib	3940	86440	ϕ Velorum	Vela	1928.994	-0.067	
3904	HIP 48776	149.2253	-27.47515	6.312	A4V	3933	86301	BF Ant	Antlia	502.3107	0.173	6.32 6.33
3905	HIP 48782	149.2492	-69.10180	6.178	B3V	3949	86659	V492 Car	Carina	1086.665	-0.1	
3906	HIP 48799	149.2955	-52.63878	6.115	B3III	3941	86466	IV Vel	Vela	3431.575	-0.115	5.99 6.003
3907	HIP 48802	149.3067	57.41820	5.959	G6III:Fe-0	3922	85945		UrsaMajo	466.3822	0.895	
3908	HIP 48833	149.4210	41.05563	5.104	F6V	3928	86146	19 LMi	LeoMinor	94.19252	0.481	
3909	HIP 48835	149.4274	-48.41408	6.05	B2V	3943	86523		Vela	3790.696	-0.127	
3910	HIP 48839	149.4329	-1.941752	6.46	K0/1III		86341		Sextans	276.0373	0.7	
3911	HIP 48861	149.4868	45.41430	6.324	K0III	3929	86166		UrsaMajo	417.9484	1.096	
3912	HIP 48876	149.5317	8.313977	6.033	K3III	3938	86369	11 Sex	Leo	538.8423	1.357	
3913	HIP 48883	149.5557	12.44480	5.26	B6IV	3937	86360	ν Leonis	Leo	529.2220	-0.035	
3914	HIP 48893	149.5947	72.87947	5.835	K3III:	3918	85841		UrsaMajo	370.0329	1.155	
3915	HIP 48895	149.6084	27.75899	6.46	F2V	3936	86358	HN Leo	Leo	217.6236	0.362	6.44 6.51
3916	HIP 48926	149.7178	-35.89097	5.222	F1V	3947	86629	η Antliae	Antlia	106.2929	0.3	
3917	HIP 48943	149.7762	-23.95076	6.25	B5IVe	3946	86612	OY Hya (1	Hydra	628.1305	-0.101	
3918	HIP 48982	149.9008	29.64523	5.744	G9III:	3942	86513		Leo	324.3782	1.059	
3919	HIP 49005	149.9653	56.81180	5.485	K5III	3939	86378		UrsaMajo	510.1738	1.487	
3920	HIP 49029	150.0533	8.044219	4.7	M2-III	3950	86663	π Leonis	Leo	524.9612	1.589	
3921	HIP 49065	150.1824	-82.21467	5.52	A0IV	3983	87971	μ 1 Cham	Chamaele	399.0208	0.035	
3922	HIP 49081	150.2527	31.92367	5.37	G3VaHdel	3951	86728	20 LMi	LeoMinor	48.55543	0.676	
3923	HIP 49092	150.2999	-56.09656	6.412	B8		87122		Vela	867.0201	-0.013	
3924	HIP 49137	150.4196	-53.36411	6.181	B2/3IV/V	3955	87152		Vela	1442.478	-0.137	
3925	HIP 49160	150.4918	-57.34978	6.191	K1II	3957	87238		Carina	752.8874	1.108	
3926	HIP 49164	150.5004	-60.42089	5.928	F0II	3960	87283		Carina	3196.079	0.263	
3927		150.553	-60.041	4.2	Open Cluster			NGC 3114	Carina			
3928	HIP 49220	150.7039	21.94925	5.663	B2V	3952	87015	EO Leo	Leo	1582.525	-0.178	
3929	HIP 49223	150.7058	-62.15666	6.371	K3Ib	3967	87438		Carina	2762.714	1.688	
3930	HIP 49233	150.7497	-60.17867	6.19	A6II/III	3966	87436		Carina	3227.723	0.175	

3931		HIP 49259	150.8357	-46.63618	6.101	A0V	3964	87363		Vela	300.4609	0.041		
3932			150.8921	-61.88404	6.35	~	3971	87543A		Carina	1734.043	-0.032		
3933		HIP 49293	150.9207	-9.573790	6.097	M0+III	3959	87262		Sextans	1258.686	1.671		
3934	Chalawan	HIP 53721	150.9911	40.43025	5.05	G0 V	4277	95128		UrsaMajo	45.92283	0.61		
3935		HIP 49321	151.0117	-18.10140	6.228	B8V	3963	87344	192 G. Hy	Hydra	477.3065	-0.06		
3936		HIP 49329	151.0351	3.201054	6.429	F3V	3961	87301	13 Sex	Sextans	179.1210	0.398		
3937		HIP 49339	151.0872	-24.28554	5.701	F0V	3965	87427	193 G. Hy	Hydra	255.4859	0.303		
3938		HIP 49343	151.0973	-39.97586	6.409	K1III	3968	87477		Antlia	636.7206	1.311		
3939		HIP 49363	151.1513	53.89171	5.708	F5V	3954	87141		UrsaMajo	154.1370	0.507		
3940		HIP 49394	151.2576	-51.31361	6.24	B8/9III		87652		Vela	531.8105	-0.054		
3941		HIP 49402	151.2811	-13.06462	4.588	B8V	3970	87504	υ 2 Hydra	Hydra	276.9755	-0.087		
3942		HIP 49408	151.2932	52.37131	6.35	A5IV	3958	87243		UrsaMajo	329.9610	0.135		
3943		HIP 49418	151.3136	-36.38438	6.268	K1III	3972	87606		Antlia	421.7333	1.112		
3944		HIP 49445	151.4205	15.75750	6.36	F2Vn	3969	87500		Leo	371.7216	0.387		
3945		HIP 49477	151.5300	-52.18793	6.492	K1III	3978	87816		Vela	393.7201	0.997	6.49	6.52
3946			151.5467	-47.36999	5.22	~	3976	87783A		Vela	258.1158	0.88		
3947		HIP 49530	151.6976	5.611492	6.187	K1III	3973	87682	14 Sex	Sextans	345.3384	0.939		
3948		HIP 49569	151.7895	-17.14173	5.582	K5III-IIIb	3977	87808	195 G. Hy	Hydra	343.1575	1.49		
3949		HIP 49583	151.8331	16.76266	3.41	A0Ib	3975	87737	η Leonis	Leo	2130.720	-0.031		
3950		HIP 49593	151.8573	35.24469	4.49	A7V(n)	3974	87696	21 LMi	LeoMinor	91.11247	0.19		
3951		HIP 49619	151.8988	-48.26081	6.384	B3V		88015		Vela	1298.804	-0.15		
3952	Yunü (Yun	HIP 49637	151.9761	9.997506	4.38	K3.5IIIbFe	3980	87837	31 Leo	Leo	274.1801	1.448		
3953		HIP 49641	151.9845	-0.371670	4.49	A0III	3981	87887	α Sextanti	Sextans	287.2246	-0.032		
3954		HIP 49642	151.9859	-62.22141	6.44	ApSi		88158	V495 Car	Carina	817.0443	-0.095		
3955		HIP 49645	152.0068	-37.33345	6.327	K0III	3984	88013		Antlia	589.5125	0.98		
3956		HIP 49658	152.0661	31.60405	6.23	F4V	3979	87822		LeoMinor	206.3290	0.469		
3957	Regulus	HIP 49669	152.0929	11.96720	1.4	B8IVn	3982	87901	α Leonis	Leo	79.02003	-0.087		
3958		HIP 49688	152.1430	83.91838	6.31	K0	3934	86321		Camelopa	883.4700	1.549		
3959		HIP 49689	152.1475	-15.61193	6.244	A0V	3986	88025	197 G. Hy	Hydra	578.0145	-0.007		
3960		HIP 49698	152.1781	-65.81547	5.258	K0III	3995	88323		Carina	341.3612	0.973		

3961	HIP 49712	152.2343	-51.81126	4.845	B3III/IV	3990	88206		Vela	1083.057	-0.12		
3962	HIP 49751	152.3412	-61.54900	5.71	K5-M6e	3999	88366	S Car	Carina	1319.837	1.5	4.5	9.9
3963		152.3761	-68.68284	6.47	~	4002	88473A		Carina	583.1848	0.015		
3964	HIP 49769	152.3823	-35.85677	6.13	G0V	3992	88218		Antlia	100.1537	0.615		
3965	HIP 49802	152.4853	-12.09530	6.23	A5III	3988	88182	199 G. Hy	Hydra	259.3477	0.184		
3966	HIP 49809	152.5245	-12.81592	5.296	F3V	3991	88215	200 G. Hy	Hydra	89.04661	0.368		
3967	HIP 49812	152.5314	-8.408169	5.901	A0V	3989	88195	17 Sex	Sextans	526.6564	0.026		
3968	HIP 49841	152.6470	-12.35412	3.61	K0IIIbCN0	3994	88284	λ Hydrae	Hydra	114.6271	1.007		
3969	HIP 49844	152.6571	-41.71524	5.965	K2/3III	4001	88399		Vela	222.8298	1.239		
3970	HIP 49865	152.7327	-8.418459	5.618	K2/3III	3996	88333	18 Sex	Sextans	473.1500	1.304		
3971	HIP 4987(	152.7457	40.66160	6.335	K3III:	3987	88161		LeoMinor	595.9771	1.277		
3972	HIP 49893	152.8032	37.40189	5.842	K3III	3993	88231		LeoMinor	602.5884	1.282		
3973	HIP 4990(	152.8240	-7.316621	6.225	A0V	4000	88372		Sextans	483.6798	0.026		
3974	HIP 49926	152.8977	-58.82776	6.4	M3III	4007	88647	V368 Car	Carina	754.6283	1.647	6.1	6.4
3975	HIP 49929	152.9092	13.35511	6.427	F6V	3998	88355	34 Leo	Leo	224.9827	0.468		
3976	HIP 49934	152.9435	-58.06054	5.75	B5Vne	4009	88661		Carina	1293.649	-0.118	5.63	5.83
3977	HIP 49967	153.0118	-28.60595	6.28	A0V	4003	88522		Antlia	509.3751	0.019		
3978	HIP 49994	153.0955	-52.16324	6.147	K2IIICNII	4010	88693		Vela	334.3587	1.168		
3979	HIP 50013	153.1581	-19.15304	6.46	F7V	4005	88595	204 G. Hy	Hydra	137.2633	0.494		
3980	HIP 50027	153.2015	4.614677	5.781	K0III:	4004	88547	19 Sex	Sextans	526.6564	1.178		
3981	HIP 50044	153.2547	-59.91808	6.087	B5(III)e	4018	88825		Carina	1975.759	-0.072		
3982	HIP 50066	153.3310	-27.02891	6.21	A9mA8-F3	4011	88699	205 G. Hy	Hydra	408.5205	0.316		
3983	HIP 50067	153.3382	-61.65883	6.41	B3V	4022	88907		Carina	1021.945	-0.111		
3984	HIP 50069	153.3428	-56.58669	6.46	K2III		88862		Vela	821.1584	1.45		
3985	HIP 5007(	153.3451	-51.23296	5.265	F0IV	4017	88824	LW Vel	Vela	162.5123	0.257	5.24	5.29
3986	HIP 50075	153.3530	-33.03172	6.38	G0V	4013	88742		Antlia	74.12461	0.592		
3987		153.3666	-51.75579	5.88	~	4020	88842A		Vela	318.0489	0.136		
3988	HIP 50083	153.3776	-66.37281	5.141	A4mA6-F(	4025	88981		Carina	303.5383	0.217		
3989	HIP 50099	153.4342	-70.03790	3.33	B7III	4037	89080	ω Carinae	Carina	370.0329	-0.074		
3990	HIP 50103	153.4413	-40.34602	5.893	K1III	4015	88809		Antlia	450.2778	1.204		

3991		HIP 50109	153.4571(	27.13582	6.05	G3IIIbFe-1	4006	88639		Leo	388.5595	0.844		
3992		HIP 50122	153.4856	-40.31077	6.325	G8III	4019	88836		Antlia	448.4196	0.94		
3993		HIP 50142	153.5373	-23.81394	6.357	M1III		88806	206 G. Hy	Hydra	1336.065	1.639		
3994		HIP 50191	153.6839	-42.12194	3.85	A2Va	4023	88955		Vela	102.7744	0.051		
3995		HIP 50218	153.7764	31.46806	6.46	~	4014	88786	22 LMi	LeoMinor	763.4662(	0.858		
3996		HIP 50222	153.7819	59.98554(	6.25	M0IIIv	4008	88651	U UMa	UrsaMajo	1743.314	1.621	6.2	6.25
3997		HIP 50232	153.8193	-54.97420	6.134	B2IV	4038	89104		Vela	1423.580	-0.155		
3998		HIP 50234	153.8369(	-36.51771	6.158	K0III	4029	89015		Antlia	367.1185	1.058		
3999		HIP 50241	153.8814	-43.11236	5.561	K4III	4036	89062		Vela	544.2409(	1.52		
4000		HIP 50287	154.0133	-59.90340	6.22	A5V	4043	89263		Carina	270.0911(	0.194		
4001		HIP 50292	154.0374	-11.20341	6.075	K0IIICNII/I	4034	89033		Sextans	641.7312	1.096		
4002		HIP 50303	154.0601	29.31047	5.488	A2IV	4024	88960	23 LMi	LeoMinor	257.3008	0.02		
4003		HIP 50316	154.1170	28.68248	6.465	G2V	4027	88986	24 LMi	LeoMinor	104.3200	0.635		
4004		HIP 50332	154.1672	-51.20463	6.3	M4/5III	4045	89273	GY Vel	Vela	699.5701	1.435	6.23	6.5
4005		HIP 50333	154.1697	13.72833	5.41	M1III	4035	89056	37 Leo	Leo	499.2333	1.65		
4006	Adhafera	HIP 50335	154.1725(	23.41731	3.41	F0IIIa	4031	89025	ζ Leonis	Leo	259.5541	0.307		
4007		HIP 50336	154.1739	25.37071	5.84	K2III	4032	89024		Leo	314.9761(	1.206		
4008		HIP 50371	154.2707	-61.33230	3.35	K2.5II	4050	89388	V337 Car	Carina	735.8931	1.541	3.36	3.44
4009	Tania Bore	HIP 50372	154.2740	42.91441	3.45	A1IV	4033	89021	λ Ursae M	UrsaMajo	134.3221	0.029		
4010		HIP 50384	154.3105	23.10621	5.82	F6V	4039	89125	39 Leo	Leo	74.07407	0.5		
4011		HIP 50391	154.3340	-46.83493	6.48	A8V+F3/5		89328		Vela	202.8627(	0.329		
4012		HIP 50414	154.4075	-8.068913	5.24	F0IV	4042	89254	ϵ Sextanti	Sextans	182.5307	0.336		
4013		HIP 50448	154.5084	65.10835	5.76	A8III	4026	88983	32 UMa	UrsaMajo	249.4262	0.163		
4014		HIP 50456	154.5316	-28.99199	5.53	B9.5Ib/II	4049	89353		Antlia	2173.335	0.277	5.29	5.83
4015		HIP 50480	154.6176	-41.66848	5.957	B9V	4056	89461		Vela	550.6761	-0.063		
4016		HIP 50492	154.6577	-36.80456	6.306	K2/3III	4053	89442		Antlia	608.2086	1.282		
4017		HIP 50493	154.6579	-56.11039	5.8	F6V	4061	89569		Vela	116.8042	0.481		
4018		HIP 50509	154.7446	46.76077	6.4	K1III	4044	89268		UrsaMajo	829.5170	1.19		
4019		HIP 50516	154.7529	24.71213	6.4	K0	4048	89344		Leo	1172.661	1.388		
4020		HIP 50520	154.7699(	-64.67578	6.46	~	4065	89715B		Carina	291.5921	0.042		

4021		HIP 5052(	154.7711:	-64.67625	5.67	A1V	4065	89715		Carina	291.5921:	0.042		
4022			154.7711-	-64.67625	6.25	~	4065	89715A		Carina	291.5921:	0.042		
4023		HIP 5053(	154.8202(	-12.52812	6.027	A8III	4055	89455	209 G. Hy	Hydra	217.18878	0.258		
4024		HIP 5055:	154.8847(	-5.106147	6.361	K0IV	4059	89490		Sextans	292.63922	0.894		
4025		HIP 5055:	154.9031:	-55.02930	4.543	K2.5II	4063	89682	GZ Vel	Vela	1488.585(	1.6	3.43	3.81
4026		HIP 5056:	154.9251:	-65.13723	6.3	K2II		89805		Carina	2000.000!	1.556		
4027		HIP 5058:	154.9931:	19.84148!	2.37	K1-III+G7I	4057	89484	γ 1 Leonis	Leo	125.57785	1.128		
4028	Algieba	HIP 5058:	154.9931-	19.84148(	1.98	K1-IIIFe-1	4057	89484	* gam01 L	Leo	125.57785	1.128		
4029		HIP 5058-	154.9978:	-9.059003	6.308	F0V	4060	89565		Sextans	173.68146	0.338		
4030		HIP 5060(	155.0616!	53.77941:	6.453	F8V	4051	89389		UrsaMajo	99.694097	0.58		
4031		HIP 5060!	155.0696-	-47.69909	5.614	K5/M0III	4066	89736		Vela	2694.214!	1.667		
4032		HIP 5063!	155.1297!	54.216838	6.012	K3III:	4052	89414		UrsaMajo	457.22168	1.128		
4033		HIP 5067(	155.2283:	-56.04323	4.51	B5II	4074	89890	MV Vel	Vela	1393.161!	-0.102	4.49	4.55
4034		HIP 5068!	155.2639:	68.747653	5.9	A7Vn	4047	89343	EN UMa	UrsaMajo	410.0625(	0.241	5.83	5.88
4035		HIP 5069:	155.2831(	-17.98495	6.499	F3IV	4068	89747		Hydra	189.09507	0.402		
4036		HIP 5072!	155.3694:	-23.71083	6.469	A4IV/V	4071	89816	213 G. Hy	Hydra	373.42662	0.193		
4037		HIP 5075!	155.4595!	14.975773	6.163	A1V	4070	89774	42 Leo	Leo	475.91127	0.018		
4038		HIP 5078!	155.5434:	-58.26556	6.35	G6III		90074		Carina	342.79565	0.884		
4039		HIP 5078(	155.5440(	41.22953(	5.72	F7V	4067	89744		UrsaMajo	127.20103	0.529		
4040		HIP 5079(	155.5539(	-19.86657	6.13	A0V	4076	89911	217 G. Hy	Hydra	704.10484	0.035		
4041		HIP 5079!	155.5816(	-41.64996	4.83	K1III	4080	89998		Vela	200.49203	1.095		
4042	Tania Aust	HIP 5080:	155.5821!	41.499538	3.05	M0III	4069	89758	μ Ursae M	UrsaMajo	183.24754	1.59		
4043		HIP 5084!	155.7422:	-66.90149	4.99	B8V	4089	90264		Carina	429.51168	-0.128		
4044		HIP 5085:	155.7518(	6.542643:	6.08	K3III	4077	89962	43 Leo	Leo	229.2547(	1.119		
4045		HIP 5086(	155.7763:	33.908142	5.9	A5IVn	4075	89904	27 LMi	LeoMinor	229.90148	0.147		
4046		HIP 5086!	155.8047!	-30.16226	6.25	A9IV	4083	90071		Antlia	174.98676	0.304		
4047		HIP 5088!	155.8603:	-4.074032	5.97	ApSiCr	4082	90044	25 Sex	Sextans	351.29447	-0.048	5.94	5.98
4048		HIP 5088!	155.8682(	-0.902247	6.441	K0IV		90043	24 Sex	Sextans	243.93245	0.958		
4049		HIP 5088!	155.8720(	-38.00984	5.329	A8V	4086	90132		Antlia	131.98376	0.251		
4050		HIP 5089:	155.8860(	-3.642853	6.42	M0/1III		90057		Sextans	1202.9534	1.601		

4051	HIP 50903	155.9192(	-41.95319	6.242	G8IV	4087	90170		Vela	232.02863	0.884		
4052	HIP 50904	155.9239	29.61585	6.367	G5III?	4078	89993		LeoMinor	374.2840(	1.09		
4053	HIP 50916	155.9609(	-57.95393	6.325	K4III	4091	90289		Carina	793.18763	1.517		
4054	HIP 50933	156.0326	65.56642	4.93	A1:VpSiSr	4072	89822	ET UMa	UrsaMajo	300.73804	-0.052	4.91	4.96
4055	HIP 50935	156.0358	33.71852	5.503	K1III	4081	90040	28 LMi	LeoMinor	409.03561	1.186		
4056	HIP 50939	156.0549(	2.368017	6.31	K0/1III	4085	90125		Sextans	327.6399(	0.991		
4057	HIP 50954	156.0987	-74.03161	4.01	F3V	4102	90589		Carina	52.861903	0.369		
4058	HIP 50976	156.1854(	-73.97173	6.174	A2/3V	4105	90630		Carina	440.54026	0.071		
4059	HIP 50993	156.2475	-58.57630	5.93	F2II/III	4095	90454		Carina	296.90363	0.315		
4060	HIP 51008	156.3133	8.784843	5.61	M3III	4088	90254	44 Leo	Leo	704.10484	1.63	5.6	5.67
4061	HIP 51014	156.3217	-42.46740	6.18	G8III	4093	90393		Vela	586.33078	1.006		
4062	HIP 51046	156.4344(	-7.059826	5.56	K6IIIFe-0.5	4092	90362		Sextans	328.9602(	1.528		
4063	HIP 51047	156.4371	35.42542	6.47	K1III		90250	29 LMi	LeoMinor	412.65747	1.089		
4064	HIP 51056	156.4783	33.79611	4.718	F0VmF3/4	4090	90277	30 LMi	LeoMinor	206.85294	0.26		
4065	HIP 51069	156.5226(	-16.83628	3.81	K4III	4094	90432	μ Hydrae	Hydra	248.0975(	1.456		
4066	HIP 51077	156.5409(	-42.73849	6.126	K1III	4099	90518		Vela	331.63666	1.129		
4067	HIP 51117	156.6538	-0.988056	6.305	K3III		90473	26 Sex	Sextans	754.62834	1.443		
4068	HIP 51140	156.7038	-54.87730	5.546	K3II/III	4107	90677		Vela	1598.0395	1.556		
4069	HIP 51161	156.7520	19.36453	6.132	K0	4097	90472		Leo	328.62768	1.141		
4070	HIP 51172	156.7879	-31.06777	4.25	K3III	4104	90610	α Antliae	Antlia	366.29374	1.429		
4071	HIP 51192	156.8519(	-57.63880	4.7	A9/F0Ia/a	4110	90772	V399 Car	Carina	6554.5919	0.474	4.64	4.71
4072	HIP 51194	156.8553	-65.70466	5.991	A2V	4115	90874		Carina	229.25469	0.091		
4073	HIP 51200	156.8668	41.60099	6.007	A3V	4096	90470		UrsaMajo	216.03734	0.166		
4074		156.867	-57.626	4.3	Open Cluster			IC 2581	Carina				
4075	HIP 51213	156.9124	9.762391	6.04	B9.5IV-Vp	4101	90569	45 Leo	Leo	384.88878	-0.043	5.97	6.15
4076	HIP 51232	156.9697(	-58.73940	3.81	F2II	4114	90853		Carina	1041.5345	0.317		
4077	HIP 51233	156.9708	36.70721	4.21	G9III	4100	90537	β Leonis M	LeoMinor	145.92678	0.908		
4078	HIP 51245	157.0087	-49.40580	6.086	K4III	4111	90798		Vela	920.9047(	1.506		
4079		157.0161	48.78490	6.5	~	4098	90508A		UrsaMajo	76.796175	0.61		
4080	HIP 51265	157.0760	-63.16456	6.426	B2/3(III)ne		90966	V507 Car	Carina	2037.5007	-0.039		

4081	HIP 5129(	157.1521(	45.21221	6.357	K0	4103	90602		UrsaMajo	763.4661(	1.33		
4082	HIP 51302	157.1831(	-3.742391	6.032	A0V	4109	90763		Sextans	243.64728	0.059		
4083	HIP 51313	157.2190(	-64.17227	5.27	M0III	4120	91056		Carina	3134.615(	1.856		
4084	HIP 51327	157.2656(	-65.17624	6.418	M1III		91094		Carina	626.9243:	1.675		
4085	HIP 51362	157.3695(	-2.739075	5.18	B9V	4116	90882	δ Sextanti	Sextans	299.90805	-0.05		
4086	HIP 51364	157.3707:	-29.66383	5.565	K3III	4117	90957	224 G. Hy	Hydra	387.17404	1.42		
4087	HIP 51376	157.3974:	-30.60706	5.56	B9/9.5V	4118	90972	δ Antliae	Antlia	480.82736	-0.041		
4088	HIP 51384	157.4234(	84.25193(	5.51	A9V	4062	89571		Camelopa	132.95262	0.244		
4089	HIP 51401	157.4768:	65.62623:	6.309	K2III:	4106	90633	35 UMa	UrsaMajo	313.1606(	1.141		
4090	HIP 5142(	157.5268(	38.925132	5.784	A4V	4113	90840	32 LMi	LeoMinor	759.90627	0.087		
4091	HIP 51425	157.5366(	-66.98465	6.191	B4V	4129	91272	V655 Car	Carina	1234.8493	-0.004	6.19	6.36
4092	HIP 51437	157.5728(	-0.637031	5.1	B6V	4119	90994	β Sextanti	Sextans	344.60821	-0.138	5	5.1
4093	HIP 51438	157.5838(	-71.99279	4.71	A1V	4138	91375		Carina	258.73032	0.042		
4094	HIP 51448	157.6107:	64.257688	6.09	A7III	4108	90745		UrsaMajo	289.26349	0.178		
4095	HIP 51461	157.6635:	-61.35647	6.401	M2III	4128	91270		Carina	810.94486	1.65		
4096	HIP 5149(	157.7448(	-7.637548	6.2	K4III	4122	91106		Sextans	767.05872	1.377		
4097	HIP 5149(	157.7448:	-7.637549	6.32	~	4122	91106A		Sextans	767.05872	1.377		
4098	HIP 51491	157.7493:	-13.58847	5.58	B9IIIe	4123	91120	225 G. Hy	Hydra	486.56822	-0.028		
4099	HIP 51495	157.7585(	-73.22149	4.92	K4/5III	4142	91496		Carina	964.49743	1.677		
4100	HIP 51502	157.7696:	82.558651	5.252	F4VkF2mF	4084	90089		Camelopa	70.047316	0.399		
4101	HIP 51523	157.8409:	-53.71548	4.89	F9VFe-0.8	4134	91324		Vela	71.303731	0.5		
4102	HIP 51551	157.9528:	-28.23710	6.03	F6/7V	4130	91280	227 G. Hy	Hydra	138.19406	0.501		
4103	HIP 51556	157.9640(	32.379557	5.905	A0Va-	4124	91130	33 LMi	LeoMinor	244.56138	0.114		
4104	HIP 5156(	157.9860(	-45.06965	5.99	B8II:	4136	91356		Vela	477.30656	-0.096		
4105	HIP 51561	157.9875	-45.0681	5.16	~	4135	91355	* s Vel	Vela				
4106	HIP 51561	157.9893:	-45.06671	5.668	B8/A0	4135	91355		Vela	463.06687	-0.194		
4107	HIP 51576	158.0061(	-61.68533	3.27	B4Vne	4140	91465	p Car	Carina	496.95132	-0.089	3.27	3.37
4108	HIP 51585	158.0490:	14.137269	5.46	M1III	4127	91232	46 Leo	Leo	1083.0571	1.696		
4109	HIP 5161(	158.1400:	-44.61850	5.903	G6/8III	4139	91437		Vela	397.07793	0.92		
4110	HIP 51623	158.1992(	-58.66674	6.006	A2Iab/b	4144	91533		Carina	11241.396	0.29		

4111	Shaomin	HIP 51624	158.2027	9.306584	3.87	B1Iab	4133	91316	ρ Leonis	Leo	5719.3134	-0.148	3.83	3.9
4112		HIP 51635	158.2369	-47.00335	5.027	K1/2III	4143	91504		Vela	964.49743	1.045		
4113		HIP 51656	158.3023	-13.40424	6.5	K3III		91434		Hydra	833.75835	1.416		
4114		HIP 51658	158.3078	40.42554	4.715	A7IV	4132	91312		UrsaMajo	111.91225	0.222		
4115		HIP 51676	158.3557	-58.19014	6.26	B6Iab	4147	91619		Carina	13583.349	0.325	6.11	6.21
4116		HIP 51685	158.3787	34.98869	5.58	A2Vn	4137	91365	34 LMi	LeoMinor	527.50731	0.029		
4117		HIP 51718	158.5036	-23.74516	5.06	K5III	4145	91550	44 Hya	Hydra	633.01073	1.596		
4118		HIP 51732	158.5529	-60.98762	6.238	K2/3III	4151	91767		Carina	829.51708	1.399		
4119		HIP 51775	158.7000	6.953750	5.07	G8.5IIIFe-	4146	91612	48 Leo	Leo	318.67066	0.921		
4120		HIP 51795	158.7404	-23.17624	6.098	F6V	4149	91706	231 G. Hy	Hydra	206.85295	0.496		
4121		HIP 51802	158.7590	8.650431	5.79	~	4148	91636	* 49 Leo A	Leo	462.41161	0.059	5.66	5.75
4122		HIP 51808	158.7728	75.71290	4.853	G8III-IIIb	4126	91190		Draco	257.09803	0.957		
4123		HIP 51814	158.7903	57.08263	5.148	F2V	4141	91480	37 UMa	UrsaMajo	86.243332	0.349		
4124		HIP 51816	158.7933	-43.66458	6.1	G7IIICH-3	4154	91805		Vela	900.55251	0.94		
4125		HIP 51821	158.8035	-39.56259	5.38	C-N3	4153	91793	U Ant	Antlia	835.89691	3.015		
4126		HIP 51835	158.8531	-76.30898	6.293	K2III	4170	92209		Chamaele	516.64173	1.205		
4127		HIP 51839	158.8671	-78.60778	4.12	K4III	4174	92305	γ Chamae	Chamaele	413.18233	1.58		
4128		HIP 51849	158.8970	-57.55763	4.43	K3II-IIb	4159	91942		Carina	1375.5281	1.604		
4129		HIP 51852	158.9119	-18.56897	6.479	A5IV/V	4152	91790	233 G. Hy	Hydra	235.03990	0.199		
4130			158.9404	-60.1261	6.3	Open Cluster			C 1033-59	Carina				
4131		HIP 51866	158.9554	-58.22428	6.43	B0I+		91969		Carina	4794.1251	0.009		
4132		HIP 51883	159.0081	80.49462	6.46	G4III:	4121	91075		Draco	427.82299	0.963		
4133		HIP 51905	159.0694	-16.34432	6.012	M1III	4156	91880	ϕ 2 Hydra	Hydra	967.35971	1.638		
4134		HIP 51912	159.0854	-59.56439	5.088	K1III	4164	92063		Carina	268.53380	1.172		
4135		HIP 51914	159.0892	36.32692	6.287	F3V	4150	91752	35 LMi	LeoMinor	150.92599	0.436		
4136		HIP 51933	159.1349	-12.23012	5.71	F8V	4158	91889	236 G. Hy	Hydra	80.157244	0.528		
4137		HIP 51979	159.3071	-27.41263	4.89	M1III:Ba0	4162	92036		Hydra	479.41252	1.626		
4138		HIP 51984	159.3171	-53.85525	6.417	B3V		92155		Vela	1654.8222	-0.15		
4139		HIP 51986	159.3256	-48.22566	3.84	kA5hF0Vp	4167	92139	p Vel	Vela	86.449371	0.3		
4140		HIP 52004	159.3627	-58.73333	5.45	A0Ia	4169	92207		Carina	8150.0029	0.5	5.45	5.52

4141	HIP 52009	159.3886	-13.38454	4.82	C-N5	4163	92055	U Hya	Hydra	527.5073	2.8	7	9.4
4142	HIP 52032	159.4677	34.07863	6.4	K0		92000	36 LMi	LeoMinor	1185.453	1.364		
4143	HIP 52043	159.5110	-57.2563	5.876	B3IV	4173	92287	V514 Car	Carina	1278.432	-0.128		
4144	HIP 52085	159.6456	-16.8765	4.903	G8IIIb	4171	92214	ϕ 3 Hydra	Hydra	224.5179	0.922		
4145	HIP 52098	159.6800	31.97623	4.677	G2.5IIIa	4166	92125	37 LMi	LeoMinor	473.8379	0.823		
4146	HIP 52102	159.6874	-59.1829	4.87	K4/5(III)	4177	92397		Carina	1852.273	1.562		
4147	HIP 52103	159.6890	-59.2624	6.48	B4/5III/IV		92399		Carina	1502.303	-0.098		
4148	HIP 52112	159.7096	-42.7534	6.114	A7/8V+G8	4175	92328		Vela	568.9354	0.661		
4149	HIP 52113	159.7100	-12.4436	6.045	A0V	4172	92245	243 G. Hy	Hydra	358.6359	-0.007		
4150	HIP 52127	159.7484	-58.8168	5.979	M1III	4179	92436		Carina	648.1110	1.692		
4151	HIP 52136	159.7735	53.66829	5.537	K3III	4165	92095		UrsaMajo	514.1967	1.27		
4152	HIP 52150	159.8162	-74.4933	6.064	K3II	4186	92682		Carina	1105.084	1.683		
4153	HIP 52154	159.8266	-55.6032	4.267	G5IIa	4180	92449		Vela	900.5525	1.025		
4154	HIP 52160	159.8451	-64.1117	6.314	B8V		92536		Carina	479.4125	-0.072		
4155		159.8511	-55.6071	6.06	B8V		92463		Vela				
4156	HIP 52221	160.0476	-65.1002	5.52	ApSi	4185	92664		Carina	465.7139	-0.158	5.48	5.52
4157	HIP 52273	160.2147	-35.7417	6.389	G8/K0III+	4183	92589		Antlia	695.0974	0.917		
4158	HIP 52308	160.3229	-59.6769	6.42	WN7h+O9	4188	92740	WR 22	Carina	5344.250	0.088	6.38	6.5
4159	HIP 52316	160.3507	-1.74149	6.25	G9IV	4182	92588	33 Sex	Sextans	112.1046	0.88		
4160	HIP 52338	160.4510	68.4435	5.729	K3III	4176	92354		UrsaMajo	586.3307	1.315		
4161	HIP 52340	160.4646	-79.7832	5.969	B5III	4206	93237	DR Cha	Chamaele	999.9988	-0.071		
4162	HIP 52366	160.5469	31.69699	6.02	M4III	4184	92620	RX LMi	LeoMinor	742.5956	1.617	5.98	6.16
4163	HIP 52370	160.5588	-64.4664	4.82	B3V	4196	92938	V518 Car	Carina	455.9437	-0.139		
4164		160.5592	-59.1456	6.2	Open Cluster			Cl Bochun	Carina				
4165	HIP 52391	160.6307	-13.9745	6.228	K3/4(III)	4190	92770	245 G. Hy	Hydra	737.5557	1.54		
4166	HIP 52405	160.6690	-59.2157	5.51	B2.5Ia	4198	92964		Carina	6791.658	0.213		
4167	HIP 52407	160.6799	-32.7156	5.624	A0V	4194	92845		Antlia	604.8247	0.006		
4168	HIP 52419	160.7391	-64.3944	2.76	B0Vp	4199	93030	θ Carinae	Carina	438.7635	-0.22		
4169	HIP 52422	160.7578	26.32556	5.506	A4Vn	4189	92769	40 LMi	LeoMinor	148.1817	0.16		
4170	HIP 52425	160.7668	69.07621	4.992	K3III	4181	92523		UrsaMajo	426.1440	1.406		

4171	HIP 52452	160.83717	4.747670(	6.09	K2.5III		92841A		Sextans	696.5807(	1.168			
4172	HIP 52452	160.83717	4.747665(	5.79	K2II-III+K1	4193	92841	35 Sex	Sextans	696.5807(	1.168			
4173	HIP 52457	160.85398	23.18840:	5.07	A3Vn	4192	92825	41 LMi	LeoMinor	207.3791:	0.042			
4174	HIP 52468	160.88453	-60.56662	4.545	K4III	4200	93070	V520 Car	Carina	1065.358(	1.7			
4175	HIP 52478	160.93052	57.19919(	5.782	A0III	4187	92728	39 UMa	UrsaMajo	367.53253	-0.038			
4176	HIP 52484	160.95455	18.31298:	6.5	K0		92884		Leo	699.57018	1.31			
4177	HIP 52487	160.96330	-64.24904	5.748	B3IV/V	4204	93163		Carina	1009.2898	0.012			
4178	HIP 52488	160.96774	-60.11778	6.48	WN6ha-w		93131	WR 24	Carina	6520.0023	-0.017			
4179		160.986	-59.553	5.5	Open Cluster			Cl Trumpl(	Carina					
4180	HIP 52502	161.02875	-63.96107	4.789	B3/5Vn	4205	93194		Carina	483.67986	-0.134			
4181	HIP 52513	161.06061	19.75883:	6.266	A5V	4197	92941		Leo	212.10155	0.196			
4182	HIP 52520	161.08344	-70.85972	6.233	A5IV/V	4211	93344		Carina	345.70683	0.208			
4183	HIP 52526	161.09545	-59.99332	6.24	O9.7Ibn		93206	QZ Car	Carina	2650.407(	-0.31	6.16	6.49	
4184	HIP 52535	161.11233	-72.44349	6.261	F6VFe+0.4	4213	93372		Carina	104.18671	0.51			
4185	HIP 52537	161.13473	-70.85525	6.442	A6IV	4212	93359		Carina	354.34909	0.227			
4186		161.26477	-59.68443	6.48	LBV	4210	93308B	* eta Car	Carina		0.55			
4187	HIP 52577	161.26679	67.41138:	5.95	C-N5	4195	92839	VY UMa	UrsaMajo	1131.9441	2.382	5.87	7	
4188	HIP 52584	161.28940	2.4879738	6.271	K2III	4201	93102	36 Sex	Sextans	639.21452	1.212			
4189	HIP 52595	161.31806	-80.46959	6.04	~	4231	93779A	* del01 Ch	Chamaele	353.96441	0.957			
4190	HIP 52595	161.31937	-80.46957	6.38	~	4231	93779B	* del01 Ch	Chamaele	353.96441	0.957			
4191	HIP 52633	161.44585	-80.54018	4.433	B3V	4234	93845	δ 2 Chama	Chamaele	363.43471	-0.188			
4192	HIP 52638	161.46622	30.682307	5.352	A1Vn	4203	93152	42 LMi	LeoMinor	377.31580	-0.05			
4193	HIP 52660	161.52366	6.373183(	6.368	K1III:	4207	93244	37 Sex	Leo	351.29447	1.121			
4194	HIP 52678	161.56894	-64.51456	5.34	B6Vnn	4219	93540		Carina	466.38229	-0.096			
4195	HIP 52679	161.57111	-60.60287	6.268	A0IV	4217	93502		Carina	365.06146	0.038			
4196	HIP 52685	161.59367	57.365912	6.34	M1III	4202	93132	41 UMa	UrsaMajo	756.38221	1.568			
4197	HIP 52686	161.60227	18.891522	5.492	K3III	4208	93257	51 Leo	Leo	178.43454	1.134			
4198	HIP 52689	161.60532	14.194645	5.478	G4III:	4209	93291	52 Leo	Leo	287.47795	0.908			
4199	HIP 52701	161.62328	-64.26323	5.229	B6-7V	4220	93549		Carina	428.94770	-0.077			
4200	HIP 52709	161.65475	-43.19267	6.28	A4IV		93453		Vela	244.56138	0.202			

4201	HIP 52727	161.6923	-49.42025	2.69	G6III	4216	93497	μ Velorum	Vela	115.6850	0.96
4202	HIP 52727	161.6931	-49.41989	5.58	~	4216	93497B	* mu. Vel	Vela	115.6850	0.96
4203	HIP 52730	161.7003	-69.20978	6.35	A2IV		93649		Carina	1545.025	0.18
4204	HIP 52736	161.7134	-64.38347	4.83	B4V	4222	93607		Carina	449.0358	-0.149
4205	HIP 52737	161.7168	-17.29687	5.44	A3V	4214	93397		Hydra	219.0861	0.112
4206	HIP 52742	161.7394	-56.75719	5.23	B5III	4221	93563		Vela	547.8986	-0.08
4207	HIP 52785	161.8775	-69.43773	6.35	B2IV		93739		Carina	1249.043	-0.085
4208	HIP 52797	161.9099	-57.46740	6.248	K5/M0(III)	4226	93662		Carina	2762.714	1.673
4209	HIP 52806	161.9346	-59.87525	6.47	B3V		93695		Carina	1230.187	-0.121
4210	HIP 52815	161.9730	-64.26283	6.452	B9.5V		93738		Carina	469.0652	0.008
4211	HIP 52827	162.0225	-59.91916	6.015	A0Ia/ab	4228	93737	V522 Car	Carina	9009.847	0.274
4212	HIP 52841	162.0587	-31.68784	5.858	A1V	4225	93657	252 G. Hy	Hydra	426.1441	0.028
4213	HIP 52863	162.1689	-1.958895	5.93	M1III	4224	93655		Sextans	530.9433	1.608
4214	HIP 52865	162.1727	-47.74989	6.5	G8III		93773		Vela	469.7400	0.946
4215	HIP 52877	162.2077	65.13249	6.398	B9V	4215	93427		UrsaMajo	420.1033	-0.022
4216	HIP 52882	162.2384	29.41605	6.149	~	4223	93636	43 LMi	LeoMinor	598.1645	1.144
4217	HIP 52911	162.3142	10.54519	5.312	A2V	4227	93702	53 Leo	Leo	334.0164	0.035
4218	HIP 52922	162.3518	-59.32378	5.91	B9.5IV/V	4239	93943		Carina	853.4031	0.008
4219	HIP 52922	162.3518	-59.32378	6.12	~	4239	93943A		Carina	853.4031	0.008
4220	HIP 52929	162.3699	63.81002	6.43	K0		93551		UrsaMajo	862.4333	1.287
4221	HIP 52943	162.4062	-16.19364	3.11	K1.5IIIHde	4232	93813	v Hydrae	Hydra	138.4877	1.232
4222	HIP 52948	162.4312	-9.852690	5.842	K0III	4233	93833		Sextans	346.4403	1.074
4223	HIP 52959	162.4738	27.97394	6.047	F3V	4230	93765	44 LMi	LeoMinor	254.4887	0.399
4224	HIP 52965	162.4875	-34.05818	5.599	A1V	4238	93905		Antlia	346.4403	0.038
4225	HIP 52980	162.5752	-8.897764	5.791	A2/3III	4237	93903	41 Sex	Sextans	366.2937	0.156
4226	HIP 53035	162.7725	-3.092666	5.941	K4/5III	4240	94014		Sextans	514.1967	1.475
4227	HIP 53043	162.7958	56.58225	5.661	K2III	4235	93859	43 UMa	UrsaMajo	349.7850	1.132
4228	HIP 53064	162.8488	59.32011	5.562	K2III	4236	93875	42 UMa	UrsaMajo	263.1156	1.16
4229	HIP 53100	162.9453	-57.27230	6.285	A5/7III		94275		Carina	603.7033	0.226
4230	HIP 53141	163.0570	1.024972	6.37	A2IV/V	4244	94180	18 G. Leo	Leo	1044.872	0.087

4231		HIP 53151	163.1192	-79.55943	6.338	K2II/III	4268	94717		Chamaele	1680.413	1.46	
4232		HIP 53154	163.1285	-57.24040	5.25	A0Ia	4250	94367	V524 Car	Carina	6037.033	0.13	
4233		HIP 53157	163.1335	52.503604	6.43	K2III	4242	94084		UrsaMajo	314.9761	1.114	
4234		HIP 53167	163.1503	-0.201660	6.294	K4III	4245	94237	19 G. Leo	Leo	829.5170	1.503	
4235	Praecipua	HIP 53229	163.3278	34.214892	3.83	K0+III-IV	4247	94264		LeoMinor	97.60476	1.04	
4236		HIP 53231	163.3381	-58.89345	6.25	B3IV/V		94491		Carina	1574.880	-0.104	
4237		HIP 53240	163.3539	-2.255169	6.117	G8III	4249	94363	20 G. Leo	Leo	260.5917	0.913	
4238		HIP 53252	163.3730	-20.13872	5.24	F6V	4251	94388		Hydra	102.1622	0.48	
4239		HIP 53253	163.3735	-58.85317	3.79	K0IV	4257	94510		Carina	96.70729	0.945	
4240		HIP 53259	163.3871	-15.44583	6.34	K2III	4252	94386		Crater	250.5767	1.176	
4241		HIP 53260	163.3891	-56.42049	6.41	K2III		94508		Vela	108666.5	1.392	
4242		HIP 53261	163.3935	54.585127	5.111	K3III	4246	94247	44 UMa	UrsaMajo	676.3491	1.355	
4243		HIP 53272	163.4253	-70.72033	5.99	B6V	4262	94650		Carina	776.1899	-0.02	
4244			163.4253	-70.72033	6.39	B6V			CD-70 756	Carina		-0.04	
4245		HIP 53273	163.4321	-2.129205	5.449	G8III	4253	94402		Leo	311.9619	0.966	
4246		HIP 53295	163.4947	43.189957	4.664	A1VsSi:	4248	94334	ω Ursae M	UrsaMajo	266.7760	-0.039	
4247		HIP 53316	163.5740	-13.75803	5.651	G4III-IIIb	4255	94481		Crater	409.0356	0.832	
4248		HIP 53334	163.6233	-61.82662	5.9	K4III	4266	94683		Carina	1663.265	1.736	
4249		HIP 53355	163.6756	25.490724	6.187	F0	4254	94480	48 LMi	LeoMinor	405.4724	0.291	6.16 6.23
4250		HIP 53377	163.7424	34.034798	5.725	G7III:	4256	94497	47 LMi	UrsaMajo	304.9581	1.032	
4251		HIP 53379	163.7542	-42.25110	6.11	Ap(SiCr)	4263	94660	KQ Vel	Vela	495.4419	-0.061	6.1 6.12
4252		HIP 53387	163.7982	-20.66496	6.444	K1III	4261	94619	258 G. Hy	Hydra	636.7206	1.098	
4253		HIP 53394	163.8217	-60.51700	5.92	K0III	4271	94776	T Car	Carina	305.8161	1.065	
4254		HIP 53411	163.8633	-43.02052	6.4	A0V		94724		Vela	319.9215	0.068	
4255		HIP 53417	163.9033	24.749717	4.32	A1	4259	94601	54 Leo	Leo	288.7513	0.016	
4256		HIP 53417	163.9033	24.749728	4.477	A1V	4259	94601	* 54 Leo A	Leo	288.7513	0.016	
4257		HIP 53417	163.9052	24.749041	6.29	A2Vn	4260	94602	* 54 Leo B	Leo	288.7513	0.016	
4258		HIP 53423	163.9266	0.7369192	5.93	F3/5V	4265	94672	55 Leo	Leo	142.6697	0.425	
4259		HIP 53426	163.9349	33.506928	5.034	K1III	4258	94600	46 UMa	UrsaMajo	244.5613	1.101	
4260		HIP 53449	164.0061	6.1853725	5.78	M5.5III:	4267	94705	56 Leo	Leo	325.0250	1.256	5.69 6.03

4261		HIP 53465	164.0604	42.00815	6.034	K2III	4264	94669		UrsaMajo	311.6636	1.123	
4262		HIP 53472	164.0702	22.35168	6.139	K4III	4269	94720		Leo	636.7206	1.549	7.71	7.79
4263		HIP 53492	164.1434	25.50024	6.354	K0	4270	94747	50 LMi	LeoMinor	282.0070	1.036	
4264		HIP 53502	164.1793	-37.13776	4.6	K0III	4273	94890	ι Antliae	Antlia	198.7805	1.006	
4265		HIP 53530	164.2826	-50.76501	5.898	A4V	4274	94985	IW Vel	Vela	316.5050	0.173	5.9	5.916
4266		HIP 53546	164.3157	-75.09976	6.122	K1II	4279	95208		Carina	2345.323	1.531	
4267		HIP 53589	164.4507	-59.73218	6.11	G5/8Iab	4276	95109	U Car	Carina	5897.947	0.84	5.72	7.02
4268		HIP 53699	164.8072	-33.73759	5.73	F2V	4282	95221	259 G. Hy	Hydra	158.5602	0.374	
4269		HIP 53702	164.8073	-84.59389	6.185	A1V	4312	96124	η Octantis	Octans	355.5063	0.1	
4270		HIP 53701	164.8083	-61.32075	6.18	B8IV	4290	95324		Carina	362.6262	-0.064	
4271		HIP 53706	164.8244	51.88237	6.197	K0	4275	95057		UrsaMajo	680.5839	1.352	
4272		HIP 53723	164.8788	-16.35370	5.879	M1III	4284	95234		Crater	1185.453	1.6	
4273		HIP 53726	164.8866	36.09310	6	M2III	4278	95129		UrsaMajo	888.2851	1.595	
4274	Alkes	HIP 53740	164.9436	-18.29878	4.07	K0IIIb	4287	95272	α Crateris	Crater	174.2385	1.079	
4275		HIP 53761	164.9867	77.77017	6.184	G9III	4272	94860		Draco	553.4797	0.966	
4276		HIP 53762	164.9974	-43.80711	5.799	B8V	4292	95347		Vela	289.5203	-0.064	
4277		HIP 53771	165.0344	-51.81780	6.143	A3III/IV	4296	95429		Vela	195.2095	0.188	
4278		HIP 53773	165.0386	-42.22585	4.39	A3V	4293	95370		Vela	203.8775	0.116	
4279		HIP 53778	165.0487	-14.08336	5.857	K5III	4289	95314		Crater	442.3332	1.501	
4280		HIP 53781	165.0612	45.52627	5.448	K5III	4280	95212		UrsaMajo	881.0805	1.466	
4281		HIP 53798	165.1064	51.50210	6.39	G9III	4283	95233		UrsaMajo	567.9443	1.007	
4282		HIP 53807	165.1401	3.617497	4.838	K0.5IIIFe-(	4291	95345	58 Leo	Leo	341.7198	1.144	
4283		HIP 53811	165.1510	-53.11183	6.44	K3III		95509		Vela	414.7569	1.28	
4284		HIP 53818	165.1699	-31.83937	6.051	F8V	4298	95456	260 G. Hy	Hydra	101.7479	0.527	
4285		HIP 53824	165.1866	6.101445	4.977	A5III	4294	95382	59 Leo	Leo	150.8562	0.166	
4286		HIP 53838	165.2100	39.21207	5.062	F0Vs	4288	95310	49 UMa	UrsaMajo	402.9654	0.255	
4287		HIP 53849	165.2391	-15.79268	6.36	K0III	4297	95441		Crater	571.9313	1.172	
4288		HIP 53860	165.2735	63.42109	6.358	A2m	4286	95256		UrsaMajo	284.2199	0.169	
4289		HIP 53907	165.4569	-2.484590	4.75	M0III	4299	95578	61 Leo	Leo	514.1967	1.593	
4290	Merak	HIP 53910	165.4603	56.38243	2.37	A1IVps	4295	95418	β Ursae M	UrsaMajo	79.37679	0.033	

4291		HIP 53954	165.5823	20.17984	4.398	kA1VmA3	4300	95608	60 Leo	Leo	123.6254	0.053		
4292		HIP 53963	165.6018	-26.8315	6.202	A9III/IV	4302	95698		Hydra	173.0363	0.307		
4293		HIP 54027	165.8105	-0.752341	6.117	A8/9IV	4303	95771	30 G. Leo	Leo	178.0449	0.269		
4294		HIP 54029	165.8119	-11.30346	5.511	G7-IIIb	4305	95808		Crater	318.3596	0.938		
4295		HIP 54030	165.8169	-31.96085	6.444	M2/3III	4307	95857	263 G. Hy	Hydra	752.8875	1.616		
4296		HIP 54038	165.8641	70.03073	6.43	K0		95572		UrsaMajo	734.2337	1.28		
4297		HIP 54048	165.9022	-13.43491	6.343	G8III	4308	95870		Crater	548.8212	0.86		
4298		HIP 54049	165.9024	-0.000830	5.927	K2III	4306	95849	62 Leo	Leo	557.2646	1.218		
4299		HIP 54061	165.9316	61.75087	4.86	A7.5	4301	95689	* alf UMa	UrsaMajo	123.5784			
4300		HIP 54061	165.9319	61.75103	1.87	G9III	4301	95689A	* alf UMa	UrsaMajo	123.5784			
4301	Dubhe	HIP 54061	165.9319	61.75103	1.79	G9III+A7.5	4301	95689	α Ursae M	UrsaMajo	123.5784	1.061		
4302		HIP 54082	166.0009	-57.95533	6.13	B2III		96088		Carina	2963.637	-0.167		
4303		HIP 54137	166.1300	-47.67910	5.668	A8III/IV	4311	96113		Vela	278.8709	0.256		
4304		HIP 54136	166.1301	38.24136	6.02	A3Vp	4309	95934	51 UMa	UrsaMajo	262.6915	0.165		
4305		HIP 54173	166.2258	-35.80467	5.414	A0V	4313	96146		Antlia	530.0827	0.021		
4306		HIP 54182	166.2542	7.336006	4.62	F2III	4310	96097	χ Leonis	Leo	94.38323	0.332		
4307		HIP 54185	166.2671	-49.39229	6.102	B9.5V	4316	96224		Vela	514.1967	-0.019		
4308		HIP 54204	166.3329	-27.29362	4.912	F3IV/V	4314	96202	χ 1 Hydra	Hydra	141.8625	0.369		
4309		HIP 54214	166.3915	-11.08893	6.086	F0V	4315	96220		Crater	209.3771	0.301		
4310		HIP 54255	166.4898	-27.28785	5.71	B8V	4317	96314	χ 2 Hydra	Hydra	799.0197	-0.067	5.65	5.94
4311		HIP 54264	166.5239	-51.21292	6.281	G8III	4318	96407	2 G. Cen	Centaurus	411.6175	0.943		
4312		HIP 54289	166.6010	-64.83997	6.381	A3V	4326	96568		Carina	473.1500	0.114		
4313		HIP 54291	166.6146	-50.95672	6.294	K2III	4321	96484	3 G. Cen	Centaurus	366.7045	1.156		
4314		HIP 54294	166.6220	-58.67502	6.03	K2II/III	4323	96544		Carina	1225.564	1.21		
4315		HIP 54301	166.6351	-62.42411	4.606	G7.5III	4325	96566		Carina	369.6156	0.988		
4316			166.68	-59.82	4.7	Open Cluster			Cl Feinstei	Carina				
4317		HIP 54319	166.6834	17.73736	6.392	K5		96372		Leo	768.8680	1.555		
4318		HIP 54327	166.7078	-70.87794	5.57	B3IV/V	4329	96706		Carina	1128.028	-0.07		
4319		HIP 54360	166.8195	-42.63867	5.24	ApSrCrEu	4327	96616	V815 Cen	Centaurus	283.4783	0.029	5.14	5.17
4320		HIP 54380	166.8922	-48.63998	6.42	K3III		96660	5 G. Cen	Centaurus	553.4797	1.486		

4321	HIP 54388	166.9154	23.32376	6.468	A5m	4322	96528	64 Leo	Leo	246.4098	0.164		
4322	HIP 5443(	167.0657	-29.97248	6.453	A1V	4331	96723	270 G. Hy	Hydra	457.2216	0.029		
4323	HIP 54461	167.1416	-61.94717	5.19	B9.5Ia	4338	96919		Carina	5525.441	0.195	5.12	5.19
4324	HIP 54463	167.1474	-58.97503	3.83	G5_0-Ia	4337	96918	V382 Car	Carina	5927.268	1.225	3.84	4.02
4325	HIP 54477	167.1832	-28.08065	5.421	A1V	4334	96819		Hydra	189.4249	0.069		
4326	HIP 54487	167.2045	24.65849	5.698	A0IV	4332	96738	67 Leo	Leo	408.0087	0.081		
4327	HIP 54522	167.3294	36.30937	5.74	M4III	4333	96813	CO UMa	UrsaMajo	378.6295	1.4	5.74	5.95
4328	HIP 54537	167.4104	43.20773	5.89	M2III	4336	96834		UrsaMajo	565.9720	1.564		
4329	HIP 5454(	167.4157	67.21021	6.061	A7IVpSr	4330	96707	EP UMa	UrsaMajo	355.1184	0.225	6.06	6.07
4330	HIP 54539	167.4158	44.49848	3.01	K1III	4335	96833	ψ Ursae M	UrsaMajo	146.7809	1.144		
4331	HIP 54561	167.4724	-32.36752	5.766	A1V	4339	97023	272 G. Hy	Hydra	341.7198	0.027		
4332	HIP 54673	167.8730	-71.43619	6.335	K2/3III	4349	97472		Carina	583.1848	1.373		
4333	HIP 54682	167.9144	-22.82584	4.449	A1V	4343	97277	β Crateris	Crater	265.9055	0.025		
4334		167.9166	-60.30972	3.9	Open Cluster			Cl Collinde	Carina				
4335	HIP 54688	167.9323	14.40015	6.295	A5V	4341	97244		Leo	198.4176	0.209		
4336	HIP 54703	167.9910	-26.80611	6.43	K0III		97344	274 G. Hy	Hydra	427.2622	0.924		
4337	HIP 54708	168.0147	-58.42335	6.33	M4III		97451	V532 Car	Carina	735.8931	1.495		
4338	HIP 54718	168.0424	-46.26675	6.27	A1V		97413	7 G. Cen	Centaurus	322.4532	0.155		
4339	HIP 54721	168.0455	68.27187	6.43	A3V	4340	97138		UrsaMajo	299.9080	0.127		
4340	HIP 54725	168.0616	-32.43379	6.38	Swk	4346	97393	275 G. Hy	Hydra	676.3491	1.683		
4341	HIP 54742	168.1265	-18.49984	6.25	B9V	4347	97411	* psi Crt A	Crater	478.7083	-0.004		
4342	HIP 54742	168.1265	-18.49986	6.105	A0V	4347	97411	ψ Crateris	Crater	478.7083	-0.004		
4343	HIP 54745	168.1347	35.81408	6.41	G2	4345	97334		UrsaMajo	70.80788	0.6		
4344	HIP 54746	168.1377	-49.10099	5.367	A3IV/V	4350	97495	9 G. Cen	Centaurus	162.8370	0.175		
4345	HIP 54749	168.1449	-21.74933	6.378	K3III	4348	97428		Crater	684.8740	1.381		
4346	HIP 54751	168.1500	-60.31762	4.62	A5Iae:	4352	97534	V533 Car	Carina	12538.45	0.541		
4347	HIP 54767	168.1883	-64.16976	5.219	B8V	4355	97583		Carina	314.0655	-0.082		
4348	HIP 54783	168.2363	-49.73609	6.109	G8II/III	4353	97550	10 G. Cen	Centaurus	759.9062	1.055		
4349	HIP 54811	168.3111	-44.37221	5.761	K5/M0III	4354	97576	11 G. Cen	Centaurus	840.2066	1.661		
4350	HIP 54829	168.3782	-59.61931	5.74	B2III	4361	97670		Carina	1821.229	-0.106		

4351		HIP 54840	168.41413	-53.23181	5.74	K2III	4360	97651	13 G. Cen	Centaurus	445.96491	1.309		
4352		HIP 54842	168.41705	41.08883	6.34	K2III	4351	97501		UrsaMajo	331.63666	1.15		
4353		HIP 54849	168.43980	-0.069502	5.404	A0V	4356	97585	69 Leo	Leo	476.60892	-0.02		
4354		HIP 54863	168.50764	8.0606949	5.793	K3III	4358	97605	36 G. Leo	Leo	223.28792	1.128		
4355	Zosma	HIP 54872	168.52708	20.523718	2.53	A5IV(n)	4357	97603	δ Leonis	Leo	57.678883	0.128		
4356	Chertan	HIP 54879	168.56002	15.429571	3.35	A2IV	4359	97633	θ Leonis	Leo	177.55988	-0.003		
4357		HIP 54929	168.72550	-43.73370	6.196	K4III	4364	97866	15 G. Cen	Centaurus	1724.8698	1.606		
4358		HIP 54951	168.80095	23.095508	4.63	M3IIb:	4362	97778	72 Leo	Leo	6653.0756	1.657		
4359		HIP 55003	168.92811	-57.35588	6.418	A3V		98025		Carina	583.18488	0.098		
4360		HIP 55016	168.96616	13.307565	5.32	K2III	4365	97907	73 Leo	Leo	478.00746	1.189		
4361		HIP 55084	169.16541	-3.651603	4.45	A5V	4368	98058	ϕ Leonis	Leo	195.32656	0.21		
4362		HIP 55086	169.17437	49.476248	5.873	K0III:	4367	97989		UrsaMajo	421.18889	1.102		
4363		HIP 55106	169.24240	-7.134686	6.14	ApSrCrEu	4369	98088		Crater	420.64448	0.211	6.32	6.35
4364		HIP 55130	169.30003	-38.01436	6.235	A1V	4372	98161	20 G. Cen	Centaurus	233.52432	0.105		
4365		HIP 55133	169.30968	-41.93432	6.44	A0V		98176	22 G. Cen	Centaurus	400.98341	0.015		
4366		HIP 55137	169.32250	2.0105558	5.18	M0III	4371	98118	75 Leo	Leo	408.00871	1.511		
4367		HIP 55140	169.32934	-67.82351	6.054	M2+II-III	4379	98292	V535 Car	Carina	1697.9162	1.753		
4368		HIP 55164	169.41191	-34.73737	6.428	F3V	4373	98221	279 G. Hy	Hydra	152.19414	0.408		
4369		HIP 55203	169.54515	31.529117	4.77	G2V	4374	98230		UrsaMajor		0.64		
4370		HIP 55203	169.54542	31.529160	4.25	F8.5:V	4375	98231		UrsaMajor		0.54		
4371	Alula Aust	HIP 55203	169.54554	31.529288	3.79	F8.5:V+G2V			ksi UMa	UrsaMajor		0.59		
4372	Alula Bore	HIP 55219	169.61973	33.094306	3.49	K3-III:	4377	98262	v Ursae M	UrsaMajo	421.18889	1.4		
4373		HIP 55225	169.64334	-79.66864	6.352	A8III(m)	4385	98617		Chamaele	210.32256	0.266		
4374		HIP 55249	169.72895	1.6503954	5.904	K0III	4381	98366	76 Leo	Leo	311.06867	1.04		
4375		HIP 55266	169.78285	38.185593	4.8	A2V	4380	98353	55 UMa	UrsaMajo	182.94051	0.113		
4376		HIP 55280	169.81847	-64.58249	5.99	F5V	4384	98560		Carina	122.00587	0.471		
4377		HIP 55282	169.83519	-14.77853	3.56	G9IIICH0.5	4382	98430	δ Crateris	Crater	194.62697	1.112		
4378		HIP 55308	169.90220	-75.14244	6.258	B9.5/A0V	4387	98672		Musca	531.81051	-0.016		
4379		HIP 55332	169.96145	-72.95829	6.46	A0V		98671		Musca	485.84124	0.004		
4380		HIP 55350	170.01714	-71.99433	6.412	B5V	4389	98695		Musca	758.13936	0.019		

4381	HIP 55412	170.2241	67.10074	6.201	G8	4383	98499		UrsaMajo	439.3536	1.018
4382	HIP 55425	170.2516	-54.49102	4.08	~	4390	98718A	* pi. Cen A	Centaurus	321.1824	-0.157
4383	HIP 55425	170.2518	-54.49108	5.65	~	4390	98718B	* pi. Cen B	Centaurus	321.1824	-0.157
4384	HIP 55434	170.2841	6.029321	4.04	B9.5Vs	4386	98664	σ Leonis	Leo	213.9108	-0.058
4385	HIP 55485	170.4553	57.07485	6.44	A7Vn	4388	98673		UrsaMajo	254.8867	0.161
4386	HIP 55497	170.4870	-77.60836	6.423	A5III/IV	4397	99015		Chamaele	243.2837	0.202
4387	HIP 55528	170.5962	-44.64592	6.108	G8III	4393	98892	25 G. Cen	Centaurus	343.5193	0.926
4388	HIP 55560	170.7065	43.48269	5.03	G8IIIa	4392	98839	56 UMa	UrsaMajo	491.7059	0.998
4389	HIP 55564	170.7135	64.33051	6.03	A3V	4391	98772		UrsaMajo	281.5200	0.085
4390	HIP 55581	170.7838	-56.77935	5.807	A3/5pec	4398	99022	27 G. Cen	Centaurus	653.3075	-0.004
4391	HIP 55588	170.8028	-36.16477	4.991	K4III	4396	98993	26 G. Cen	Centaurus	857.8954	1.464
4392	HIP 55595	170.8247	0.132045	6.029	K3III	4394	98960	50 G. Leo	Leo	674.9473	1.464
4393	HIP 55597	170.8391	-64.95471	5.39	B5IV	4401	99104		Musca	474.5257	-0.061
4394	HIP 55598	170.8411	-18.78003	5.09	F5III	4395	98991	λ Crateris	Crater	142.9823	0.439
4395	HIP 55642	170.9810	10.52950	4.01	F1IV	4399	99028	ι Leonis	Leo	79.01102	0.423
4396	HIP 55645	170.9856	-57.88043	6.5	K5/M1III		99145		Centaurus	561.1016	1.504
4397	HIP 55650	171.0096	1.407762	5.386	G8III-IIIb	4400	99055	79 Leo	Leo	365.0614	0.938
4398	HIP 55657	171.0463	-72.25660	5.583	B2V	4406	99264		Musca	883.4701	0.017
4399	HIP 55667	171.0918	-42.66909	6.12	B2V	4403	99171	28 G. Cen	Centaurus	3075.472	-0.175
4400	HIP 55687	171.1524	-10.85932	4.802	K4III	4402	99167	ϵ Crateris	Crater	364.2464	1.556
4401	HIP 55705	171.2205	-17.68401	4.06	A7V(n)	4405	99211	γ Crateris	Crater	83.80453	0.216
4402	HIP 55716	171.2455	11.43029	5.788	K4III	4404	99196		Leo	467.7188	1.376
4403	HIP 55756	171.3727	-36.06306	5.219	K0III	4409	99322	29 G. Cen	Centaurus	280.0689	0.979
4404	HIP 55763	171.3879	-37.74757	5.918	M3III	4411	99333	30 G. Cen	Centaurus	540.6288	1.503
4405	HIP 55765	171.4015	16.45653	5.572	F2V	4408	99285	81 Leo	Leo	154.1371	0.39
4406	HIP 55779	171.4297	-63.97247	5.17	F7V	4413	99453	31 G. Cen	Centaurus	89.41303	0.495
4407	HIP 55791	171.4585	3.860638	6.354	F2IVnn	4410	99329	80 Leo	Leo	200.2459	0.345
4408	HIP 55797	171.4879	55.85045	5.7	K0III	4407	99283		UrsaMajo	347.5487	0.988
4409	HIP 55821	171.6064	33.45061	6.324	F5.5IV-V	4412	99373		UrsaMajo	187.7881	0.454
4410	HIP 55831	171.6475	-61.11516	5.54	B3III/IV	4415	99556	33 G. Cen	Centaurus	1552.379	-0.077

4411		HIP 55846	171.68884	3.013099(	6.46	G9IV-V	4414	99491	83 Leo A	Leo	57.607491	0.778		
4412		HIP 55846	171.6908	3.0097	6.16	~	4414	99491	* 83 Leo	Leo	57.607491	0.778		
4413		HIP 55849	171.69693	-53.15991	5.806	K0III	4417	99574	32 G. Cen	Centaurus	624.52169	0.517		
4414		HIP 55874	171.78964	-12.35674	5.923	F5/6III	4416	99564	κ Crateris	Crater	218.64535	0.49		
4415		HIP 55936	171.9599(	45.185204	6.28	M4III		99592		UrsaMajo	1028.3901	1.53	6	7.6
4416		HIP 55941	171.97381	-1.699937	6.256	K1III	4419	99651	59 G. Leo	Leo	521.6002(	1.037		
4417		HIP 55945	171.98433	2.856265(	4.943	G8-IIIa	4418	99648	τ Leonis	Leo	620.95199	1		
4418		HIP 55953	171.99446	-35.32885	6.42	K4/5III	4420	99712	281 G. Hy	Hydra	1263.5666	1.614		
4419		HIP 55979	172.07672	-72.47397	6.115	B3V	4425	99872		Musca	758.13936	0.101		
4420		HIP 56000	172.14616	-42.67420	5.136	B9V	4423	99803	34 G. Cen	Centaurus	624.52169	-0.028		
4421		HIP 56034	172.26717	39.336971	5.35	~	4422	99787A	* 57 UMa	UrsaMajo	209.10854	0.019		
4422		HIP 56034	172.26717	39.336975	5.354	A2V	4422	99787	57 UMa	UrsaMajo	209.10854	0.019		
4423		HIP 56078	172.41091	-24.46402	5.813	A0V	4428	99922		Crater	403.46427	0.067		
4424		HIP 56080	172.42434	15.413265	5.734	K4III	4426	99902	85 Leo	Leo	435.24602	1.371		
4425		HIP 56083	172.43151	56.737574	6.278	A5V	4424	99859		UrsaMajo	221.31724	0.157		
4426		HIP 56120	172.55362	54.362233	6.49	K0III	4427	99913		UrsaMajo	641.73123	0.937		
4427		HIP 56127	172.57872	-3.003499	4.77	K3+IIIFe-0	4432	99998	87 Leo	Leo	603.70333	1.529		
4428		HIP 56135	172.60343	46.657532	6.302	K2IIICN-1	4430	99967	EE UMa	UrsaMajo	984.89526	1.265	6.35	6.51
4429		HIP 56146	172.62094	18.409807	5.549	K0III	4433	100006	86 Leo	Leo	325.02506	1.056		
4430		HIP 56148	172.62971	43.173241	5.942	F4V	4431	99984	58 UMa	UrsaMajo	182.94051	0.524		
4431		HIP 56201	172.81269	-61.27846	6.4	A3Ia	4438	100198	V809 Cen	Centaurus	4657.1398	0.473	6.31	6.36
4432	Giausar	HIP 56211	172.85092	69.331075	3.85	M0III-IIIaC	4434	100029	λ Draconis	Draco	334.01646	1.613		
4433		HIP 56243	172.94195	-59.44206	5.097	G3_0-Ia	4441	100261	o 1 Centa	Centaurus	3227.7239	1.026	5.8	6.6
4434		HIP 56245	172.94813	-20.77647	6.228	F8V	4440	100219		Crater	128.85384	0.537		
4435		HIP 56250	172.95333	-59.51564	5.14	A2Ia	4442	100262	o 2 Centa	Centaurus	3395.8454	0.432	5.12	5.22
4436		HIP 56253	172.96055	81.127256	6.11	kA2hF1mI	4429	99945		Camelopa	194.97610	0.264		
4437		HIP 56280	173.06683	-29.26330	5.671	F8V	4443	100286	* 17 Crt B	Crater	87.072687	0.54		
4438		HIP 56280	173.06835	-29.26102	5.58	F8V	4444	100287	* 17 Crt A	Crater	87.072687	0.54		
4439		HIP 56287	173.08331	-66.96182	5.881	K1IIICNIb/	4448	100382		Musca	297.98921	1.136		
4440			173.08647	61.082749	5.64	F4V	4439	100203A		UrsaMajo	89.708388	0.515		

4441		HIP 56293	173.0970(	-26.74680	6.16	M2III	4445	100307		Hydra	727.6779	1.67	
4442		HIP 56318	173.1980(	-7.827525	5.927	K3III	4446	100343		Crater	574.9566	1.38	
4443		HIP 56319	173.2003	-40.43619	5.639	M1III	4447	100378	39 G. Cen	Centaurus	544.2409(	1.578	
4444		HIP 56332	173.2255	-31.08722	5.11	M1/2III	4449	100393		Hydra	452.7783	1.581	
4445		HIP 56343	173.2504	-31.85762	3.54	G7IIIb	4450	100407	ξ Hydrae	Hydra	129.2114(	0.947	
4446		HIP 56364	173.3117	-16.28040	6.044	F8/G0Ib/II	4451	100418		Crater	400.4911	0.59	
4447		HIP 56379	173.3560(	-70.19478	6.3	A0VaekB8_lB		100546		Musca	316.3718(	0.003	
4448		HIP 56388	173.4014	2.499031(	6.48	M0III		100456		Leo	1253.845	1.601	
4449			173.4047	-40.58660	6.11	~	4453	100493A		Centaurus	367.9465(	0.117	
4450			173.4050(	-40.58663	6.14	~	4453	100493B		Centaurus	367.9465(	0.117	
4451		HIP 5641(	173.4845	36.81561	6.37	K0III	4452	100470		UrsaMajo	424.4782	1.057	
4452		HIP 56452	173.6228(	-32.83133	5.98	K0V	4458	100623		Hydra	31.09501	0.811	
4453		HIP 56473	173.6770	16.79691	5.94	B6.6(IV)+E	4456	100600	90 Leo	Leo	1987.805	-0.156	
4454		HIP 56473	173.6770	16.79691(	6.289	B6.6(IV)	4456	HD 10060	* 90 Leo A	Leo	1987.805	-0.156	
4455		HIP 5648(	173.6902	-54.26409	4.607	B9V	4460	100673	A Cen	Centaurus	463.0668	-0.077	
4456		HIP 56497	173.7368	-49.13648	5.5	K1III/IV	4462	100708	43 G. Cen	Centaurus	207.3791	1.041	
4457		HIP 5650(	173.7454	-4.361288	6.41	K1III		100659	67 G. Leo	Leo	616.2575	1.167	
4458	Formosa	HIP 56508	173.7656	20.44154	6.438	G9III	4459	100655		Leo	459.3914	1.01	
4459		HIP 5651(	173.7703	54.78539	5.628	K0III	4457	100615		UrsaMajo	410.5808	1.032	
4460		HIP 56518	173.8053	-47.37257	5.675	M3/4III	4463	100733	C1 Cen	Centaurus	652.0002	1.682	5.55 5.8
4461		HIP 5655(	173.9264(	-61.28787	6.24	B9.5Iab/b		100826		Centaurus	4405.402(	0.131	
4462		HIP 56561	173.9453	-63.01983	3.14	B9III	4467	100841	λ Centaur	Centaurus	409.5474	-0.044	
4463		HIP 56573	173.9816(	-47.64163	5.252	F0V	4466	100825	C2 Cen	Centaurus	189.0950	0.257	
4464			174.061	-61.616	5.3	Open Cluster			NGC 3766	Centaurus			
4465			174.0748	27.78134	6.38	~	4465	100808A		Leo	234.1955	0.248	
4466		HIP 56601	174.0748	27.78134	5.81	A8	4465	100808		Leo	234.1955	0.248	
4467		HIP 5660(	174.0931	-61.05243	5.819	B3IV	4472	100929	50 G. Cen	Centaurus	1461.882	-0.102	
4468		HIP 10089	174.1456(	-33.57005	5.89	~	4469	100893A	* 22 Crt A	Crater			
4469		HIP 56632	174.1696	-37.23718	6.286	A1V	4470	100911	49 G. Cen	Centaurus	432.3609	0.062	
4470		HIP 56633	174.1704	-9.802222	4.673	B9.5V	4468	100889	θ Crateris	Crater	304.6728	-0.073	

4471	HIP 56647	174.2372	-0.823749	4.3	G9IIIbFe-(	4471	100920	υ Leonis	Leo	178.0449	0.983		
4472	HIP 56656	174.2521	-61.28344	5.15	K0III	4475	101021	52 G. Cen	Centaurus	231.0418	1.105		
4473	HIP 56657	174.2550	-32.98820	6.318	F5V	4473	100953		Hydra	233.8594	0.439		
4474	HIP 56675	174.3151	-75.89653	5.637	A9IV	4479	101132	π Chamae	Chamaele	137.2633	0.362		
4475	HIP 56700	174.3916	-47.74729	5.456	K2III	4476	101067	C3 Cen	Centaurus	363.0304	1.23		
4476	HIP 56716	174.4263	77.59569	6.486	K5		100858		Draco	1697.916	1.61		
4477	HIP 56727	174.4515	-67.62037	5.929	K0III	4485	101162		Musca	347.5487	1.013		
4478	HIP 56731	174.4708	50.61818	6.113	G9:IIIb:Ba	4474	101013		UrsaMajo	461.1043	1.068		
4479	HIP 56754	174.5302	-61.82653	5.14	ApHgMn	4487	101189	54 G. Cen	Centaurus	296.9036	-0.04		
4480	HIP 56756	174.5409	8.883791	6.19	K1III	4478	101112	1 G. Vir	Virgo	372.9963	1.081		
4481	HIP 56775	174.6002	-2.435903	6.29	K1III	4484	101154	3 G. Vir	Virgo	373.4266	1.119		
4482	HIP 56779	174.6150	8.134294	5.36	M4.5:III	4483	101153	ω Virginis	Virgo	479.4125	1.499	5.23	5.5
4483	HIP 56784	174.6346	33.62582	6.273	K2III	4482	101151		UrsaMajo	634.2430	1.325		
4484	HIP 56789	174.6396	46.83421	6.076	F5IIIs	4480	101133	60 UMa	UrsaMajo	350.9163	0.401		
4485	HIP 56802	174.6667	-13.20193	5.48	F6.5V	4488	101198	ι Crateris	Crater	87.96560	0.52		
4486	HIP 56809	174.6870	45.10841	6.47	G0V	4486	101177A		UrsaMajor		0.57		
4487	HIP 56816	174.7047	64.34696	6.5	A5IV	4481	101150		UrsaMajo	640.4728	0.154		
4488	HIP 56830	174.7518	-24.72109	6.42	G6/8V	4489	101259		Crater	211.0032	0.821		
4489	HIP 56862	174.8731	-65.39780	5.095	G5/8IIIp+/	4492	101379	GT Mus	Musca	561.1016	0.804	5.08	5.21
4490	HIP 56899	174.9597	-16.62022	6.19	M3.5IIICa(	4491	101370	VX Crt	Crater	1012.422	1.579		
4491	HIP 56901	174.9630	-14.46852	6.198	A0V	4490	101369		Crater	597.0692	-0.007		
4492	HIP 56922	175.0532	-34.74465	4.7	B9V	4494	101431	ο Hydrae	Hydra	494.6888	-0.07		
4493	HIP 56944	175.1142	57.97040	6.335	B9VpHgM	4493	101391		UrsaMajo	525.8055	-0.092		
4494	HIP 56961	175.1541	-62.56810	6.38	O9.5Ib+B0.5Iab		101545		Centaurus	2810.345	0.029		
4495	HIP 56970	175.1770	-53.96860	5.94	M1III	4497	101541	V914 Cen	Centaurus	1065.358	1.67		
4496	HIP 56975	175.1961	21.35272	5.255	K1III	4495	101484	92 Leo	Leo	232.1939	0.984		
4497	HIP 56986	175.2234	-62.09010	4.92	G3Ib	4499	101570	58 G. Cen	Centaurus	729.3079	1.111		
4498	HIP 56996	175.2554	-83.09993	6.328	K0III	4507	101782		Chamaele	344.2463	1.08		
4499	HIP 56997	175.2625	34.20163	5.34	G8V	4496	101501	61 UMa	UrsaMajo	31.10390	0.723		
4500	HIP 57001	175.2850	-29.19623	6.44	G2III/IV	4498	101563	294 G. Hy	Hydra	135.3819	0.651		

4501		HIP 57013	175.3324(	-43.09566	5.53	A0V	4502	101615	59 G. Cen	Centaurus	209.2428(	0.044	
4502		HIP 57029	175.3927:	31.746048	5.75	F5	4501	101606	62 UMa	UrsaMajo	133.4970!	0.44	
4503		HIP 57045	175.4312:	55.17201(	6.266	K5	4500	101604		UrsaMajo	1006.173:	1.491	
4504		HIP 57047	175.4331:	-32.49940	5.2	K5III	4503	101666		Hydra	429.5116!	1.475	
4505		HIP 57079	175.5147(	-20.29416	6.2	G8IV	4506	101695		Crater	234.0273-	0.949	
4506		HIP 57092	175.5621(	-75.22731	6.466	F8V		101805		Musca	112.1046(	0.528	
4507		HIP 57111	175.6181:	66.74490(	5.308	K3III	4504	101673	3 Dra	Draco	642.9993:	1.267	
4508		HIP 57137	175.7288!	-79.30639	6.378	K0III/IV	4509	101917		Chamaele	181.6156-	0.894	
4509		HIP 57165	175.8632!	-37.19016	5.966	K3III	4508	101883	60 G. Cen	Centaurus	598.1645!	1.449	
4510		HIP 57175	175.8799(	-62.48939	5.03	G0_0-IaFe	4511	101947	V810 Cen	Centaurus	2566.931-	0.784	4.95 5.12
4511			175.925	-62.537	6.3	Open Cluster			Cl Stock 1-	Centaurus			
4512		HIP 57211	175.9701(	-62.87828	6.087	A2III/IV	4513	101995	62 G. Cen	Centaurus	396.1129:	0.063	
4513		HIP 57214	175.9796(	-6.677162	6.041	K0III	4510	101933	5 G. Vir	Virgo	384.8887!	0.96	
4514		HIP 5724(	176.0548-	25.21832(	6.02	K5III	4512	101980		Leo	928.7743-	1.533	
4515		HIP 57283	176.1907:	-18.35067	4.706	G8.5III	4514	102070	ζ Crateris	Crater	350.1599!	0.958	
4516		HIP 57322	176.3026-	-49.06984	6.266	K1III	4516	102150	63 G. Cen	Centaurus	520.7656:	1.174	
4517		HIP 57328	176.3209!	8.2581138	4.842	A4V	4515	102124	ξ Virginis	Virgo	119.4578(	0.174	
4518		HIP 57363	176.4017:	-66.72875	3.65	A7V	4520	102249	λ Muscae	Musca	128.2455:	0.16	
4519		HIP 57371	176.4332(	-45.69013	5.271	B6III	4519	102232	64 G. Cen	Centaurus	781.7743:	-0.118	
4520		HIP 5738(	176.4648:	6.529374:	4.04	M1III	4517	102212	v Virginis	Virgo	312.8600-	1.501	
4521	Taiyangsh	HIP 57399	176.5125!	47.77940-	3.72	K0.5IIIb:	4518	102224	χ Ursae M	UrsaMajo	195.9136!	1.181	
4522		HIP 57439	176.6284:	-61.17839	4.1	G5Ib/II	4522	102350		Centaurus	434.0887:	0.895	
4523		HIP 57443	176.6294(	-40.50035	4.88	G2V	4523	102365		Centaurus	30.1368:1	0.66	
4524		HIP 57477	176.7317!	55.628189	5.254	K2.5IIIbCN	4521	102328		UrsaMajo	206.3290(	1.276	
4525		HIP 57497	176.7793(	-35.90686	6.147	G8III	4524	102397	67 G. Cen	Centaurus	474.5257!	0.952	
4526		HIP 57507	176.8158(	-30.28651	6.48	G6V	4525	102438	297 G. Hy	Hydra	57.9452!9	0.681	
4527		HIP 57512	176.8297!	-57.69650	5.407	K5III	4526	102461	V918 Cen	Centaurus	821.1584-	1.664	
4528		HIP 57562	176.9787:	8.2458926	5.316	A1V	4528	102510	4 Vir	Virgo	192.1037:	0.038	
4529		HIP 57565	176.9963!	20.21893(	4.52	F8III+A6III	4527	102509	93 Leo	Leo	226.3888:	0.547	4.53 4.56
4530		HIP 57581	177.0605(	-66.81490	4.728	K4III	4530	102584	μ Muscae	Musca	431.7871(	1.522	4.6 4.8

4531		HIP 57587	177.09786	-10.31310	6.226	G0V	4529	102574		Crater	138.7825(	0.585	
4532			177.16128	14.284207	5.94	A8V	4531	102590A		Leo	241.83993	0.303	
4533		HIP 57613	177.18784	-26.74977	5.11	M4+III	4532	102620	II Hya	Hydra	476.60892	1.594	4.85	5.12
4534		HIP 57629	177.25533	-0.318671	6.15	F8V	4533	102634	9 G. Vir	Virgo	111.41479	0.518	
4535	Denebola	HIP 57632	177.26490	14.572058	2.13	A3Va	4534	102647	β Leonis	Leo	36.157987	0.09	2.14	2.165
4536		HIP 57646	177.31161	16.24288(	6.036	kA2.5hF1r	4535	102660		Leo	204.2606(	0.278	
4537		HIP 57669	177.42111	-63.78847	4.308	B3V	4537	102776	j Cen	Centaurus	459.15487	-0.149	
4538		HIP 57670	177.42381	34.931758	5.723	F7IV	4536	102713		UrsaMajo	226.54629	0.467	
4539		HIP 57696	177.48589	-70.22578	4.964	G6Ib	4538	102839		Musca	1455.359(	1.36	
4540		HIP 57732	177.58168	-15.86366	6.122	G6III	4539	102845		Crater	672.16661	0.947	
4541		HIP 57741	177.61365	-62.64938	5.702	A2Iab	4541	102878	70 G. Cen	Centaurus	3075.472(	0.233	
4542		HIP 57749	177.65492	-27.27793	6.477	G8III	4542	102888	299 G. Hy	Hydra	495.44195	0.98	
4543	Zavijava	HIP 57757	177.67382	1.764722(	3.6	F9V	4540	102870	β Virginis	Virgo	35.535328	0.518	
4544		HIP 57779	177.73058	12.279036	6.367	A5m	4543	102910		Leo	180.30969	0.294	
4545		HIP 57791	177.75928	-5.333331	5.622	K0+IIIb:	4544	102928	12 G. Vir	Virgo	258.93571	1.058	
4546		HIP 57803	177.78621	-45.17346	4.46	K3III	4546	102964	B Cen	Centaurus	463.72865	1.283	
4547		HIP 57805	177.78962	33.375012	6.224	kA5hA9m	4545	102942		UrsaMajo	205.4192(	0.345	
4548		HIP 57819	177.84123	-12.18781	6.35	F3V	4547	102990		Crater	146.51685	0.41	
4549		HIP 57841	177.92337	-30.83480	5.85	F9V	4548	103026	300 G. Hy	Hydra	102.48369	0.554	
4550		HIP 57851	177.96343	-65.20591	4.99	B4V	4549	103079		Musca	338.17297	-0.123	
4551		HIP 57870	178.04283	-56.98774	5.559	A2V	4551	103101	74 G. Cen	Centaurus	340.64731	0.069	
4552		HIP 57936	178.22717	-33.90813	4.69	~	4552	103192	* bet Hya	Hydrus	365.06146	-0.1	4.27	4.31
4553		HIP 57936	178.22717	-33.90812	4.28	kB8hB8He	4552	103192	β Hydrae	Hydra	365.06146	-0.1	4.27	4.31
4554		HIP 57936	178.22727	-33.90797	5.47	~	4552	103192	* bet Hya	Hydra	365.06146	-0.1	4.27	4.31
4555		HIP 57939	178.24486	37.718681	6.45	K1V_Fe-1.	4550	103095	Groombri	UrsaMajo	29.850762	0.754	
4556		HIP 57971	178.36170	-35.06664	6.167	A1V	4553	103266	302 G. Hy	Hydra	246.4098(	0.089	
4557	Phecda	HIP 58001	178.45769	53.694759	2.44	A0V	4554	103287	γ Ursae M	UrsaMajo	83.611210	0.044	
4558		HIP 58002	178.45948	0.552114(	6.29	A9V	4555	103313	IQ Vir	Virgo	430.07892	0.207	6.3	6.32
4559		HIP 58041	178.54792	-57.41019	6.045	A0/1III	4556	103400	76 G. Cen	Centaurus	1369.7481	0.05	
4560		HIP 58057	178.60745	-37.74891	6.46	F7V	4557	103437	77 G. Cen	Centaurus	151.62788	0.528	

4561	HIP 58082	178.6772	-25.71388	5.272	G8III	4558	103462	303 G. Hy	Hydra	294.7559	0.883		
4562	HIP 58085	178.6859	-66.37619	6.36	F2IV		103482		Musca	141.1867	0.406		
4563	HIP 58103	178.7500	-63.27918	5.96	A2Ib	4563	103516	79 G. Cen	Centaurus	2566.931	0.21		
4564	HIP 5811(	178.7630	8.443942	5.569	K0III:	4559	103484	6 Vir	Virgo	167.6093	0.937		
4565	HIP 5811	178.8085	36.75637	6.49	M3III	4562	103500		UrsaMajo	588.4465	1.581		
4566	HIP 58158	178.9172	-28.4771(	5.893	K4III	4565	103596		Hydra	476.6089	1.499		
4567	HIP 5815	178.9188	15.64681	5.522	A3V	4564	103578	95 Leo	Leo	560.1366	0.116		
4568	HIP 58177	178.9782	-39.68951	6.131	K0III	4568	103637	80 G. Cen	Centaurus	484.3970	1.01		
4569	HIP 58181	178.9934(	56.59855	5.824	K1III	4566	103605	66 UMa	UrsaMajo	315.2805	1.101		
4570	HIP 5818	179.0039	-17.15082	5.16	A0V	4567	103632	η Crateris	Crater	285.4642	-0.022		
4571	HIP 58225	179.1259	57.87156	6.2	M5IIIv		103681		UrsaMajo	1075.907	1.335	6.2	9.4
4572	HIP 58242	179.1829	-47.07237	6.255	F5V	4570	103746	81 G. Cen	Centaurus	176.0260	0.407		
4573	HIP 5825	179.2218	61.54921	6.2	G8III	4569	103736		UrsaMajo	611.6316	0.955		
4574	HIP 58272	179.2656(	-33.31545	6.189	B9.5V	4571	103789	LV Hya	Hydra	377.7526	-0.044	6.2	6.23
4575	HIP 5832	179.4166	-62.44874	5.557	B4V	4573	103884		Crux	598.1645	-0.152		
4576	HIP 58369	179.5298	32.27390	6.422	A9V	4574	103928		UrsaMajo	154.5755	0.331		
4577	HIP 5837	179.5634	-56.31731	5.436	B8III	4576	103961		Crux	633.0107	-0.062		
4578	HIP 58427	179.6985	-64.33955	5.6	A1Ib	4578	104035		Crux	2834.782	0.174		
4579	HIP 5843	179.7265	-25.90885	6.416	A1IV/V	4579	104039	308 G. Hy	Hydra	890.7105	0.038		
4580	HIP 58445	179.7639(	0.530680	6.176	K2/3III	4580	104055	19 G. Vir	Virgo	597.0692	1.257		
4581	HIP 5845(	179.7890	-10.47589	6.48	K4III		104078	20 G. Vir	Virgo	860.1578	1.45		
4582	HIP 58452	179.7945(	-45.83222	6.337	B8/9V		104080	84 G. Cen	Centaurus	487.2952(	-0.081		
4583	HIP 58453	179.7952(	-51.69676	6.031	K1/2II	4582	104081	85 G. Cen	Centaurus	848.9597	1.277		
4584	HIP 5846(	179.8230	33.16700	5.96	K1II-III	4581	104075		UrsaMajo	670.7811	1.153		
4585	HIP 58469	179.8567	-62.83094	6.35	A8II		104111		Crux	7656.255	0.317		
4586	HIP 58484	179.9063	-78.22192	6.02	~	4583	104174	* eps Cha	Chamaele	364.2464	-0.054		
4587	HIP 58484	179.9065	-78.22181	5.33	~	4583	104174	* eps Cha	Chamaele	364.2464	-0.054		
4588	HIP 5851(	179.9871	3.655204(	5.345	A0V	4585	104181	7 Vir	Virgo	276.2714	-0.001		
4589	HIP 58512	179.9890(	34.03474	6.488	A9III	4584	104179		UrsaMajo	374.2840(	0.243		
4590	HIP 58545	180.0775	80.85318	6.17	M2III	4586	104216	FR Cam	Camelopa	819.0948	1.61		

4591	Tonatiuh	HIP 58952	180.0875	76.90573	5.8	K0	4609	104985		Camelopa	332.81008	1.01		
4592		HIP 58574	180.1759	-21.83749	6.255	K2III	4588	104307		Corvus	531.81052	1.22		
4593		HIP 58576	180.1852	-10.44612	5.55	G8IV	4587	104304		Virgo	42.07554	0.76		
4594		HIP 58587	180.2131	-19.65898	5.264	B2IV	4590	104337	31 Crt	Corvus	1752.6874	-0.192		
4595		HIP 58590	180.2182	6.614318	4.642	A5V	4589	104321	π Virginis	Virgo	355.89434	0.122		
4596		HIP 58603	180.2572	-1.768166	6.316	K1III	4591	104356	26 G. Vir	Virgo	613.93647	1.204		
4597		HIP 58642	180.3716	-57.50377	6.142	A0V	4592	104430		Crux	308.71234	-0.004		
4598			180.4083	36.0439	5.59	K1III			RX J1201.(	UrsaMajor				
4599		HIP 58654	180.4144	36.04207	5.57	K0III	4593	104438		UrsaMajo	361.82101	1.019		
4600		HIP 58697	180.5843	-85.63175	6.019	K3III	4595	104555		Octans	334.70106	1.29		
4601		HIP 58706	180.6186	-71.48898	6.423	K1III	4596	104570		Musca	420.64448	1.163		
4602		HIP 58720	180.6570	-69.19228	5.876	B9V	4597	104600		Musca	308.42024	-0.08		
4603		HIP 58741	180.7152	-7.683626	6.225	K4III	4598	104625	27 G. Vir	Virgo	710.24017	1.492		
4604		HIP 58758	180.7562	-63.31292	4.32	A3(m)A8-/	4599	104671	θ 1 Crucis	Crux	229.73946	0.28		
4605		HIP 58803	180.9148	-42.43405	5.15	F5V	4600	104731	88 G. Cen	Centaurus	78.896604	0.417		
4606		HIP 58810	180.9354	-74.21409	6.45	G6III	4601	104752		Musca	920.90470	1.198		
4607		HIP 58858	181.0691	21.45915(	6.15	~	4602	104827	* 2 Com A	ComaBere	358.63595	0.248		
4608		HIP 58859	181.0696	-51.47251	6.47	B9.5V		104839	90 G. Cen	Centaurus	388.09663	-0.046		
4609		HIP 58867	181.0800	-63.16569	4.716	B3V	4603	104841	θ 2 Crucis	Crux	752.88750	-0.081	4.7	4.74
4610		HIP 58874	181.1171	85.58713	6.265	F6V	4606	104904		Camelopa	248.66538	0.56		
4611		HIP 58884	181.1620	-68.32891	5.52	~	4604	104878A		Musca	339.22921	-0.012		
4612		HIP 58901	181.1885	-59.25325	6.2	B9Vn		104900		Crux	353.57973	-0.034		
4613		HIP 58905	181.1936	-76.51906	5.024	K4III	4605	104902	κ Chamae	Chamaele	440.54026	1.491		
4614		HIP 58921	181.2383	-60.96825	5.96	M2III	4607	104933		Crux	661.25864	1.691		
4615		HIP 58948	181.3022	8.733018	4.12	G8IIICN0.5	4608	104979	ο Virginis	Virgo	170.85960	0.967		
4616		HIP 58989	181.4154	62.93311	6.13	K1III-IV	4610	105043		UrsaMajo	373.42661	1.178		
4617		HIP 59003	181.4734	-65.54687	6.303	B8Ia	4611	105071		Musca	7225.4429	0.152		
4618		HIP 59008	181.4860	-35.69391	6.226	B8V	4612	105078	311 G. Hy	Hydra	727.67791	-0.073		
4619		HIP 59010	181.4992	-3.131590	6.364	G8/K0III	4613	105089	33 G. Vir	Virgo	498.47049	0.997		
4620		HIP 59046	181.5830	-68.65140	6.226	G3Ib	4614	105138		Musca	1884.3947	1.237		

4621		HIP 5905(	181.5958	-65.70944	6.06	K0III+A7V	4615	105151		Musca	565.9720	0.613		
4622		HIP 59072	181.7204(	-64.61373	4.136	F2V	4616	105211	η Crucis	Crux	64.18584(	0.353		
4623		HIP 59151	181.9578	-75.36701	5.165	K2II/III	4617	105340	λ Cha	Musca	437.5834	1.278		
4624			182.0202	-50.76364	6.362	B9V	4619	105383		Centaurus	376.7720(	-0.63		
4625		HIP 59173	182.0217	-50.66127	4.47	B5V	4618	105382	V863 Cen	Centaurus	375.5749(	-0.157		
4626		HIP 59184	182.0612(	-48.69251	5.34	B9.5/A0V	4620	105416	E Cen	Centaurus	589.5125	-0.01		
4627		HIP 59196	182.0895	-50.72242	2.52	B2Vne	4621	105435	δ Centaur	Centaurus	395.1512	-0.128	2.51	2.65
4628		HIP 5920(	182.1030	-60.84712	6.184	K3/4II	4622	105437		Crux	2158.942	1.733		
4629	Alchiba	HIP 59199	182.1034(	-24.72887	4.01	F1V	4623	105452	α Corvi	Corvus	48.14664	0.334		
4630		HIP 59229	182.2241	-44.32598	5.746	A2mA5-F2	4624	105509	V788 Cen	Centaurus	326.3261	0.24	5.74	5.93
4631		HIP 59232	182.2274	-41.23160	5.498	B3IVe	4625	105521	V817 Cen	Centaurus	2089.745	-0.097	5.47	5.58
4632		HIP 59291	182.4461	74.66135	6.34	F6IV	4627	105678		Draco	235.3792	0.511		
4633		HIP 59307	182.5106	-34.70474	6.17	A0V	4628	105686	315 G. Hy	Hydra	328.6276	0.03		
4634			182.5106(	-34.70477	6.35	~	4628	105686A		Hydra	328.6276	0.03		
4635		HIP 59316	182.5311(	-22.61976	2.98	K2+IIIa	4630	105707	ϵ Corvi	Corvus	303.2560	1.326		
4636		HIP 59352	182.6318	16.80927(	6.387	A4V	4632	105778	3 Com	ComaBere	903.0464	0.07		
4637		HIP 59353	182.6409(	-37.87034	6.063	A5V	4631	105776	97 G. Cen	Centaurus	233.5243	0.19		
4638		HIP 59364	182.6920(	27.28150(	5.987	A5V	4633	105805		ComaBere	307.5472	0.123		
4639		HIP 59384	182.7499	81.70983(	5.955	K5III:	4639	105943		Camelopa	1101.352	1.618		
4640		HIP 59389	182.7550(	-68.26097	6.48	K0/1III		105822		Musca	939.4801	1.352		
4641		HIP 59394	182.7659	-23.60242	5.47	A1V	4635	105850	3 Crv	Corvus	182.9405	0.055		
4642		HIP 59396	182.7712	-61.27742	6.071	F2III/IV	4634	105841		Crux	289.5203	0.398		
4643		HIP 59439	182.8811	-51.35933	6.23	G6III	4637	105920	100 G. Ce	Centaurus	174.0524	0.816		
4644		HIP 59449	182.9129	-52.36844	3.96	B3V	4638	105937	ρ Centaur	Centaurus	342.0784	-0.156		
4645		HIP 59458	182.9371(	57.05440	6.31	K5III	4641	106002	68 UMa	UrsaMajo	970.2382	1.505		
4646		HIP 59468	182.9632	25.87027	5.62	K5III	4640	105981	4 Com	ComaBere	774.3480	1.401		
4647		HIP 59489	183.0042	28.53631	6.457	F3V	4642	106022		ComaBere	262.9034	0.428		
4648		HIP 59501	183.0387(	20.54206	5.55	G8+IIICH0	4643	106057	5 Com	ComaBere	484.3970(	0.961		
4649		HIP 59504	183.0497(	77.61624	5.137	kA6hF0mI	4646	106112		Camelopa	109.7642	0.358	5.14	5.21
4650		HIP 59517	183.0915	-62.95077	5.98	B8Ia/ab	4644	106068		Crux	4865.682	0.253		

4651		HIP 59588	183.3039	-34.12527	6.47	M5.5SIII:	4647	106198	V335 Hya	Hydra	910.6161	1.449		
4652		HIP 59607	183.3543	-38.92918	5.75	B4III	4648	106231	102 G. Cer	Centaurus	2037.500	-0.144		
4653		HIP 59608	183.3580	10.26233	5.829	kA3hF2mI	4650	106251	12 Vir	Virgo	161.5461	0.262		
4654		HIP 59622	183.4033	-33.79291	6.46	~	4651	106257A	317 G. Hy	Hydra	405.9777	0.071		
4655		HIP 59647	183.4852	-78.57393	6.337	K2/3IIICNI	4649	106248		Chamaele	353.1950	1.234		
4656		HIP 59654	183.5112	-45.72391	5.6	~	4652	106321	* D Cen A	Centaurus	565.9720	1.4		
4657		HIP 59654	183.5112	-45.72391	5.31	K3III	4652	106321	D Cen	Centaurus	565.9720	1.4		
4658		HIP 59678	183.5705	-64.40851	6.235	B1.5Ia	4653	106343	DL Cru	Crux	7941.4778	0.075		
4659		HIP 59708	183.6808	53.43462	6.171	K0III:	4654	106478	1 CVn	UrsaMajo	504.6449	1.061		
4660		HIP 59728	183.7482	-20.84423	5.807	K0IIICNII	4655	106485		Corvus	352.8136	1.052		
4661		HIP 59742	183.7766	-29.23725	6.49	K0III		106500		Hydra	461.1043	1.086		
4662		HIP 59746	183.7853	70.20000	5.719	K2III	4659	106574		Draco	467.7188	1.179		
4663	Imai	HIP 59747	183.7863	-58.74892	2.752	B2IV	4656	106490	δ Crucis	Crux	363.8389	-0.193	2.78	2.84
4664		HIP 59750	183.7939	-10.31239	6.11	F9VFe-1.7	4657	106516	41 G. Vir	Virgo	73.52282	0.47		
4665		HIP 59767	183.8344	87.70011	6.259	F1IV	4686	107192	UY UMi	UrsaMino	151.7690	0.346		
4666	Megrez	HIP 59774	183.8564	57.03261	3.32	A2Vn	4660	106591	δ Ursae M	UrsaMajo	81.39832	0.077		
4667		HIP 59785	183.8768	-41.91327	6.23	K0III	4658	106572	104 G. Cer	Centaurus	347.1770	1.002		
4668		HIP 59796	183.9228	72.55119	6.29	K0+IIICH-1	4665	106677	DK Dra	Draco	450.2778	1.145	6.29	6.48
4669	Gienah	HIP 59803	183.9515	-17.54193	2.58	B8III	4662	106625	γ Corvi	Corvus	164.8129	-0.107		
4670		HIP 59819	184.0007	14.89906	5.09	A3V	4663	106661	6 Com	ComaBere	197.6956	0.068		
4671		HIP 59831	184.0314	40.66017	5.66	M0.5III	4666	106690	2 CVn	CanesVen	833.7583	1.586		
4672		HIP 59847	184.0855	23.94540	4.86	G8III-IIIb	4667	106714	7 Com	ComaBere	248.4756	0.957		
4673			184.0958	14.8433	5.1	A3			FAUST 305	ComaBerenices				
4674		HIP 59851	184.0992	-72.61449	6.196	A0V	4664	106676		Musca	333.3318	-0.006		
4675		HIP 59856	184.1255	33.06150	4.94	K0.5III-IIIb	4668	106760		ComaBere	306.1033	1.14		
4676		HIP 59895	184.2638	-16.69373	6.07	A2V	4670	106819		Corvus	539.7355	0.113		
4677		HIP 59898	184.2762	-65.69295	6.054	A0V	4669	106797		Musca	335.3921	0.021		
4678		HIP 59920	184.3733	53.19133	5.81	K6III	4672	106884		UrsaMajo	381.7331	1.33		
4679		HIP 59923	184.3773	28.93719	5.7	kA3hA6m	4673	106887		ComaBere	173.9595	0.16		
4680		HIP 59929	184.3928	-67.96073	4.02	M4III	4671	106849	ϵ Muscae	Musca	301.8519	1.603	3.99	4.31

4681		HIP 59941	184.4344	15.14469	6.32	K4III-IV	4676	106926		ComaBere	531.8105	1.384		
4682		HIP 5995(	184.4469	-36.09397	6.14	A0V	4675	106922	106 G. Ce	Centaurus	488.0254	0.008	12.03	13.13
4683		HIP 59984	184.5398	-3.948780	5.99	F1VkF2mF	4678	106976		Virgo	201.2346	0.363		
4684		HIP 6000(	184.5867	-79.31223	4.229	B4V	4674	106911	β Chamae	Chamaele	270.5396	-0.123		
4685		HIP 60009	184.6093	-64.00308	4.05	B2/3V	4679	106983	ζ Crucis	Crux	361.0190	-0.168		
4686		HIP 60018	184.6317	30.24904	6.226	A9IVn	4680	107054		ComaBere	180.5095	0.31		
4687		HIP 6003(	184.6679	-0.787184	5.897	A5IV/V	4681	107070	13 Vir	Virgo	326.0001	0.168		
4688		HIP 60044	184.7082	75.16056	5.46	A1V	4687	107193		Draco	288.7513	0.054		
4689		HIP 60059	184.7490	-55.14298	5.01	M1III	4682	107079	F Cen	Centaurus	381.2864	1.6		
4690		HIP 60066	184.7584	26.00835	6.433	A6:IV-Vm\	4684	107131	FM Com	ComaBere	248.0975	0.18	6.4	6.48
4691		HIP 60087	184.8299	23.03467	6.22	kA7hF2mI	4685	107168	8 Com	ComaBere	285.2145	0.177		
4692		HIP 60122	184.9529	48.98414	5.29	M0III	4690	107274	3 CVn	CanesVen	517.4599	1.623		
4693	Zaniah	HIP 60129	184.9764	-0.666796	3.9	A2IV	4689	107259	η Virginis	Virgo	249.6173	0.026		
4694		HIP 60157	185.0448	-22.17571	5.97	K0III+F/G	4691	107295		Corvus	473.8379	0.824		
4695		HIP 60168	185.0739	26.00187	6.1	F0IV	4694	107326		ComaBere	197.5759	0.306		
4696		HIP 6017(	185.0819	26.61947	5.51	K2.5III-IV	4693	107325		ComaBere	156.8816	1.091		
4697		HIP 60172	185.0874	3.312570	4.96	K0.5IIIbFe	4695	107328	16 Vir	Virgo	285.2145	1.172		
4698		HIP 60183	185.1175	-65.84265	6.186	B9V	4692	107301		Musca	322.7724	-0.041		
4699		HIP 60189	185.1401	-22.21590	5.21	B8V	4696	107348	ζ Corvi	Corvus	384.8887	-0.09		
4700		HIP 60202	185.1792	17.79286	4.74	G8+IIIFe-1	4697	107383	11 Com	ComaBere	360.7943	1.01		
4701		HIP 6021(	185.2029	15.54099	6.45	G7II-III		107415		ComaBere	478.7083	1.025		
4702		HIP 60212	185.2120	57.86411	5.524	K5III	4701	107465	70 UMa	UrsaMajo	701.0762	1.452		
4703		HIP 60221	185.2321	-13.56572	5.139	K0III	4699	107418		Corvus	196.2674	1.048		
4704	Ginan	HIP 6026(	185.3400	-60.40114	3.57	K3III	4700	107446	ϵ Crucis	Crux	227.9722	1.389		
4705		HIP 60305	185.4843	47.18220	6.325	K2III		107610		CanesVen	307.2573	1.115		
4706		HIP 60308	185.4892	-56.37438	5.884	K4III+(F)	4702	107543		Crux	1743.314	1.533		
4707		HIP 6032(	185.5305	-67.52210	5.146	A5V	4703	107566	ζ 2 Musca	Musca	335.7377	0.195		
4708		HIP 60327	185.5451	24.77386	6.162	A2IV	4705	107655		ComaBere	326.9813	-0.012		
4709		HIP 60329	185.5501	-68.30733	5.723	K0III	4704	107567	ζ 1 Musca	Musca	395.6304	1.038		
4710		HIP 60351	185.6262	25.84615	4.81	F6III+A3V	4707	107700	12 Com A	ComaBere	273.2608	0.515		

4711		HIP 60353	185.6334	5.305446	6.47	F8V	4708	107705	17 Vir	Virgo	97.22628	0.567		
4712		HIP 60379	185.7059	-57.67613	5.366	B7Vn	4706	107696		Crux	341.7198	-0.098		
4713		HIP 60417	185.8078	-67.63154	6.39	G8/K0IV	4710	107773		Musca	165.5663	0.887		
4714		HIP 60418	185.8140	-4.974502	6.46	K0III		107794	49 G. Vir	Virgo	454.6723	1.189		
4715		HIP 60421	185.8286	-11.81211	6.494	M2III		107814	TT Crv	Corvus	881.0805	1.64	6.47	6.57
4716		HIP 60425	185.8399	-24.84067	5.658	K1III	4711	107815	6 Crv	Corvus	315.8915	1.153		
4717		HIP 60449	185.8975	-35.41267	5.311	B8/9V	4712	107832	x1 Cen	Centaurus	408.5205	-0.066		
4718		HIP 60454	185.9030	-39.30236	6.381	F2V	4713	107833	112 G. Ce	Centaurus	389.0224	0.285		
4719		HIP 60455	185.9070	-61.62912	6.42	F7Ib/II		107805		Crux	1654.822	0.67	6.4	7.23
4720		HIP 60463	185.9364	-38.91137	5.782	B8/9V	4714	107860	114 G. Ce	Centaurus	342.4370	-0.064		
4721		HIP 60467	185.9458	42.54273	6.022	F3III-IV	4715	107904	4 CVn	CanesVen	334.3587	0.366	5.89	6.15
4722		HIP 60468	185.9492	-30.33541	6.42	K5III		107869	320 G. Hy	Hydra	802.9546	1.572		
4723		HIP 60485	186.0062	51.56225	4.761	G7IIIBa0.3	4716	107950	5 CVn	CanesVen	392.7714	0.877		
4724		HIP 60514	186.0772	26.09858	5.18	A3V	4717	107966	13 Com	ComaBere	284.2199	0.082	5.15	5.18
4725		HIP 60549	186.1863	-41.38429	6.327	K2/3III	4718	107998	116 G. Ce	Centaurus	497.7109	1.169		
4726		HIP 60584	186.2633	56.77782	5.81	M3III	4726	108135	71 UMa	UrsaMajo	1189.783	1.622		
4727		HIP 60589	186.2765	63.80277	6.308	G8III	4727	108150		Draco	515.8234	0.919		
4728		HIP 60591	186.2854	-42.51431	6.094	G5III+F/G	4721	108063		Centaurus	171.9409	0.652		
4729		HIP 60595	186.2990	-11.61058	5.926	A1V	4722	108107	50 G. Vir	Virgo	210.4585	0.043		
4730		HIP 60599	186.3129	23.92620	6.02	K1III	4725	108123		ComaBere	496.9513	1.094		
4731		HIP 60601	186.3230	-65.76985	6.304	G8/K0IV	4720	108054		Musca	156.2052	0.965		
4732		HIP 60603	186.3267	-27.74900	6.081	K3III	4723	108110	322 G. Hy	Hydra	642.9993	1.272		
4733		HIP 60610	186.3405	-35.18641	5.707	B9IV/V	4724	108114	x2 Cen	Centaurus	420.1033	-0.066		
4734		HIP 60638	186.4093	-86.15061	6.329	K0III	4709	107739		Octans	765.2592	1.065		
4735		HIP 60646	186.4622	39.01861	5.01	G9III	4728	108225	6 CVn	CanesVen	227.1777	0.955		
4736		HIP 60697	186.6002	27.26823	4.95	F1IV:npS_	4733	108283	14 Com	ComaBere	273.4899	0.277		
4737			186.6286	-63.12223	4.822	B3/5V	4729	108250		Crux	320.0001	-0.143		
4738		HIP 60710	186.6323	-51.45063	4.808	B3V(n)	4732	108257	G Cen	Centaurus	399.5098	-0.141		
4739	Acrux	HIP 60718	186.6495	-63.09909	0.76	B0.5IV + B1V				Crux	321	-0.26		
4740			186.6495	-63.09909	1.28	B0.5IV	4730	108248	* alf01 Cr	Crux		-0.18		

4741			186.6518	-63.09952	1.58	B1V	4731	108249	* alf02 Cr	Crux		-0.17		
4742		HIP 60729	186.7005	-48.91319	6.26	G2V	4734	108309	120 G. Ce	Centaurus	86.93485	0.674		
4743		HIP 60735	186.7153	-32.83012	5.558	B9V	4735	108323	323 G. Hy	Hydra	510.9725	0.007		
4744		HIP 60742	186.7344	28.26842	4.34	K1IIIFe0.5	4737	108381	γ Comae E	ComaBere	169.9686	1.128		
4745		HIP 60746	186.7470	26.82570	4.959	A4V	4738	108382	16 Com	ComaBere	282.0070	0.088		
4746		HIP 60771	186.8534	-63.78898	6.023	B8IV	4736	108355		Crux	657.2586	0.052		
4747		HIP 60780	186.8701	-58.31644	6.33	K4III		108395		Crux	873.9965	1.612		
4748		HIP 60781	186.8703	-58.99177	5.5	M4/5III	4739	108396	BL Cru	Crux	565.9720	1.543	5.43	5.78
4749		HIP 60795	186.8962	55.71272	5.7	M2III	4745	108502	73 UMa	UrsaMajo	438.7635	1.582		
4750		HIP 60804	186.9253	8.610343	6.342	G8III	4741	108471	51 G. Vir	Virgo	718.0609	0.935		
4751		HIP 60809	186.9560	-16.63184	6.294	G4III	4742	108477		Corvus	1278.432	0.868		
4752		HIP 60813	186.9647	-4.615276	6.21	F5IVn	4746	108506	FT Vir	Virgo	299.0826	0.43	6.2	6.24
4753		HIP 60823	187.0099	-50.23063	3.91	B2V	4743	108483	σ Centaur	Centaurus	442.9363	-0.192		
4754		HIP 60851	187.0802	-64.34098	6.09	A0V	4744	108501		Crux	317.1208	0.022		
4755		HIP 60855	187.0936	-39.04116	5.439	B8/9V	4748	108541	u Cen	Centaurus	426.7015	-0.073		
4756		HIP 60861	187.1070	-61.79484	6.22	K2III	4747	108530		Crux	493.9390	1.253		
4757		HIP 60870	187.1399	-56.40781	6.13	K0/1III	4749	108570		Crux	137.6688	0.92		
4758		HIP 60904	187.2279	25.91285	5.236	B9VCrEu	4752	108662	17 Com	ComaBere	270.3150	-0.056	5.23	5.4
4759		HIP 60941	187.3626	24.10892	5.468	F5IV	4753	108722	18 Com	ComaBere	215.8942	0.445		
4760		HIP 60957	187.4301	20.89610	5.679	A3V	4756	108765	20 Com	ComaBere	253.8941	0.093		
4761	Algorab	HIP 60965	187.4660	-16.51543	2.94	A0IV(n)kB	4757	108767	δ Corvi	Corvus	87.8469	-0.012		
4762		HIP 60969	187.4758	-56.52493	5.776	M1III	4754	108732		Crux	562.0698	1.572		
4763		HIP 60978	187.4888	58.40574	5.347	A8V	4760	108844	74 UMa	UrsaMajo	274.4109	0.205		
4764		HIP 60979	187.4912	-41.73589	6.02	M2III	4755	108759	V928 Cen	Centaurus	918.3097	1.515		
4765		HIP 60992	187.5177	58.76777	6.065	G8III-IV	4762	108861	75 UMa	UrsaMajo	427.8229	0.988		
4766			187.5198	-13.39319	6.49	G0.1	4758	108799A		Corvus	81.4390	0.591		
4767		HIP 60998	187.5277	69.20110	4.95	M3+IIIa	4765	108907	CQ Dra	Draco	581.1049	1.621	4.95	5.04
4768		HIP 61015	187.5726	-23.69641	5.63	M0III	4759	108821		Corvus	898.0716	1.67		
4769		HIP 61071	187.7523	24.56716	5.436	A2pv	4766	108945	21 Com	ComaBere	310.7723	0.056	5.41	5.46
4770	Gacrux	HIP 61084	187.7914	-57.11321	1.64	M3.5III	4763	108903	γ Crucis	Crux	87.8942	1.6		

4771			187.8196	-57.08133	6.45	A3IVn	4764	108925		Crux		0.13		
4772		HIP 61103	187.8392	7.604308	6.034	K5	4770	108985	56 G. Vir	Virgo	795.1208	1.523		
4773		HIP 61134	187.9113	-5.052593	6.172	G8III	4772	109014	57 G. Vir	Virgo	401.9744	1.041		
4774		HIP 61136	187.9180	-59.42392	5.53	F7Ib/II	4768	108968	BG Cru	Crux	1680.413	0.622	5.34	5.58
4775		HIP 61158	187.9838	-63.50583	5.946	A8III	4771	109000		Crux	240.4130	0.263		
4776		HIP 61174	188.0176	-16.19600	4.294	F2V	4775	109085	η Corvi	Corvus	59.35909	0.388		
4777		HIP 61172	188.0182	-32.53376	6.46	A3V	4774	109074	325 G. Hy	Hydra	567.9443	0.172		
4778		HIP 61181	188.0415	-73.00105	5.874	K1III	4769	108970		Musca	341.3612	1.078		
4779		HIP 61199	188.1167	-72.13298	3.88	B5V+A:	4773	109026	γ Muscae	Musca	323.7340	-0.157		
4780		HIP 61208	188.1366	-21.21211	6.39	K0III		109132		Corvus	419.0242	1.11		
4781		HIP 61212	188.1499	-13.85910	5.726	F2V(n)	4776	109141		Corvus	120.4730	0.376		
4782		HIP 61246	188.2619	10.29567	6.28	G8III	4777	109217	20 Vir	Virgo	471.0995	0.953		
4783		HIP 61270	188.3426	-19.79248	6.254	F0IV/V	4778	109238		Corvus	432.3609	0.304		
4784		HIP 61281	188.3705	69.78823	3.89	B6IIIe	4787	109387	κ Draconis	Draco	497.7109	-0.116	3.82	4.01
4785		HIP 61283	188.3742	38.06904	6.49	K1III		109305		CanesVen	506.2129	1.044		
4786		HIP 61295	188.3925	24.28298	6.243	A4Vm	4780	109307	22 Com	ComaBere	346.4403	0.114		
4787		HIP 61296	188.3927	-12.83020	5.582	G8III/IV	4779	109272		Corvus	158.4064	0.861		
4788		HIP 61309	188.4121	33.24758	5.38	K0III	4783	109317		CanesVen	265.9055	1.011		
4789	Chara	HIP 61317	188.4356	41.35747	4.25	G0V	4785	109358	β Canum	CanesVen	27.63418	0.61		
4790		HIP 61318	188.4447	-9.452077	5.48	B9V	4781	109309	21 Vir	Virgo	261.4276	-0.035		
4791		HIP 61320	188.4475	33.38466	6.23	K0III	4784	109345		CanesVen	374.2840	1.051		
4792		HIP 61328	188.4962	-49.90981	6.38	F3III/IV	4782	109312	126 G. Ce	Centaurus	219.5288	0.428		
4793	Kraz	HIP 61359	188.5968	-23.39676	2.64	G5IIBa0.3	4786	109379	β Corvi	Corvus	139.6744	0.893		
4794		HIP 61379	188.6766	-44.67301	5.76	G3IV	4788	109409	127 G. Ce	Centaurus	92.48233	0.683		
4795		HIP 61384	188.6834	70.02177	4.946	K2.5IIIFe-2	4795	109551	6 Dra	Draco	546.0632	1.312		
4796	Phyllon Ki	HIP 61394	188.7128	22.62920	4.773	A0mA1IV	4789	109485	23 Com	ComaBere	364.6539	0.012		
4797		HIP 61404	188.7268	-67.75689	6.23	M6II/III		109372	BO Mus	Musca	1003.076	1.514	5.85	6.56
4798			188.7542	36.3717	6.3	Open Cluster			C 1232+36	CanesVenatici				
4799		HIP 61415	188.7764	18.37709	6.276	A9V	4791	109510		ComaBere	2629.034	0.265		
4800		HIP 61418	188.7823	18.37705	5.02	K0II-III	4792	109511	24 Com A	ComaBere	613.9364	1.152		

4801	HIP 6142(	188.7840	21.88138	5.86	K2II-III	4793	109519		ComaBere	652.0002	1.242		
4802	HIP 61443	188.8726	-61.84152	6.22	G3III	4790	109492		Crux	151.0658	0.731		
4803	HIP 61468	188.9397	-41.02194	5.114	A7V	4794	109536	128 G. Ce	Centaurus	112.7246	0.224		
4804	HIP 61496	188.9949	-20.52747	6.184	F0V	4797	109585	TU Crv	Corvus	251.1557	0.34	6.53	6.555
4805	HIP 61498	189.0042	-39.86950	5.774	A0V	4796	109573	129 G. Ce	Centaurus	218.6453	0.003		
4806	HIP 61532	189.0977	59.48693	5.5	M4-7e	4800	109729		UrsaMajo	3296.507	1.21	6.6	13.5
4807	HIP 61557	189.1941	-50.33539	6.39	A0V		109675	130 G. Ce	Centaurus	358.6360	0.026		
4808	HIP 61558	189.1973	-5.831900	5.88	A3V	4799	109704	25 Vir	Virgo	224.2092	0.072		
4809	HIP 61571	189.2430	17.08953	5.66	K4III	4801	109742	25 Com	ComaBere	518.2847	1.436		
4810	HIP 61585	189.2959	-69.13556	2.649	B2IV	4798	109668	α Muscae	Musca	305.5296	-0.176	2.68	2.73
4811	HIP 61622	189.4256	-48.54130	3.86	A1IVnn	4802	109787	τ Centauri	Centaurus	131.6108	0.049		
4812	HIP 61621	189.4261	-27.13888	5.41	F2IV	4803	109799	328 G. Hy	Hydra	112.7637	0.334		
4813	HIP 61637	189.5183	3.282444	6.334	A0V	4805	109860	68 G. Vir	Virgo	649.4020	0		
4814	HIP 61658	189.5933	1.854661	5.71	M3+IIICa	4807	109896	FW Vir	Virgo	500.7687	1.592	5.63	5.75
4815	HIP 61688	189.6858	-18.25010	5.982	F0V	4809	109931		Corvus	202.8627	0.31		
4816	HIP 61692	189.6928	40.87466	6.352	A6Vp_lB	4811	109980	9 CVn	CanesVen	213.4906	0.204		
4817	HIP 61703	189.7181	-67.19304	6.265	B0.5/1Iab	4806	109867	KY Mus	Musca	108666.5	0.007		
4818	HIP 61719	189.7590	22.65949	6.37	K1III	4812	109996		ComaBere	364.2464	1.096		
4819	HIP 6172(	189.7643	-30.42237	5.866	K2/3III	4810	109960	329 G. Hy	Hydra	546.9793	1.207		
4820	HIP 61724	189.7804	21.06258	5.49	G9IIIb	4815	110024	26 Com	ComaBere	286.2160	0.978		
4821	HIP 6174(	189.8115	-7.995564	4.643	K2+IIICN0	4813	110014	χ Virginis	Virgo	293.5408	1.24		
4822	HIP 61748	189.8202	35.95195	6.385	A0pSrCrEu	4816	110066		CanesVen	505.4273	0.095	6.32	6.55
4823	HIP 61789	189.9688	-39.98730	4.64	B8II/III	4817	110073	l Cen	Centaurus	354.7337	-0.082		
4824	HIP 61796	189.9827	-66.51113	6.252	B8V	4814	110020	FH Mus	Musca	353.1950	-0.05	6.26	6.29
4825	HIP 6191(	190.3164	-13.01389	5.843	F6III	4821	110317		Corvus	265.8424	0.417		
4826	HIP 6191(	190.3176	-13.01486	5.822	F5V	4822	110318		Corvus	257.4244	0.42		
4827	HIP 61916	190.3457	-46.14558	5.816	K3/5III	4818	110287	133 G. Ce	Centaurus	797.0670	1.475		
4828	HIP 61932	190.3792	-48.95957	2.88	A0IV	4819	110304	* gam Cer	Centaurus	130.3478	-0.023		
4829	HIP 61932	190.3793	-48.95991	2.82	A1IV	4819	110304	* gam Cer	Centaurus	130.3478	-0.023		
4830	HIP 61932	190.3793	-48.95987	2.17	A1IV+A0IV	4819	110304	γ Centaur	Centaurus	130.3478	-0.023		

4831		HIP 61936	190.3912	62.71303	6.02	A2III	4833	110462	76 UMa	UrsaMajo	581.1049	0.051		
4832		HIP 61937	190.3932	10.42626	6.215	A6Vp	4824	110377	27 Vir	Virgo	223.2879	0.192	6.19	6.33
4833			190.4147	-1.449402	3.49	F0mF2V	4826	110380	* gam Vir	Virgo				
4834	Porrima	HIP 61941	190.4151	-1.449403	2.74	F1-F2V	4825	110379	γ Virginis	Virgo	38.56615	0.368		
4835		HIP 61951	190.4558	-19.75909	6.03	F2V	4827	110385		Corvus	216.1804	0.397		
4836		HIP 61960	190.4710	10.23562	4.88	A0Va_lB	4828	110411	ρ Virginis	Virgo	120.2953	0.076	4.88	4.9
4837		HIP 61966	190.4857	-59.68582	4.94	B5III	4823	110335	CH Cru	Crux	1034.919	-0.044	4.88	5.7
4838		HIP 61968	190.4879	6.806615	5.573	A2V	4829	110423	31 Vir	Virgo	243.8295	0.002		
4839		HIP 61981	190.5209	-69.40755	6.33	F7Ib	4820	110311	R Mus	Musca	1928.994	0.75	5.93	6.73
4840		HIP 62012	190.6477	-48.81311	4.66	K0III	4831	110458	w Cen	Centaurus	188.3306	1.075		
4841		HIP 62026	190.7073	-55.94702	6.057	B9V	4832	110461		Crux	371.7216	-0.023		
4842		HIP 62027	190.7094	-63.05862	5.31	B0.5IVpe	4830	110432		Crux	981.9286	0.195	5.24	5.45
4843		HIP 62046	190.7672	61.15542	6.378	K0	4840	110678		UrsaMajo	477.3065	1.268		
4844		HIP 62058	190.7882	-56.17622	5.982	B7/8V	4834	110506		Crux	413.7072	-0.074		
4845		HIP 62081	190.8594	-40.17784	6.43	A7III	4836	110575	137 G. Ce	Centaurus	234.5323	0.242		
4846		HIP 62084	190.8680	-58.90274	6.42	K0/1III	4835	110532		Crux	666.6669	1.092		
4847		HIP 62103	190.9085	-1.576995	5.918	G8III	4837	110646	79 G. Vir	Virgo	228.6115	0.85		
4848		HIP 62128	190.9944	-36.34915	6.369	B8/9V	4838	110653	138 G. Ce	Centaurus	973.1331	-0.06		
4849		HIP 62131	191.0022	-28.32395	5.454	K3III	4839	110666	330 G. Hy	Hydra	396.5954	1.346		
4850		HIP 62170	191.1083	80.62102	6.34	A5m	4852	111112		Camelopa	462.4116	0.16		
4851		HIP 62172	191.1129	44.10300	6.335	F6IVn	4843	110834		CanesVen	297.9892	0.469		
4852		HIP 62207	191.2475	39.27891	5.95	F9V_Fe-0.	4845	110897	10 CVn	CanesVen	56.62688	0.557		
4853		HIP 62212	191.2585	-68.83075	6.162	F5Ib	4841	110716		Musca	1940.476	0.688		
4854	La Superb	HIP 62223	191.2826	45.44025	4.87	C-N5	4846	110914		CanesVen	710.2401	2.994		
4855		HIP 62267	191.4044	7.673324	5.207	F0IIIm	4847	110951	d2 Vir	Virgo	244.0120	0.322	5.2	5.28
4856		HIP 62268	191.4085	-60.98132	4.686	K0III	4842	110829	ι Crucis	Crux	124.5701	1.049		
4857		HIP 62322	191.5699	-68.10809	3.55	B2V	4844	110879	* bet Mus	Musca	311.0686	-0.178		
4858		HIP 62322	191.5705	-68.10787	4	B3V	4844	110879	* bet Mus	Musca	311.0686	-0.178		
4859		HIP 62327	191.5946	-56.48881	4.62	B2/3V	4848	110956		Crux	395.6304	-0.15		
4860		HIP 62356	191.6615	16.57768	5.12	K4III	4851	111067	27 Com	ComaBere	321.8165	1.346		

4861		HIP 62360	191.69261	-33.31548	5.869	K3III	4850	111032	140 G. Cer	Centaurus	383.52937	1.326			
4862			191.7542	11.9483	6.1	A3			FAUST 346	Virgo					
4863		HIP 62376	191.75962	5.950388	6.34	A0VspSrC	4854	111133	EP Vir	Virgo	523.27584	-0.013	6.29	6.39	
4864		HIP 62394	191.80682	11.95808	6.09	A4V(n)	4855	111164	34 Vir	Virgo	243.10221	0.122			
4865		HIP 62402	191.82896	62.78115	5.89	A9V	4859	111270		UrsaMajo	205.67836	0.215			
4866		HIP 62421	191.88926	-6.301751	6.26	F7V	4856	111199	85 G. Vir	Virgo	216.03735	0.538			
4867	Tianyi	HIP 62423	191.89309	66.79030	5.423	K5III	4863	111335		Draco	778.04166	1.567			
4868	Mimosa	HIP 62434	191.93028	-59.68877	1.25	B1IV	4853	111123	β Crucis	Crux	280.00011	-0.238	1.23	1.31	
4869		HIP 62443	191.96422	3.572714	6.41	M0/1III	4858	111239	35 Vir	Virgo	573.94278	1.596			
4870		HIP 62448	191.97351	-24.85165	6.405	B8V	4857	111226	332 G. Hy	Hydra	853.40312	-0.058			
4871		HIP 62500	192.10940	-27.59738	5.658	G8III	4860	111295	333 G. Hy	Hydra	303.82104	0.947			
4872		HIP 62512	192.16436	60.31973	5.831	F7V	4867	111456		UrsaMajo	78.762936	0.467			
4873		HIP 62516	192.17417	48.46684	6.245	kA6hA7Vr	4866	111421	11 CVn	CanesVen	463.06687	0.195			
4874		HIP 62541	192.22588	14.12258	5.681	A1V	4865	111397	29 Com	ComaBere	402.46997	0.024			
4875		HIP 62561	192.27779	83.41783	5.85	A0V+A2V	4892	112014	Σ 1694 B	Camelopa	222.07095	0.015			
4876		HIP 62572	192.30722	83.41289	5.35	A1IV_sh	4893	112028	Σ 1694 A	Camelopa	303.25606	0.033			
4877		HIP 62576	192.32271	27.55237	5.78	A1Van	4869	111469	30 Com	ComaBere	326.98138	0.051			
4878		HIP 62600	192.40848	48.74002	6.495	K1III		111572		CanesVen	496.95132	1.135			
4879		HIP 62608	192.43733	-71.98624	5.543	G7IIIBa1	4862	111315		Musca	525.80559	1.154			
4880		HIP 62641	192.54475	37.51693	5.872	A5Vp_lB	4875	111604		CanesVen	386.71438	0.17	6.04	6.07	
4881		HIP 62653	192.57206	22.86341	6.43	K0III	4873	111591		ComaBere	435.24602	1.002			
4882		HIP 62655	192.58119	-48.45954	6.257	A0V	4871	111519	141 G. Cer	Centaurus	570.92727	0.046			
4883		HIP 62683	192.67151	-33.99934	4.894	B9V	4874	111597	p Cen	Centaurus	388.55955	-0.031			
4884		HIP 62703	192.74115	-52.78742	5.7	A5V	4872	111588	142 G. Cer	Centaurus	382.17973	0.127			
4885		HIP 62732	192.82496	-60.32978	5.72	B9.5Iab	4876	111613	DS Cru	Crux	2990.8261	0.344			
4886		HIP 62743	192.84555	-10.33820	6.471	K0III/IV	4877	111720	88 G. Vir	Virgo	385.79833	1.03			
4887		HIP 62757	192.90370	3.056786	6.003	K2III	4878	111765	37 Vir	Virgo	582.14168	1.288			
4888		HIP 62763	192.92466	27.54071	4.94	G0IIIp	4883	111812	31 Com	ComaBere	306.96824	0.681	4.87	4.97	
4889		HIP 62786	192.98721	-39.68043	5.969	B7/8V	4879	111774	145 G. Cer	Centaurus	465.04896	-0.098			
4890		HIP 62788	192.99123	-26.73827	6.141	F0VkA1m	4881	111786	MO Hya	Hydra	196.14939	0.232	6.15	6.21	

4891		HIP 62799	193.0226	-48.09427	6.304	A0V	4880	111775	144 G. Cer	Centaurus	478.7083	0.04		
4892		HIP 62807	193.0510	17.07394	6.28	M4	4884	111862	32 Com	ComaBere	1831.462	1.622		
4893		HIP 62821	193.1024	-53.82993	6.262	G8Ib/II	4882	111790	147 G. Cer	Centaurus	1090.300	1.106		
4894		HIP 62825	193.1145	16.12249	6.285	A7V	4886	111893		ComaBere	364.2464	0.173		
4895		HIP 62861	193.2673	-54.95247	5.908	K2III	4885	111884	148 G. Cer	Centaurus	378.6295	1.309		
4896		HIP 62867	193.2787	-48.94331	4.33	K3/4III	4888	111915	e Cen	Centaurus	302.6927	1.344		
4897		HIP 62875	193.2964	-3.553097	6.11	F6V	4891	111998	38 Vir	Virgo	106.0162	0.493		
4898		HIP 62886	193.3239	21.24494	4.91	G7III+F:	4894	112033	35 Com	ComaBere	324.0558	0.904		
4899		HIP 62886	193.3239	21.24498	5.04	G7III	4894	112033A	* 35 Com	ComaBere	324.0558	0.904		
4900		HIP 62894	193.3412	-60.32848	5.77	B9Iab	4887	111904		Crux	4024.699	0.295		
4901		HIP 62896	193.3591	-40.17891	4.27	A4IV	4889	111968	n Cen	Centaurus	155.0166	0.224		
4902		HIP 62915	193.4088	-4.224638	6.439	K1III	4896	112048	91 G. Vir	Virgo	339.2292	1.094		
4903		HIP 62931	193.4538	-60.37624	5.94	B5I	4890	111973	κ Crucis	Crux	6444.506	0.2		
4904		HIP 62933	193.4571	12.41839	6.241	kA7hF0mI	4900	112097	41 Vir	Virgo	198.7805	0.282		
4905	Alioth	HIP 62956	193.5072	55.95982	1.77	A1III-IVpk	4905	112185	ϵ Ursae M	UrsaMajo	80.89334	-0.022	1.76	1.78
4906		HIP 62972	193.5545	33.53447	6.3	A7V	4904	112171		CanesVen	242.7403	0.207		
4907		HIP 62983	193.5777	-11.64856	5.975	A1V	4901	112131	92 G. Vir	Virgo	217.6236	0.068		
4908		HIP 62985	193.5881	-9.538988	4.8	M3-III	4902	112142	ψ Virginis	Virgo	416.8791	1.59	4.73	4.96
4909		HIP 63003	193.6484	-57.17792	4.04	B2IV-V	4898	112092	μ 1 Crucis	Crux	377.3158	-0.18		
4910		HIP 63005	193.6536	-57.16866	5.2	B5Vne	4899	112091	μ 2 Crucis	Crux	361.0190	-0.089	4.99	5.18
4911		HIP 63007	193.6632	-59.14670	4.602	B3Vne	4897	112078	λ Crucis	Crux	359.8226	-0.153	4.62	4.64
4912		HIP 63024	193.7355	47.19672	5.84	M5-III-IIIa	4909	112264	TU CVn	CanesVen	704.1048	1.451	5.55	6.6
4913		HIP 63033	193.7439	-44.15193	5.89	F9Vp	4903	112164	151 G. Cer	Centaurus	129.5192	0.633		
4914		HIP 63031	193.7450	-85.12336	5.83	~	4870	111482	* iot Oct A	Octans	370.8772	0.991		
4915		HIP 63066	193.8309	-42.91573	5.445	M0III	4906	112213	152 G. Cer	Centaurus	601.4767	1.668		
4916	Taiyi	HIP 63076	193.8689	65.43847	5.225	F3IV	4916	112429		Draco	94.02952	0.303		
4917	Minelauva	HIP 63090	193.9008	3.397468	3.38	M3+III	4910	112300	δ Virginis	Virgo	202.3587	1.571		
4918		HIP 63109	193.9718	-15.32702	6.174	A0V	4911	112304		Corvus	669.4053	-0.001		
4919		HIP 63117	193.9880	-56.83580	5.32	O8.5Iab(f)	4908	112244		Crux	1884.394	0.01		
4920		HIP 63121	194.0017	38.31485	5.6	F2V	4914	112412	α 1 Canun	CanesVen	81.60207	0.337		

4921	Cor Caroli	HIP 63125	194.00694	38.31837	2.88	A0VpSiEu	4915	112413	α 2 Canun	CanesVen	110.13523	-0.115	2.84	2.98
4922			194.07318	54.09949	6.02	kA2hA8m	4917	112486A		UrsaMajo	255.88695	0.204		
4923		HIP 63152	194.10796	65.99439	6.34	C-N3III:		112559		Draco	1590.2448	3.269	6.03	8
4924		HIP 63165	194.13203	-72.18521	5.928	G8III	4907	112219		Musca	698.07384	1.115		
4925		HIP 63204	194.24259	-54.58735	6.485	ApSiCr		112381	155 G. Cer	Centaurus	328.96021	-0.042	6.7	6.705
4926		HIP 63210	194.26813	-51.19875	5.159	B2IV	4913	112409	H Cen	Centaurus	479.41252	-0.066		
4927		HIP 63211	194.28248	46.17679	6.11	K0III-IV	4919	112570		CanesVen	343.88123	1.012		
4928		HIP 63220	194.30280	-12.06694	6.34	M1III		112495	98 G. Vir	Virgo	642.99938	1.491		
4929		HIP 63243	194.38803	-22.75349	6.303	K0III	4918	112519	337 G. Hy	Hydra	406.99160	1.069		
4930		HIP 63297	194.57854	64.92553	6.44	K0		112826		Draco	831.63282	1.15		
4931		HIP 63340	194.69724	75.47252	5.99	K0III	4927	113049		Draco	477.30655	1.03		
4932		HIP 63355	194.73101	17.40944	5	M0.5III	4920	112769	36 Com	ComaBere	298.80846	1.568		
4933		HIP 63414	194.91472	-3.81193	6.791	A3III	4921	112846	44 Vir	Virgo	297.71701	0.203		
4934		HIP 63432	194.97946	66.59726	5.368	K0III	4928	113092	9 Dra	Draco	576.99087	1.282		
4935		HIP 63462	195.06862	30.78502	4.88	G9IIICH-2	4924	112989	37 Com	ComaBere	898.07165	1.165	4.9	5.05
4936		HIP 63490	195.13600	-33.50509	6.007	F3V	4922	112935	162 G. Cer	Centaurus	130.50438	0.386		
4937		HIP 63494	195.14977	-3.36848	6.07	~	4925	112992	* 46 Vir A	Virgo	344.24635	1.119		
4938		HIP 63503	195.18195	56.36635	5.02	~	4931	113139A	* 78 UMa	UrsaMajo	81.378110	0.368		
4939		HIP 63503	195.18208	56.36633	4.93	F2V	4931	113139	78 UMa	UrsaMajo	81.378110	0.368		
4940		HIP 63533	195.29006	17.12314	5.93	G9III	4929	113095	38 Com	ComaBere	400.49115	0.971		
4941	Mizar	HIP 65378	195.39876	54.92536	2.22	A2Vp	5054	116656	ζ Ursae M	UrsaMajo	81.106704	0.051		
4942	Vindemiat	HIP 63608	195.54415	10.95914	2.79	G8III-IIIb	4932	113226	ϵ Virginis	Virgo	102.19453	0.934		
4943		HIP 63613	195.56773	-71.54885	3.61	K2III	4923	112985	δ Muscae	Musca	90.782565	1.19		
4944			195.77221	-71.47572	6.06	~	4930	113120A		Musca	1574.8804	0.002		
4945		HIP 63688	195.77223	-71.47573	6.03	B2IVne	4930	113120	LS Mus	Musca	1574.8804	0.002		
4946		HIP 63724	195.88877	-49.52726	4.826	A0V	4933	113314	ξ 1 Centau	Centaurus	217.76906	0.029		
4947			195.94194	-20.58335	6.3	F8	4935	113415A		Virgo	93.436538	0.554		
4948			195.94213	-20.58351	6.32	~	4935	113415B		Virgo	93.436538	0.554		
4949		HIP 63820	196.20097	-41.19632	6.249	M3/4III	4938	113523	V789 Cen	Centaurus	1172.6615	1.649	6.22	6.31
4950		HIP 63822	196.20727	73.02497	6.41	kA5hA9m	4950	113889		UrsaMino	396.11296	0.218		

4951		HIP 63849	196.2777	-47.11690	6.426	F3III		113537	168 G. Cer	Centaurus	363.8389	0.414		
4952		HIP 63883	196.3782	-52.11566	6.418	M1III	4939	113602	V1154 Cer	Centaurus	1101.352	1.69	6.33	6.58
4953		HIP 63901	196.4351	35.79889	5.195	B9V	4943	113797	14 CVn	CanesVen	282.2512	-0.059		
4954		HIP 63916	196.4677	45.26855	5.637	K1III	4945	113847		CanesVen	482.9626	1.135		
4955		HIP 63945	196.5695	-48.46329	4.691	B4V	4940	113703	f Cen	Centaurus	413.7072	-0.148		
4956		HIP 63948	196.5885	21.15339	6.057	~	4946	113848A	* 39 Com	ComaBere	162.7558	0.393		
4957		HIP 63950	196.5941	22.61618	5.61	M5III:	4949	113866	FS Com	ComaBere	571.9313	1.461	5.3	6.1
4958		HIP 63952	196.5953	62.04186	6.154	G7III	4953	113994		UrsaMajo	377.3158	0.997		
4959		HIP 63972	196.6461	-41.58844	5.588	K0II/III	4941	113778	172 G. Cer	Centaurus	338.8771	1.05		
4960		HIP 64003	196.7260	-35.86202	5.63	A0V	4947	113852	176 G. Cer	Centaurus	229.2547	0.05		
4961		HIP 64004	196.7276	-49.90624	4.27	B3V	4942	113791	ξ 2 Centa	Centaurus	411.6175	-0.182		
4962		HIP 64022	196.7947	27.62473	4.69	K5-III	4954	113996	41 Com	ComaBere	303.2560	1.482		
4963		HIP 64033	196.8512	-59.86050	5.98	B9IV+F8/G	4944	113823	174 G. Cer	Centaurus	1234.849	0.435		
4964		HIP 64053	196.9095	-53.45976	5.698	B8/9V	4951	113902	177 G. Cer	Centaurus	324.0558	-0.061		
4965		HIP 64077	196.9734	27.55595	6.14	K4III	4956	114092		ComaBere	389.0224	1.363		
4966		HIP 64078	196.9742	-10.74040	5.151	K0.5IIIbFe	4955	114038	49 Vir	Virgo	305.8161	1.138		
4967		HIP 64094	197.0298	-65.30602	5.53	WC5+B0II	4952	113904	θ Muscae	Musca	7070.383	-0.03	5.5	5.52
4968		HIP 64108	197.0850	-78.44602	6.42	A0V		113694		Chamaele	449.0358	0.008		
4969		HIP 64117	197.1159	-67.79676	6.34	M1III		113919		Musca	999.9988	1.71		
4970		HIP 64122	197.1352	-8.984382	5.564	K1III	4957	114113	g Vir	Virgo	371.2978	1.178		
4971		HIP 64166	197.2636	-23.11804	4.934	K0III	4958	114149	ψ Hydrae	Hydra	230.5518	1.048		
4972		HIP 64179	197.3018	10.02246	5.782	K0III	4960	114256	null	Virgo	351.6726	1.025		
4973		HIP 64181	197.3093	-9.538098	6.32	K1III	4959	114203	112 G. Vir	Virgo	403.4642	1.017		
4974		HIP 64212	197.4110	37.42311	5.99	K2III	4964	114357		CanesVen	299.3574	1.169		
4975		HIP 64217	197.4251	38.53388	6.28	B7III	4967	114376	15 CVn	CanesVen	1143.859	-0.098		
4976		HIP 64224	197.4386	-10.32933	5.943	K4III	4961	114287	50 Vir	Virgo	655.9350	1.49		
4977		HIP 64226	197.4493	16.84861	5.87	K4III	4962	114326		ComaBere	732.5842	1.45		
4978		HIP 64238	197.4874	-5.539004	4.397	A1IVs	4963	114330	θ Virginis	Virgo	414.7569	-0.008		
4979	Diadem	HIP 64241	197.4970	17.52945	4.32	F5V+F6V	4968	114378	α 1 Coma	ComaBere	46.69822	0.455		
4980	Diadem	HIP 64241	197.4970	17.52940	4.8	F5V	4968	114378	* alf Com	ComaBere	46.69822	0.455		

4981	HIP 64241	197.4970	17.52951	5.48	F6V	4969	114379	* alf Com	ComaBere	46.69822	0.455		
4982	HIP 64246	197.5134	38.49898	5.91	A9III-IV	4971	114447	17 CVn	CanesVen	202.2332	0.294		
4983	HIP 64320	197.7434	-52.56689	6.026	ApSi	4965	114365	V824 Cen	Centaurus	343.1575	-0.079	6.3	6.335
4984	HIP 64332	197.7870	-42.23290	5.772	F5IV	4970	114435	181 G. Ce	Centaurus	299.3574	0.521		
4985	HIP 64348	197.8467	-43.36855	5.231	K1/2III	4973	114474	182 G. Ce	Centaurus	220.8673	1.049		
4986	HIP 64375	197.9133	-26.55172	6.5	A5V	4978	114576	342 G. Hy	Hydra	367.1185	0.193		
4987	HIP 64390	197.9643	-69.94201	5.906	F3IV/V	4966	114371		Musca	143.8025	0.415		
4988	HIP 64394	197.9683	27.87818	4.25	F9.5V	4983	114710	β Comae I	ComaBere	29.84528	0.572		
4989	HIP 64395	197.9711	-63.30299	6.338	A8II/III	4972	114461	180 G. Ce	Centaurus	5653.605	0.426		
4990	HIP 64408	198.0132	-37.80302	4.85	G3V	4979	114613	185 G. Ce	Centaurus	66.79686	0.7		
4991	HIP 64407	198.0147	-16.19860	5.04	F5.5V	4981	114642	53 Vir	Virgo	106.1198	0.46		
4992	HIP 64417	198.0350	24.25804	6.29	K0III	4984	114724		ComaBere	513.3849	1.006		
4993	HIP 64425	198.0732	-59.92056	4.593	B7V	4975	114529	V831 Cen	Centaurus	346.0719	-0.073	4.49	4.66
4994	HIP 64437	198.1059	80.47130	6.33	G8III	5009	115337		Camelopa	686.3150	0.955		
4995	HIP 64445	198.1371	11.55609	5.77	M0III	4986	114780	null	Virgo	810.9448	1.499		
4996	HIP 64449	198.1496	18.75174	6.49	G6III	4987	114793		ComaBere	349.7850	0.859		
4997	HIP 64466	198.2033	-66.22674	5.897	A0V(n)	4977	114570		Musca	284.7161	0.048		
4998	HIP 64472	198.2118	-42.69972	6.184	K0III	4982	114707	187 G. Ce	Centaurus	629.3432	1.057		
4999	HIP 64478	198.2320	-59.81659	6.197	G0V	4980	114630	186 G. Ce	Centaurus	129.7770	0.592		
5000	HIP 64515	198.3473	-50.69982	5.9	B9.5V	4985	114772	189 G. Ce	Centaurus	328.6276	-0.011		
5001	HIP 64540	198.4289	40.15288	4.94	G8.5IIICN(	4997	115004		CanesVen	522.4347	1.061		
5002	HIP 64557	198.4903	-43.13910	6.147	K4-IIIb	4991	114873	192 G. Ce	Centaurus	350.9163	1.366		
5003	HIP 64577	198.5453	-19.93094	5.33	G7IV	4995	114946	55 Vir	Virgo	125.9175	0.862		
5004	HIP 64580	198.5503	-58.68393	5.9	K0/1III	4988	114835	190 G. Ce	Centaurus	343.5193	1.084		
5005	HIP 64583	198.5631	-59.10323	4.93	F6VFe-0.4	4989	114837	191 G. Ce	Centaurus	58.74947	0.489		
5006	HIP 64587	198.5722	-78.44745	5.839	G2Ib	4976	114533		Chamaele	1862.859	1.04		
5007	HIP 64607	198.6303	11.33165	5.67	M0III	4998	115046	LN Vir	Virgo	506.9986	1.514		
5008	HIP 64623	198.6802	-48.95703	5.831	K1III	4996	114971	193 G. Ce	Centaurus	259.1417	1.061		
5009	HIP 64651	198.7894	-36.37141	6.167	K1III	4999	115050	194 G. Ce	Centaurus	464.3871	0.968		
5010	HIP 64661	198.8122	-67.89459	4.78	B7III+B7III	4993	114911	η Muscae	Musca	405.4724	-0.078	4.76	4.81

5011		HIP 64682	198.8566	-69.67928	6.371	K2/3III	4994	114912		Musca	306.1033	1.21		
5012		HIP 64692	198.8831	40.85520	5.777	A7V	5004	115271	19 CVn	CanesVen	244.7449	0.198		
5013		HIP 64725	198.9948	-19.9431	5.22	K1IV-	5001	115202	57 Vir	Virgo	126.9470	1.011		
5014		HIP 64751	199.0595	19.05173	6.45	K0III-IV	5007	115319		ComaBere	306.6794	0.972		
5015		HIP 64774	199.1193	68.40799	6.189	B8V	5018	115612		Draco	457.8639	-0.052		
5016		HIP 64779	199.1344	19.78529	6.423	F0V	5010	115365		ComaBere	279.8284	0.274		
5017		HIP 64790	199.1871	-65.1382	6.08	F4V	5000	115149		Musca	126.6510	0.431		
5018		HIP 64803	199.2213	-31.5062	5.11	K0III	5006	115310	r Cen	Centaurus	246.7827	0.959		
5019		HIP 64820	199.3042	-66.7834	4.846	K2Ib/II	5002	115211		Musca	1185.453	1.48		
5020		HIP 64822	199.3080	-43.9794	5.803	A2mA4-A	5008	115331	196 G. Ce	Centaurus	190.4205	0.187		
5021		HIP 64823	199.3151	13.67575	5.33	K3III	5013	115478	null	Virgo	297.9892	1.304		
5022		HIP 64838	199.3743	-0.67607	6.351	A9V	5014	115488	129 G. Vir	Virgo	242.3791	0.26		
5023		HIP 64844	199.3855	40.57260	4.698	A9IImF2	5017	115604	20 CVn	CanesVen	286.2160	0.306	4.7	4.75
5024		HIP 64852	199.4011	5.469884	4.8	M1III	5015	115521	σ Virginis	Virgo	540.6288	1.638		
5025		HIP 64906	199.5604	49.68206	5.15	B9IV(Si)	5023	115735	21 CVn	CanesVen	275.1056	-0.049	5.13	5.17
5026		HIP 64924	199.6013	-18.3111	4.74	G6.5V	5019	115617	61 Vir	Virgo	27.78854	0.71		
5027		HIP 64927	199.6155	34.09830	5.78	K4III	5022	115723		CanesVen	503.8657	1.366		
5028		HIP 64933	199.6452	-51.2857	6.173	A0V	5016	115529	198 G. Ce	Centaurus	644.2675	-0.001		
5029		HIP 64951	199.7011	-79.9760	6.33	B9.5/A0V		115088		Chamaele	443.5362	-0.027		
5030		HIP 64962	199.7304	-23.1715	3	G8IIIa	5020	115659	γ Hydrae	Hydra	132.0372	0.92		
5031		HIP 64979	199.7677	35.12798	6.02	A7IV	5025	115810		CanesVen	212.5162	0.277		
5032		HIP 64994	199.8290	-72.0356	6.044	K3III	5012	115439		Musca	444.7489	1.341		
5033		HIP 65072	200.0789	40.15054	5.6	K2II-III	5032	116010	23 CVn	CanesVen	654.6180	1.204		
5034		HIP 65108	200.1459	-59.7727	6.193	F3/5II	5024	115778	200 G. Ce	Centaurus	392.2987	0.41		
5035	Kulou	HIP 65109	200.1492	-36.7123	2.73	kA1.5hA3	5028	115892	ι Centauri	Centaurus	58.59103	0.068		
5036		HIP 65112	200.1576	-52.7478	5.443	B5III/IV	5026	115823	V964 Cen	Centaurus	395.6304	-0.125		
5037		HIP 65129	200.2014	-55.8006	6.09	B0.5Ia	5027	115842	203 G. Ce	Centaurus	5596.370	0.236		
5038		HIP 65144	200.2404	-46.8800	5.742	K1III	5029	115912	205 G. Ce	Centaurus	377.3158	1.106		
5039		HIP 65183	200.3740	-19.4892	6.21	A2/3V	5033	116061	135 G. Vir	Virgo	289.0072	0.098		
5040		HIP 65198	200.4235	2.087238	5.687	A0V	5037	116160	136 G. Vir	Virgo	212.7939	0.045		

5041		HIP 6523(	200.5163	43.90336	6.332	A7m	5045	116303		CanesVen	457.8639	0.255		
5042		HIP 65241	200.5404	5.154754	5.873	kA3hA6m	5040	116235	64 Vir	Virgo	207.6435(	0.109		
5043		HIP 65247	200.5678	-52.18295	5.91	B2Ib	5036	116084	209 G. Ce	Centaurus	5174.5998	0.072		
5044			200.6493	-60.97210	6.153	B3/5	5034	116072		Centaurus	1319.723(		6.16	6.27
5045		HIP 65271	200.6580	-60.98838	4.509	B3V	5035	116087	J Cen	Centaurus	354.34909	-0.141		
5046		HIP 65289	200.7191	-72.14671	6.05	B5V	5030	115967		Musca	745.99585	0.049		
5047		HIP 65301	200.7546	-17.73527	5.354	K0III	5044	116292	63 Vir	Virgo	319.60792	0.987		
5048		HIP 65303	200.7608	-48.56278	6.36	B5V	5039	116226	210 G. Ce	Centaurus	1791.2109	-0.077		
5049		HIP 65311	200.7859	-33.18987	6.21	M2III	5043	116278	213 G. Ce	Centaurus	730.94117	1.653		
5050		HIP 65323	200.8287	-4.924428	5.858	K4III	5047	116365	65 Vir	Virgo	1160.1431	1.431		
5051		HIP 65372	200.9671	-49.82281	6.464	G8III	5046	116338		Centaurus	424.47824	0.959		
5052		HIP 65376	200.9747(	37.03392	6.14	M3III	5052	116581	CL CVn	CanesVen	1207.406(	1.637		
5053		HIP 65378	200.9814	54.92535	2.22	A1.5Vas				UrsaMajo	81.106704	0.051		
5054		HIP 65378	200.9846	54.92180	3.88	kA1h(eA)mA7IV-V				UrsaMajo	81.106704	0.051		
5055		HIP 65381	200.9878	-20.92458	6.49	K1/2III/IV		116429	141 G. Vir	Virgo	472.4654(	1.101		
5056		HIP 65387	201.0020	-64.53566	4.52	G5IIb	5041	116243	m Cen	Centaurus	256.89527	0.822		
5057		HIP 65417	201.1272	12.43182	6.44	K0	5053	116594	null	Virgo	537.95562	1.062		
5058		HIP 6542(	201.1385	-5.164001	5.749	K2V	5050	116568	66 Vir	Virgo	98.104208	0.415		
5059		HIP 65466	201.2778	23.85442(	5.745	A3IV	5057	116706		ComaBere	254.29021	0.09		
5060		HIP 65468	201.2796(	-74.88781	5.04	K0III	5042	116244	ι 1 Musca	Musca	224.67276	1.11		
5061	Spica	HIP 65474	201.2982	-11.16131	0.97	B1V	5056	116658	α Virginis	Virgo	250.0001(	-0.235	0.95	1.05
5062	Alcor	HIP 65477	201.3064(	54.98795	4.01	A5V+M3-	5062	116842		UrsaMajo	81.723082	0.17		
5063		HIP 65479	201.3080	-64.48514	5.312	F3IV	5048	116457	215 G. Ce	Centaurus	128.09425	0.411		
5064		HIP 65522	201.4595	-70.62725	5.651	ApHg(Mn)	5049	116458		Musca	463.72865	-0.018		
5065		HIP 65535	201.5325(	-39.75508	5.09	K0.5IIIbBa	5058	116713	217 G. Ce	Centaurus	207.24741	1.181		
5066		HIP 65536	201.5336(	72.39147	5.79	M1III	5073	117187		UrsaMino	1009.2898	1.652		
5067		HIP 65545	201.5475(	-1.192472	5.965	A8V	5059	116831	146 G. Vir	Virgo	245.11298	0.183		
5068		HIP 6555(	201.5691	46.02805(	5.873	K0III:	5067	116957		CanesVen	357.06467	0.985		
5069		HIP 65581	201.6798(	-12.70766	5.25	K5III	5064	116870	68 Vir	Virgo	504.64493	1.477		
5070			201.697	-47.47947	3.9	Globular Cluster		116790	ω Cen	Centaurus	17090			

5071	HIP 65593	201.7338	-41.49756	5.656	K3III	5060	116835	221 G. Ce	Centaurus	2012.3465	1.477		
5072	HIP 65595	201.7366	78.64387(	5.742	G3IIIbFe-1	5091	117566		Camelopa	292.3767	0.769		
5073	HIP 65606	201.7766(	-49.14370	6.31	A0III/IV	5061	116836	220 G. Ce	Centaurus	1068.853	0.003		
5074	HIP 65621	201.8110	-40.16266	6.405	G8/K0III	5065	116873	223 G. Ce	Centaurus	452.1491	0.974		
5075	HIP 6563(	201.8360(	-49.38129	6.257	B3III/IV	5063	116862	222 G. Ce	Centaurus	2312.058(	-0.123		
5076	HIP 65639	201.8631	-15.97357	4.75	K0III-IIIbCl	5068	116976	69 Vir	Virgo	258.1158	1.096		
5077	HIP 65678	201.9984	52.74558	6.345	F0	5076	117242		UrsaMajo	325.0250	0.259		
5078	HIP 65682	202.0078	-26.40223	6.49	K5III		117033	346 G. Hy	Hydra	1086.665	1.608		
5079	HIP 65698	202.0491	50.58728(	6.43	F1IV	5079	117281		CanesVen	389.0224(	0.277		
5080	HIP 65721	202.1075	13.77878	4.97	G4Va	5072	117176	70 Vir	Virgo	59.06695	0.71		
5081	HIP 65723	202.1093	40.72964	6.49	G8III	5077	117261		CanesVen	431.7871(	0.927		
5082	HIP 65728	202.1128	59.94578(	5.4	A1Vn	5085	117376		UrsaMajo	236.4032	-0.01		
5083	HIP 65754	202.1909(	50.71857	6.417	F0IV	5083	117361		CanesVen	253.3024	0.404		
5084	HIP 65755	202.1949	-69.62712	6.179	B8pSi	5066	116890		Musca	698.0738	-0.014	6.19	6.28
5085		202.2712	11.75134	4.7	Galaxy			NAME NG	Virgo				
5086	HIP 65783	202.2829	-64.67580	6.07	ApSrEuCr	5069	117025		Musca	287.7319	0.117		
5087	HIP 6579(	202.3041(	10.81830	5.646	K0III	5081	117304	71 Vir	Virgo	271.8932	1.052		
5088	HIP 65796	202.3121	-1.364427	6.419	K1IIICNII	5078	117267	150 G. Vir	Virgo	479.4125	1.122		
5089	HIP 6581(	202.3552	-51.16513	5.03	A1V	5071	117150	K Cen	Centaurus	503.8657	0.059		
5090	HIP 65835	202.4282	-23.28131	4.97	M6-9e	5080	117287	R Hya	Hydra	2012.3465	1.317	3.5	10.9
5091	HIP 65862	202.5003	7.178853	6.167	K5V	5086	117404	153 G. Vir	Virgo	802.9546(	1.471		
5092	HIP 65892	202.6071	-6.470265	6.098	F0IV	5088	117436	72 Vir	Virgo	176.5026	0.341		
5093	HIP 65936	202.7610(	-39.40730	3.88	G8II/III	5089	117440	d Cen	Centaurus	1253.845	1.186		
5094	HIP 65951	202.8156	42.10615	6.065	K2III	5096	117710		CanesVen	263.3279(	1.075		
5095	HIP 65969	202.8882(	-28.11273	6.478	A1V	5090	117558	348 G. Hy	Hydra	283.9721	0.09		
5096	HIP 6597(	202.8892	-61.58236	6.49	F6/7Ib+B6V		117399		Centaurus	4346.657	0.777	6.45	6.71
5097	HIP 66006	202.9911	-6.255817	4.69	M2.5III	5095	117675	74 Vir	Virgo	431.7871	1.606		
5098	HIP 66015	203.0116	-18.72887	5.998	A7IV/V	5094	117661	73 Vir	Virgo	233.8594(	0.196	6.01	6.03
5099	HIP 66019	203.0226(	-38.39885	6.148	K1III	5092	117597	229 G. Ce	Centaurus	362.6262	1.031		
5100	HIP 6606(	203.1436(	-29.56526	6.436	F5IV	5098	117718	349 G. Hy	Hydra	153.9917	0.438		

5101		HIP 66065	203.1495	-28.69276	5.69	A2V	5097	117716	350 G. Hy	Hydra	213.77068	0.037		
5102		HIP 66086	203.2008	24.34674	6.1	G8II-III	5102	117876		ComaBere	469.7401	0.969		
5103		HIP 66091	203.2151	-15.36301	5.529	K1.5IIIb:	5099	117789	75 Vir	Virgo	659.9187	1.228		
5104		HIP 66098	203.2419	-10.16499	5.21	G8III	5100	117818	76 Vir	Virgo	263.7539	0.964		
5105			203.3617	-64.86474	6.5	B8/9IV/V		117630		Musca	1242.217	0.18		
5106		HIP 66152	203.3994	-65.63268	6.354	A0V	5093	117651		Musca	348.6636	-0.014		
5107		HIP 66198	203.5304	55.34843	5.588	A0V	5109	118214	81 UMa	UrsaMajo	276.9755	-0.014		
5108		HIP 66200	203.5330	3.658969	4.94	ApEuCrSr	5105	118022	78 Vir	Virgo	183.2492	0.029	4.91	4.99
5109		HIP 66223	203.5911	38.78926	6.37	A8V	5108	118156		CanesVen	222.6776	0.241		
5110		HIP 66234	203.6135	49.01597	4.7	A4V	5112	118232	24 CVn	CanesVen	190.4205	0.132		
5111		HIP 66236	203.6206	-48.27216	6.319	B8III	5103	117919	232 G. Ce	Centaurus	726.0576	-0.052		
5112		HIP 66247	203.6685	-13.21432	5.932	A0V	5106	118054	y Vir	Virgo	506.9986	0.02		
5113	Heze	HIP 66249	203.6732	-0.595816	3.38	A2Van	5107	118098	ζ Virginis	Virgo	73.17628	0.114		
5114		HIP 66251	203.6781	76.54670	6.47	K5III:	5131	118686		Camelopa	1025.156	1.573		
5115		HIP 66254	203.6815	-33.31085	6.462	K2III	5104	118010	233 G. Ce	Centaurus	903.0464	1.25		
5116		HIP 66257	203.6992	37.18241	4.98	A6m	5110	118216		CanesVen	145.1469	0.404	4.94	5.01
5117		HIP 66320	203.8804	-5.396191	5.706	K0III	5111	118219	80 Vir	Virgo	370.4535	0.95		
5118		HIP 66326	203.8892	10.20496	6.486	K0III	5114	118266	null	Virgo	329.2927	1.043		
5119		HIP 66385	204.1662	49.48664	6.46	K1III	5126	118536		UrsaMajo	499.9994	1.175		
5120		HIP 66400	204.2018	-26.49519	5.78	A7III-IV	5120	118349	351 G. Hy	Hydra	386.2547	0.22		
5121		HIP 66405	204.2107	-34.46783	6.476	K0III	5117	118319	237 G. Ce	Centaurus	519.1095	1.026		
5122		HIP 66417	204.2461	24.61329	5.69	M3	5123	118508		Bootes	505.4273	1.593		
5123		HIP 66427	204.2750	-44.14320	5.957	G8/K0III	5118	118338	236 G. Ce	Centaurus	376.4421	0.936		
5124		HIP 66435	204.2957	71.24224	5.496	K2III	5139	118904		UrsaMino	400.4911	1.219		
5125		HIP 66438	204.3016	-61.69185	5.92	~				Centaurus	115.6850	0.493		
5126		HIP 66454	204.3478	-46.42789	5.889	B8V	5121	118354	239 G. Ce	Centaurus	389.4853	-0.11		
5127		HIP 66458	204.3651	36.29489	4.95	A7III	5127	118623A	* 25 CVn A	CanesVen	191.6518	0.239		
5128		HIP 66475	204.4288	50.71484	6.45	M2.5II	5133	118741		UrsaMajo	1771.738	1.555		
5129		HIP 66521	204.5317	-58.41465	6.45	K1III	5122	118384	238 G. Ce	Centaurus	472.4654	1.113		
5130		HIP 66522	204.5328	14.30192	6.489	A9Vs	5129	118660		Bootes	233.6918	0.274		

5131	HIP 66563	204.6752	-29.56086	5.81	F3V	5128	118646	354 G. Hy	Hydra	159.6474	0.431		
5132	HIP 66574	204.6904	-70.44483	6.097	K3III	5119	118344		Musca	438.1735	1.415		
5133	HIP 66575	204.7039	-57.62271	6	G5Ib	5124	118520	242 G. Ce	Centaurus	1234.849	1.138		
5134	HIP 66594	204.7595	18.26532	6.46	K2II-III	5137	118839		Bootes	737.5557	1.217		
5135	HIP 66607	204.7999	-75.68378	6.323	B8IV	5115	118285	DY Cha	Chamaele	928.7743	-0.003		
5136	HIP 66613	204.8121	51.80421	6.48	K2		118970		UrsaMajo	1495.414	1.378		
5137	HIP 66634	204.8768	52.92120	5.456	A2Vnp	5142	119024	82 UMa	UrsaMajo	169.1748	0.113		
5138	HIP 66640	204.8942	10.74627	5.58	F0V	5138	118889		Bootes	174.5183	0.348		
5139	HIP 66645	204.9201	-39.74758	6.36	M3/4III	5135	118781	V765 Cen	Centaurus	1120.276	1.597	6.28	6.36
5140	HIP 66656	204.9522	-40.05170	5.603	K2/3III	5136	118799	248 G. Ce	Centaurus	521.6002	1.301		
5141	HIP 66657	204.9719	-53.46639	2.3	B1III	5132	118716	ϵ Centauri	Centaurus	375.5749	-0.171	2.29	2.31
5142	HIP 66666	204.9991	-49.94995	6	M6III	5134	118767	V744 Cen	Centaurus	543.3346	1.496	5.14	6.55
5143	HIP 66681	205.0446	-64.57655	5.785	F2III/IV	5130	118666	243 G. Ce	Centaurus	225.7619	0.401		
5144	HIP 66690	205.0649	31.01203	6.2	G8II-III	5143	119035		CanesVen	539.7355	0.963		
5145	HIP 66700	205.0891	57.20760	6.273	A2IVpSrCr	5153	119213	CQ UMa	UrsaMajo	287.9859	0.111	6.28	6.3
5146	HIP 66704	205.0968	50.51941	6.32	F8V	5148	119124		UrsaMajo	82.24005	0.537		
5147	HIP 66725	205.1628	28.06516	6.18	K3III	5145	119081		CanesVen	381.7331	1.311		
5148	HIP 66727	205.1686	19.95571	5.76	A1V	5144	119055	1 Boo	Bootes	302.6927	0.017		
5149	HIP 66738	205.1844	54.68163	4.66	M2III	5154	119228	83 UMa	UrsaMajo	548.8212	1.63		
5150	HIP 66753	205.2311	-85.78604	5.555	A2mA5-A	5084	117374	κ Octantis	Octans	256.4910	0.183		
5151	HIP 66763	205.2597	22.49577	5.58	K0III	5149	119126	2 Boo	Bootes	321.8165	1.009		
5152	HIP 66798	205.3745	64.82241	5.85	A2V	5162	119476		Draco	221.1669	0.073		
5153	HIP 66803	205.4032	-8.702980	5.01	M1+III	5150	119149	82 Vir	Virgo	457.2217	1.623		
5154	HIP 66821	205.4365	-54.55942	5.217	B8.5Vn	5141	118991A	* Q Cen A	Centaurus	270.5396	-0.055		
5155	HIP 66825	205.4398	-33.59737	6.05	K5-M4e	5147	119090		Centaurus	2063.290	1.584	5.5	9
5156	HIP 66849	205.5045	-58.78708	5.372	B9III	5140	118978	251 G. Ce	Centaurus	646.8266	-0.029		
5157		205.5484	28.37728	6.39	Globular Cluster			M 3	Auriga				
5158	HIP 66878	205.5965	82.75241	5.913	G9III	5203	120565		Camelopa	363.8389	0.993		
5159	HIP 66892	205.6200	41.67428	6.289	G6III	5160	119445		CanesVen	942.1957	0.879		
5160	HIP 66903	205.6633	78.06443	5.899	G7III	5184	120084		UrsaMino	318.5244	1.017		

5161		HIP 66907	205.6809	34.98902(	5.96	G5III-IIIbF	5161	119458		CanesVen	485.8412	0.857		
5162		HIP 66923	205.7276	-50.79023	6.41	M0III	5152	119193	254 G. Ce	Centaurus	947.6758	1.671		
5163		HIP 66924	205.7291	-41.40109	5.956	K0III	5155	119250	256 G. Ce	Centaurus	352.4322	1.019		
5164		HIP 66925	205.7337	-56.76796	6	B1/2II	5151	119159	253 G. Ce	Centaurus	3046.728	-0.096		
5165		HIP 66936	205.7654	3.537900(	5.423	K2IIIb:CN(	5159	119425	84 Vir	Virgo	217.1887	1.091		
5166		HIP 66984	205.9170	-42.06752	5.97	B7V	5157	119361	258 G. Ce	Centaurus	1590.244	-0.075		
5167		HIP 66992	205.9381	22.70042	6.09	K4III	5164	119584		Bootes	730.9411	1.447		
5168		HIP 67004	205.9759	-5.498936	6.498	A0V	5163	119537		Virgo	414.2320	0.053		
5169		HIP 67005	205.9782	52.06441	6.018	A1V	5169	119765		UrsaMajo	344.6082	0.017		
5170		HIP 67008	205.9889	-59.23598	6.49	B8V		119283		Centaurus	684.8740	-0.027		
5171		HIP 67036	206.0666	-51.01245	6.44	ApSiCr	5158	119419	V827 Cen	Centaurus	367.1185	-0.106	6.46	6.485
5172		HIP 67057	206.1242	-16.17907	5.567	G0II:	5165	119605	83 Vir	Virgo	779.9031	0.805		
5173		HIP 67071	206.1902	-25.50093	6.205	K3III	5166	119623	356 G. Hy	Hydra	705.6272	1.374		
5174		HIP 67104	206.3059	10.32530	6.41	K2		119784		Bootes	370.8773	1.226		
5175		HIP 67139	206.3961	-15.76746	6.179	A0V	5170	119786	85 Vir	Virgo	338.5250	0.046		
5176		HIP 67143	206.4037	-26.11601	5.795	A0V	5167	119752	357 G. Hy	Hydra	287.2247	0.023		
5177		HIP 67153	206.4218	-33.04371	4.23	F2V	5168	119756	1 Cen	Centaurus	62.80100	0.39		
5178		HIP 67172	206.4846	-12.42653	5.57	~	5173	119853A	* 86 Vir A	Virgo	379.0696	0.898		
5179		HIP 67194	206.5564	41.08874	5.877	A5V	5179	120047		CanesVen	167.3511	0.211		
5180		HIP 67199	206.5603	-54.68336	6.42	A1V		119727	263 G. Ce	Centaurus	337.1265	0.116		
5181		HIP 67210	206.5794	38.50362	5.919	G9III	5180	120048		CanesVen	403.4642	0.948		
5182			206.614	-62.916	5.9	Open Cluster			NGC 5281	Centaurus				
5183		HIP 67231	206.6485	54.43267	5.675	A0VpSrCr	5187	120198	84 UMa	UrsaMajo	281.5200	-0.039	5.65	5.7
5184		HIP 67234	206.6640	-51.43275	4.632	G8/K0III	5172	119834	M Cen	Centaurus	257.0980	0.955		
5185		HIP 67239	206.6805	25.70223	5.965	A7V:+G5II	5182	120064	3 Boo	Bootes	272.3476	0.523		
5186		HIP 67244	206.7347	-36.25193	5.147	A0V	5174	119921	z Cen	Centaurus	428.3837	-0.007		
5187		HIP 67250	206.7490	38.54269	5.501	K0III	5186	120164		CanesVen	303.5383	1.036		
5188		HIP 67271	206.8058	-9.709446	6.049	K3III	5178	120033	183 G. Vir	Virgo	511.7745	1.418		
5189		HIP 67275	206.8155	17.45689	4.49	F7IV-V	5185	120136	τ Boötis	Bootes	50.93808	0.508		
5190		HIP 67288	206.8557	-17.85983	5.43	M2III	5181	120052	87 Vir	Virgo	635.4785	1.623		

5191		HIP 67292	206.86515	-50.24928	5.91	A3mA5-F(	5175	119938	268 G. Cer	Centaurus	195.91369	0.279			
5192	Alkaid	HIP 67301	206.88515	49.31326	1.86	B3V	5191	120315	η Ursae M	UrsaMajo	100.6483(	-0.099			
5193		HIP 67304	206.91057	-50.32068	5.446	K2III	5176	119971	269 G. Cer	Centaurus	454.03993	1.351			
5194		HIP 67384	207.16139	31.19020(	5.57	K0III	5195	120420		CanesVen	310.77233	1.032			
5195		HIP 67457	207.36134	-34.45077	4.19	M5-III:	5192	120323	2 Cen	Centaurus	177.2704(	1.52	4.16	4.26	
5196		HIP 67459	207.36933	15.79790	4.07	K5.5III	5200	120477	υ Boötis	Bootes	245.29717	1.52			
5197	Heng	HIP 67464	207.37615	-41.68770	3.386	B2V	5190	120307	ν Centaur	Centaurus	474.52578	-0.225	3.38	3.41	
5198		HIP 67472	207.40411	-42.47373	3.43	B2Vnpe	5193	120324	μ Centaur	Centaurus	526.65646	-0.17	2.92	3.47	
5199		HIP 6748(	207.42843	21.26410	4.91	K4III	5201	120539	6 Boo	Bootes	367.94656	1.432			
5200		HIP 67483	207.43719	36.63282	6.43	A7IV-V	5204	120600		CanesVen	211.55094	0.256			
5201		HIP 67485	207.43965	61.48930	5.964	G3V	5213	120787		UrsaMajo	394.67204	0.974			
5202		HIP 67494	207.46784	-18.13416	4.959	K0+IIIb	5196	120452	89 Vir	Virgo	241.83994	1.059			
5203		HIP 67523	207.52711	-29.08132	6.186	A0V	5197	120455	359 G. Hy	Hydra	361.42004	-0.009			
5204		HIP 67537	207.58081	-39.90085	6.431	K1III	5198	120457		Centaurus	366.7045(	0.992			
5205		HIP 67545	207.60282	5.497221	5.993	K0	5205	120602	194 G. Vir	Virgo	402.9655(	0.899			
5206		HIP 67548	207.61559	58.53945	6.46	A3V	5216	120874		UrsaMajo	268.97716	0.094			
5207		HIP 67605	207.78839	34.66439	5.87	M2III	5215	120819		CanesVen	676.34919	1.635			
5208		HIP 67627	207.85796	64.72328	4.66	M3.5III	5226	121130	CU Dra	Draco	391.35662	1.572	4.52	4.67	
5209		HIP 67648	207.90206	-36.43328	6.347	F6V	5208	120672	279 G. Cer	Centaurus	195.32657	0.484			
5210		HIP 67663	207.94673	-46.89866	5.752	B2III	5206	120640	278 G. Cer	Centaurus	1172.6615	-0.153			
5211		HIP 67664	207.94764	-69.40125	5.727	K5/M0III	5194	120404		Circinus	815.0003(	1.704			
5212		HIP 67665	207.94781	34.44424(	4.74	M3-IIIa	5219	120933	AW CVn	CanesVen	603.70332	1.611	4.72	4.81	
5213		HIP 67669	207.95666	-32.99408	4.52	B5III				Centaurus	297.44545	-0.146			
5214		HIP 67669	207.95916	-32.99467	5.98	B9IV				Centaurus	297.44545	-0.146			
5215		HIP 67696	208.00408	-31.61916	6.21	F5/6V	5212	120759	282 G. Cer	Centaurus	174.70543	0.478			
5216		HIP 67703	208.02025	-52.81152	5.257	B8V	5207	120642	N Cen	Centaurus	362.62624	-0.084			
5217		HIP 67714	208.07669	12.16513	6.098	A1V	5220	120934		Bootes	325.02506	0.042			
5218		HIP 67778	208.28515	40.33797	6.479	K5		121197		CanesVen	1369.7481	1.55			
5219		HIP 67782	208.29284	28.64813	5.909	A8IV	5229	121164		CanesVen	210.86695	0.202			
5220		HIP 67786	208.30224	-31.92761	4.73	B5IVp	5221	120955	4 Cen	Centaurus	669.40539	-0.111			

5221		HIP 67787	208.3038	17.93286	5.709	G5III	5225	121107	7 Boo	Bootes	683.4397	0.845		
5222		HIP 61932	208.3862	-35.66408	6.33	~	4819	110304	* γ Cen B	Centaurus	130.3478	-0.023		
5223		HIP 67819	208.3865	-35.66426	6.218	~	5222	120987A	* γ Cen A	Centaurus	163.2448	0.444		
5224		HIP 67836	208.4295	-53.37332	5.873	B4III	5217	120908	283 G. Ce	Centaurus	1202.953	0.009		
5225		HIP 67848	208.4625	53.72867	5.695	A0V	5238	121409	86 UMa	UrsaMajo	443.5362	-0.032		
5226		HIP 67851	208.4669	-35.31435	6.19	K0III	5224	121056		Centaurus	215.8503	1.01		
5227		HIP 67861	208.4884	-47.12816	6.1	B2Ve	5223	120991	V767 Cen	Centaurus	2239.009	-0.053	5.86	6.26
5228			208.516	-61.883	6	Open Cluster			NGC 5316	Centaurus				
5229		HIP 67890	208.5693	-28.56961	6.045	K2III	5228	121156	361 G. Hy	Hydra	206.3290	1.129		
5230	Muphrid	HIP 67927	208.6711	18.39772	2.68	G0IV	5235	121370	η Boötis	Bootes	36.97396	0.58		
5231		HIP 67929	208.6756	-1.503122	5.159	K1/2II/III	5232	121299	90 Vir	Virgo	253.8941	1.093		
5232		HIP 67942	208.7046	-67.65210	5.705	K2III	5218	120913		Circinus	1268.482	1.49		
5233		HIP 67973	208.8005	-52.16082	5.71	B9V	5230	121190	288 G. Ce	Centaurus	341.7198	-0.072		
5234	Leepwal	HIP 68002	208.8849	-47.28837	2.55	B2.5IV	5231	121263	ζ Centauri	Centaurus	384.4356	-0.176		
5235		HIP 68009	208.9119	-82.66619	5.94	K2III:CN-1	5188	120213		Chamaele	871.6591	1.411		
5236		HIP 68065	209.0435	32.03259	6.3	F4IV-V	5245	121682		CanesVen	236.0609	0.401		
5237		HIP 68079	209.0824	-46.59294	5.815	K1III	5239	121416	293 G. Ce	Centaurus	283.9721	1.14		
5238		HIP 68092	209.1161	1.050580	5.898	A5IV/V	5244	121607	92 Vir	Virgo	337.4753	0.217		
5239		HIP 68101	209.1372	-54.70466	6.01	G8VCH+0.	5236	121384	291 G. Ce	Centaurus	124.2380	0.78		
5240		HIP 68103	209.1424	27.49208	5	K3III	5247	121710	9 Boo	Bootes	648.1110	1.441		
5241		HIP 68177	209.3655	-23.02263	6.132	K2/3III	5246	121699	363 G. Hy	Hydra	595.9771	1.426		
5242		HIP 68191	209.4120	-63.68669	4.701	K1.5IIIb:	5241	121474	294 G. Ce	Centaurus	208.8405	1.075		
5243		HIP 68224	209.4953	-25.99808	6.42	K1III		121758	364 G. Hy	Hydra	579.0414	1.274		
5244		HIP 68245	209.5677	-42.10075	3.802	B2IV	5248	121743	ϕ Centaur	Centaurus	465.0489	-0.224		
5245		HIP 68269	209.6297	-24.97225	5.15	B8V	5250	121847	47 Hya	Hydra	339.2292	-0.086		
5246		HIP 68270	209.6301	-65.80066	6.24	K0III	5242	121557		Circinus	527.5073	1.043		
5247		HIP 68276	209.6621	21.69619	5.748	A0Vs	5255	121996	10 Boo	Bootes	480.1166	-0.002		
5248		HIP 68279	209.6662	14.64927	5.999	K5III	5254	121980		Bootes	530.9433	1.43		
5249		HIP 68282	209.6697	-44.80358	3.87	B2IV-V	5249	121790	υ 1 Centa	Centaurus	417.4138	-0.208		
5250		HIP 68333	209.8228	-50.36964	5.927	G8/K0III	5251	121853	298 G. Ce	Centaurus	335.3921	0.957		

5251		HIP 6838(	209.9553:	-3.549801	6.394	F6V	5258	122106	204 G. Vir	Virgo	252.9092	0.486		
5252		HIP 6839(	210.0005(	-25.01040	5.77	F6V	5257	122066	48 Hya	Hydra	187.0337	0.48		
5253		HIP 6841:	210.0724(	-61.48102	6.469	F0/2III/IV	5252	121901	299 G. Ce	Centaurus	212.5162	0.333		
5254		HIP 6843:	210.1367:	-78.58998	6.079	B9III	5240	121439		Apus	727.6779:	0.007		
5255		HIP 6845:	210.2185:	-66.26891	5.948	F2III	5253	121932		Circinus	250.5767	0.352		
5256		HIP 6847:	210.2936(	27.38659:	6.221	A7III	5263	122405	11 Boo	Bootes	339.9366	0.193		
5257		HIP 6849:	210.3293(	-40.22193	6.108	K1III	5259	122210	302 G. Ce	Centaurus	804.9399	1.265		
5258		HIP 6849:	210.3351:	8.894893(	5.973	A2V	5262	122365	1 G. Boo	Bootes	287.7319:	0.089		
5259		HIP 6851(	210.4033:	17.66838:	6.384	G5		122443		Bootes	6037.033:	1.215		
5260		HIP 6852(	210.4116:	1.5445306	4.237	A2IV/V	5264	122408	τ Virginis	Virgo	218.2062:	0.121		
5261		HIP 6852:	210.4312:	-45.60340	4.33	F7II/III	5260	122223	υ 2 Centa	Centaurus	447.8035:	0.598		
5262		HIP 6853:	210.4610-	68.67867-	6.329	K5	5282	122909		Draco	591.6510:	1.412		
5263		HIP 6856:	210.5507:	45.75345:	6.269	K3	5271	122675		CanesVen	544.2409(	1.353		
5264		HIP 6858:	210.5949:	-27.42977	5.469	K2/3III	5265	122430		Hydra	434.0887:	1.331		
5265		HIP 6859-	210.6326:	9.6860956	6.19	G8:III:Fe-5	5270	122563		Bootes	867.0201-	0.853		
5266		HIP 6863:	210.7489:	50.97180:	6.15	A2V	5280	122866		UrsaMajo	313.4615(	0.026		
5267			210.7571:	-31.68403	6.47	~	5268	122510A		Centaurus	124.7609:	0.48		
5268		HIP 6864:	210.7669:	-17.36701	6.31	K2/3III		122577	207 G. Vir	Virgo	483.6798:	1.38		
5269		HIP 6867(	210.8604-	-56.21343	5.923	K2III	5266	122438	305 G. Ce	Centaurus	530.0827:	1.207		
5270		HIP 6867:	210.8644-	-41.42334	6.088	ApSi	5269	122532	V828 Cen	Centaurus	551.6085:	-0.112	6.1	6.145
5271		HIP 6868:	210.8847:	10.78676:	6.268	G6V	5273	122742		Bootes	54.11701:	0.733		
5272		HIP 6868:	210.9031:	7.5461703	6.239	G9III	5274	122744	2 G. Boo	Bootes	432.3609:	0.927		
5273		-	210.9554:	-60.37318	3.95	~	-	-	* bet Cen	Centaurus				
5274	Hadar	HIP 6870:	210.9558:	-60.37303	0.58	B1III	5267	122451	β Centaur	Centaurus	397.7201:	-0.231	0.61	0.655
5275		HIP 6870:	210.9712(	-22.42159	6.299	F3IV	5272	122703	208 G. Vir	Virgo	252.1268:	0.452		
5276		HIP 6870:	210.9823:	4.9009722	6.238	F4V	5275	122797	209 G. Vir	Virgo	204.9028:	0.406		
5277		HIP 6873:	211.0606:	-5.381418	6.387	K3III	5276	122815	211 G. Vir	Virgo	294.7559:	1.321		
5278	Thuban	HIP 6875(	211.0973:	64.37586:	3.68	A0III	5291	123299	α Draconi	Draco	308.7123:	-0.049		
5279		HIP 6876:	211.1124:	-14.97170	6.344	K1III+G	5277	122837	210 G. Vir	Virgo	472.4654(	1.081		
5280		HIP 6877(	211.1559-	2.2975315	6.27	K0IV	5283	122910	213 G. Vir	Virgo	398.0461:	1.022		

5281		HIP 68815	211.3328	-76.79676	5.5	M6.5III:	5261	122250	θ Apodis	Apus	328.2984	1.239		
5282		HIP 68842	211.4436	-54.66936	6.204	A5III/IV	5278	122844	V992 Cen	Centaurus	425.0324	0.225		
5283		HIP 68862	211.5115	-41.17963	4.343	B2V	5285	122980	χ Centaur	Centaurus	445.9649	-0.198	4.15	4.17
5284		HIP 68872	211.5454	-43.09170	6.176	G8III	5286	123004	312 G. Ce	Centaurus	561.1016	0.986		
5285		HIP 68895	211.5929	-26.68236	3.28	K2-IIIFe-0.	5287	123123	π Hydrae	Hydra	101.3368	1.091		
5286		HIP 68902	211.6048	-59.71590	6.5	B0Ia	5281	122879	310 G. Ce	Centaurus	7549.918	0.079		
5287	Menkent	HIP 68933	211.6706	-36.36995	2.05	K0-IIIb	5288	123139	θ Centaur	Centaurus	60.91183	1.011		
5288		HIP 68940	211.6784	-9.313515	5.453	F2III	5290	123255	95 Vir	Virgo	178.9242	0.347		
5289		HIP 68956	211.7348	74.59378	6.44	A7V	5305	124063	3 UMi	UrsaMino	437.5834	0.16		
5290			211.847	-48.285	5.6	Open Cluster			NGC 5460	Centaurus				
5291		HIP 69011	211.9200	-48.70402	6.418	B9.5V		123247	317 G. Ce	Centaurus	329.6252	0.001		
5292		HIP 69038	211.9823	43.85445	5.28	M4.5III	5299	123657	BY Boo	Bootes	465.0489	1.493	4.98	5.33
5293		HIP 69065	212.0595	-63.20795	6.389	G8/K0III	5289	123151	313 G. Ce	Centaurus	384.4356	1.013		
5294		HIP 69068	212.0720	49.45816	5.25	M1.5III	5300	123782	CF Boo	Bootes	556.3126	1.637	5.2	5.3
5295		HIP 69090	212.1131	-74.85028	6.02	F9.5V	5279	122862		Apus	93.48999	0.581		
5296		HIP 69107	212.1918	59.33764	6.471	K0III-IV	5302	123977		UrsaMajo	438.1735	1.023		
5297		HIP 69112	212.2121	77.54750	4.805	K3-IIIbFe-(	5321	124547	4 UMi	UrsaMino	499.9994	1.368		
5298		HIP 69113	212.2161	-43.47077	6.17	B9V	5294	123445	319 G. Ce	Centaurus	713.3469	-0.056		
5299		HIP 69122	212.2343	-59.27670	6.339	B3V+B8V	5292	123335	V883 Cen	Centaurus	1068.853	0.031		
5300		HIP 69127	212.2524	-10.33454	6.46	K0III	5298	123630	96 Vir	Virgo	554.4218	1.003		
5301		HIP 69174	212.3959	-51.50467	5.961	B8V	5296	123515	V869 Cen	Centaurus	547.8986	-0.053	5.92	6.01
5302		HIP 69191	212.4783	-53.43894	4.736	G9-III	5297	123569	321 G. Ce	Centaurus	181.8181	0.938		
5303		HIP 69226	212.5997	25.09167	4.83	F8V	5304	123999	12 Boo	Bootes	119.5452	0.541		
5304		HIP 69241	212.6287	-70.30546	6.04	K4II	5293	123377		Circinus	2819.228	1.718		
5305		HIP 69269	212.7103	-16.30203	4.91	M2IIIa	5301	123934	ET Vir	Virgo	541.5285	1.684	4.8	5
5306		HIP 69298	212.7578	-69.71931	6.065	A6IV	5295	123492		Circinus	239.7059	0.19		
5307		HIP 69316	212.8130	32.29589	6.129	K4III	5310	124186		Bootes	383.0794	1.258		
5308		HIP 69340	212.8800	1.362397	6.408	F6V	5307	124115	221 G. Vir	Virgo	149.6787	0.479		
5309		HIP 69373	213.0167	69.43254	5.24	M2III	5334	124730		UrsaMino	445.3552	1.595		
5310		HIP 69389	213.0658	2.409429	5.02	ApSi	5313	124224	CU Vir	Virgo	261.8475	-0.118	4.92	5.07

5311		HIP 69398	213.1023(	-24.36335	6.344	K2III	5309	124162	369 G. Hy	Hydra	483.6798	1.351		
5312		HIP 69415	213.1917(	-27.26118	5.08	K2III	5312	124206	50 Hya	Hydra	229.2547(	1.13		
5313	Kang	HIP 69427	213.2239	-10.27370	4.21	K2.5IIIFe-(	5315	124294	κ Virginis	Virgo	223.4408	1.323		
5314		HIP 69458	213.3052	-26.61231	6.236	K0III	5314	124281	371 G. Hy	Hydra	708.6949	1.071		
5315		HIP 69462	213.3183	-53.66565	5.575	K5III	5308	124147	324 G. Ce	Centaurus	2608.000	1.438		
5316		HIP 69483	213.3708(	51.78996	4.5	A7IV	5329	124675	κ 2 Boötis	Bootes	155.0166	0.233	4.5	4.58
5317		HIP 69491	213.4159	-54.62562	6.09	B5V	5311	124195	V716 Cen	Centaurus	1101.352	0.051	5.96	6.52
5318		HIP 69493	213.4199	-0.845464	5.9	F6V	5317	124425	224 G. Vir	Virgo	181.7170	0.489		
5319		HIP 69564	213.5887	-5.947720	6.36	F8V	5322	124553	225 G. Vir	Virgo	135.3259	0.593		
5320		HIP 69569	213.5981	41.51875	6.227	K3III:	5335	124755		Bootes	145.5359	1.071		
5321		HIP 69585	213.6483	13.97544	6.44	K2		124678		Bootes	502.3107	1.348		
5322		HIP 69592	213.6706	21.87339	6.377	A7V	5333	124713		Bootes	192.3306	0.194		
5323		HIP 69598	213.6777	-41.83749	5.613	G8III	5318	124433	330 G. Ce	Centaurus	449.0358	0.929		
5324		HIP 69612	213.7118(	10.10061(	5.32	K1III	5330	124679	15 Boo	Bootes	254.8867	1.007		
5325		HIP 69614	213.7209	3.335884	6.45	M3III	5331	124681	FS Vir	Virgo	812.9693	1.6	6.37	6.52
5326		HIP 69618	213.7380	-57.08612	5.07	B4Vne	5316	124367	V795 Cen	Centaurus	485.8412	-0.074	4.97	5.1
5327		HIP 69623	213.7552	-29.28190	6.09	A1V	5324	124576	372 G. Hy	Hydra	695.0974(	0.04		
5328		HIP 69655	213.8387	-53.50994	6.395	K3III	5319	124454	329 G. Ce	Centaurus	978.9783(	1.576		
5329		HIP 69658	213.8503	-18.20069	5.532	A0V	5332	124683	226 G. Vir	Virgo	261.0090	0.001		
5330		HIP 69671	213.9111	-45.00075	6.305	G0V	5325	124580	332 G. Ce	Centaurus	68.61717(	0.596		
5331	Arcturus	HIP 69673	213.9153(	19.18240	-0.05	K1.5IIIFe-(	5340	124897	α Boötis	Bootes	36.69100(	1.239		
5332	Syrma	HIP 69701	214.0036	-6.000547	4.08	F7III	5338	124850	ι Virginis	Virgo	69.74774	0.511		
5333			214.0172	18.91180	5.957	A8V	5343	124953	V* CN Bo	Bootes		0.274		
5334		HIP 69713	214.0413	51.36723(	4.75	A7V	5350	125161	ι Boötis	Bootes	97.19726	0.236	4.73	4.78
5335		HIP 69727	214.0890	-6.621542	6.434	A7IV/V	5341	124915	229 G. Vir	Virgo	169.8803(	0.275		
5336	Xuange	HIP 69732	214.0959	46.08830	4.18	A0Va_lB	5351	125162	λ Boötis	Bootes	97.08153	0.087		
5337		HIP 69735	214.1011	39.74470	6.376	F2IV	5347	125111		Bootes	157.3358	0.376		
5338		HIP 69747	214.1256	-3.196297	6.141	A0V	5342	124931	230 G. Vir	Virgo	541.5285	-0.007		
5339			214.1368	20.12184	6.41	~	5346	125040A		Bootes	105.1953(	0.504		
5340		HIP 69763	214.1613	-66.58789	5.75	B2III/IV	5320	124471		Circinus	2295.774	-0.095		

5341		HIP 69773	214.20306	-8.884475	6.47	K1III		124973	233 G. Vir	Virgo	531.81052	1.212		
5342		HIP 69778	214.22978	-77.66422	6.472	K2IIp	5306	124099		Apus	2362.3207	1.375		
5343		HIP 69792	214.26579	-18.58570	6.219	K0III	5344	124990	231 G. Vir	Virgo	382.17973	0.985		
5344		HIP 69818	214.33808	51.307335	6.195	A2IV	5360	125349		Bootes	331.30088	0.07		
5345		HIP 69829	214.36854	15.26338(	5.8	M3III	5352	125180	CY Boo	Bootes	1012.4227	1.678	5.74	5.9
5346		HIP 69862	214.45499	48.002003	6.316	F5	5363	125406		Bootes	231.20581	0.466		
5347		HIP 69879	214.49923	35.509512	4.796	K0III	5361	125351		Bootes	222.82989	1.057		
5348		HIP 69881	214.50302	-7.542392	6.5	G5IV	5353	125184	235 G. Vir	Virgo	106.99064	0.723		
5349		HIP 69896	214.55789	-81.00775	4.889	A2mA7-F2	5303	123998	η Apodis	Apus	139.55478	0.243		
5350		HIP 69929	214.65937	-18.71596	5.9	ApSi(Cr)	5355	125248	CS Vir	Virgo	294.22392	0.013	5.84	5.95
5351		HIP 69958	214.73298	54.863781	6.48	A5Vn	5372	125632		Bootes	334.35876	0.183		
5352		HIP 69965	214.75373	-25.81542	5.87	F9VFe-1.5	5356	125276	374 G. Hy	Hydra	57.976202	0.518		
5353	Khambalia	HIP 69974	214.77746	-13.37109	4.52	A1V	5359	125337	λ Virginis	Virgo	186.60574	0.128		
5354		HIP 69977	214.77982	-27.14115	6.34	K5III		125279	373 G. Hy	Hydra	833.75835	1.591		
5355		HIP 69989	214.81783	13.004301	5.396	F3V	5365	125451	18 Boo	Bootes	85.050836	0.385		
5356		HIP 69995	214.84950	-37.00290	5.925	A2Vn	5357	125283	337 G. Ce	Centaurus	223.28792	0.082		
5357		HIP 69996	214.85092	-46.05809	3.529	B2.5IV	5354	125238	ι Lupi	Lupus	351.67264	-0.184		
5358		HIP 70012	214.88533	-2.265516	5.14	G9IIICN-0.	5366	125454	υ Virginis	Virgo	273.94965	1.023		
5359		HIP 70022	214.92062	0.384334	6.179	A7Vn	5368	125489	239 G. Vir	Virgo	228.13163	0.201		
5360		HIP 70029	214.94891	38.794049	6.31	A2V	5373	125642		Bootes	446.57453	0.053		
5361		HIP 70035	214.96459	-61.27297	5.23	A5/7mA7-	5349	125158	334 G. Ce	Centaurus	157.56401	0.281		
5362		HIP 70038	214.97166	-6.746159	6.44	K0III		125490	240 G. Vir	Virgo	301.29388	0.915		
5363		HIP 70051	215.03610	30.429126	6.445	kA3hA4m	5374	125658		Bootes	282.98636	0.156		
5364		HIP 70054	215.04042	-43.05884	5.66	G8III	5362	125383		Lupus	383.98251	0.907		
5365		HIP 70069	215.08142	-56.38649	4.35	B5II	5358	125288	ν Cen	Centaurus	1185.4538	0.082		
5366		HIP 70090	215.13930	-37.88529	4.034	A0IV	5367	125473	ψ Centau	Centaurus	247.15700	-0.03		
5367		HIP 70104	215.17742	-45.18705	4.77	F0IV	5364	125442		Lupus	148.51947	0.31		
5368		HIP 70243	215.58216	-34.78679	5.568	B8V	5376	125745	341 G. Ce	Centaurus	1230.1875	-0.088		
5369		HIP 70248	215.59663	-80.10895	5.052	B3V	5336	124771	ϵ Apodis	Apus	550.67614	-0.108		
5370		HIP 70264	215.65447	-58.45911	4.94	G9III	5371	125628	340 G. Ce	Centaurus	282.00706	0.795		

5371	HIP 70300	215.7593	-39.51181	4.42	B2V	5378	125823	V761 Cen	Centaurus	418.4863	-0.185	4.38	4.43
5372	HIP 70306	215.7740	-27.75401	4.75	K4III	5381	125932	51 Hya	Hydra	174.6118	1.3		
5373	HIP 70319	215.8136	1.241567	6.27	G1.5V	5384	126053	243 G. Vir	Virgo	57.37408	0.639		
5374	HIP 70320	215.8139	-47.41696	6.39	G5/6Ib		125809		Lupus	3227.723	1.257		
5375	HIP 70325	215.8343	-50.77225	6.09	K2III	5377	125810		Lupus	802.9546	1.36		
5376	HIP 70327	215.8445	8.446620	4.87	~	5385	126128		Bootes	214.8979	0.01		
5377		215.8445	8.446618	5.037	A0V			BD+09 28	Bootes				
5378	HIP 70336	215.8567	-11.71404	6.214	K0III	5383	126035	2 Lib	Libra	330.2935	0.99		
5379	HIP 70363	215.9524	-53.17624	5.993	K1III	5380	125869		Lupus	348.2920	1.099		
5380	HIP 70384	216.0036	8.243967	5.93	A3V	5388	126200	4 G. Boo	Bootes	383.9825	0.066		
5381	HIP 70385	216.0082	27.41317	6.41	K4III		126307		Bootes	1475.114	1.609		
5382	HIP 70400	216.0472	5.820127	5.094	A3V	5392	126248	244 G. Vir	Virgo	151.2060	0.124		
5383		216.085	-61.328	6.4	Open Cluster			Cl Lynga 2	Centaurus				
5384	HIP 70418	216.0919	-82.84824	6.417	B9IVe	5327	124639		Apus	881.0805	-0.001		
5385	HIP 70451	216.1700	-44.31113	6.43	K0/1III		126093		Lupus	493.9390	1.047		
5386	HIP 70469	216.2026	-24.80630	5.332	K0III	5390	126218		Libra	399.5099	0.962		
5387		216.2274	-46.52874	6.36	M1(III)		126111		Lupus		1.68		
5388	HIP 70492	216.2763	-68.19533	5.62	A1Iab/b	5379	125835		Circinus	3505.381	0.435		
5389	HIP 70497	216.2991	51.85074	4.05	F7V	5404	126660	θ Boötis	Bootes	47.5011	0.497		
5390	HIP 70501	216.3233	-13.35316	6.49	K2III		126363		Libra	519.9376	1.223		
5391	HIP 70517	216.3714	38.39305	6.28	K2III:	5402	126597		Bootes	624.5216	1.225		
5392	HIP 70528	216.4156	-66.17292	6.362	A3V	5382	125990		Circinus	418.4863	0.128		
5393	HIP 70538	216.4490	-26.85224	6.487	K0III	5399	126400	378 G. Hy	Hydra	250.9624	0.941		
5394	HIP 70574	216.5342	-45.22142	4.553	B2IV	5395	126341	τ 1 Lupi	Lupus	1034.919	-0.147	4.54	4.58
5395	HIP 70576	216.5450	-45.37927	4.35	F7	5396	126354	τ 2 Lupi	Lupus	314.0655	0.434		
5396	HIP 70580	216.5560	-42.31859	6.333	K2III	5398	126386	347 G. Ce	Centaurus	314.0655	1.215		
5397	HIP 70602	216.6140	19.22689	5.394	kA7hA8m	5405	126661	22 Boo	Bootes	286.4677	0.231		
5398	HIP 70626	216.7078	-39.87398	6.346	B9V	5400	126475	348 G. Ce	Centaurus	457.8639	-0.088		
5399	HIP 70638	216.7301	-83.66788	4.304	K2III	5339	124882	δ Octantis	Octans	278.6326	1.3		
5400	HIP 70657	216.7795	-65.82164	5.828	K3III	5391	126241		Circinus	920.9047	1.502		

5401		HIP 70663	216.8006	-46.13419	5.811	A1mA5/7-	5401	126504		Lupus	189.9769(	0.311	
5402		HIP 7068(	216.8516(	-6.120344	6.161	A1V	5406	126722	104 Vir	Virgo	235.7196	0.093	
5403		HIP 70692	216.8814	75.69599	4.235	K4-III	5430	127700	5 UMi	UrsaMino	344.6082(	1.431	
5404		HIP 70753	217.0434	-29.49163	4.97	B7/8V	5407	126769	52 Hya	Hydra	415.2883(	-0.074	
5405	Elgafar	HIP 70755	217.0505	-2.227958	4.84	G2IV	5409	126868	ϕ Virginis	Virgo	134.9898	0.693	
5406		HIP 70762	217.0684	36.19702	6.2	K0III	5416	127065		Bootes	936.7809(	1.174	
5407		HIP 70794	217.1738	-6.900526	5.418	K4/5III	5410	126927	106 Vir	Virgo	478.7083(	1.49	
5408		HIP 70798	217.1812	-59.19754	6.469	A0II/III	5403	126610	349 G. Ce	Centaurus	2533.844	0.111	
5409		HIP 7080(	217.2162	-47.99208	6.39	ApSi		126759		Lupus	490.9627	-0.112	
5410		HIP 70874	217.4041	-76.72908	6.06	K0/1III	5389	126209		Apus	521.6001	1.18	
5411		HIP 70892	217.4569(	31.79118	6.05	A0Vs(Si)	5422	127304		Bootes	348.6636	-0.013	
5412		HIP 70894	217.4604	0.8289308	5.966	A5IV/V	5418	127167	250 G. Vir	Virgo	248.8551	0.159	
5413		HIP 70915	217.5359	-45.32135	5.5	B8V	5412	126981		Lupus	476.6089	-0.087	
5414		HIP 70931	217.5872(	-49.51903	5.376	A2Vs+A2V	5413	126983		Lupus	222.3738	0.056	
5415		HIP 70949	217.6891	4.772285	6.007	K4III	5424	127337	252 G. Vir	Virgo	1079.471	1.421	
5416		HIP 70966	217.7359(	-40.84512	6.374	K3III	5417	127152	350 G. Ce	Centaurus	1048.230	1.441	
5417		HIP 70987	217.7951(	-38.86971	5.983	K1III	5419	127193	351 G. Ce	Centaurus	345.7068	1.06	
5418			217.8185(	-67.71720	5.903	~	5408	126862A		Circinus	274.4109	1.006	
5419		HIP 7104(	217.9283	60.22563	6.26	F0III	5437	127929	ER Dra	Draco	416.3477	0.243	6.18 6.21
5420		HIP 71053	217.9574	30.37143(	3.59	K3-III	5429	127665	ρ Boötis	Bootes	148.7225(	1.298	
5421	Seginus	HIP 71075	218.0194(	38.30824	3.02	A7IV+(n)	5435	127762	γ Boötis	Bootes	85.13983(	0.191	3.02 3.07
5422		HIP 71094	218.0842	26.67728	6	A7V	5433	127726		Bootes	232.3592(	0.23	
5423		HIP 71111	218.1288	55.39799	5.718	K5III	5442	128000		Draco	611.6316	1.529	
5424		HIP 71115	218.1355	22.26005(	5.897	F2IV	5434	127739	26 Boo	Bootes	167.6954	0.391	
5425		HIP 71121	218.1543	-50.45714	4.423	B1/B2V	5425	127381	σ Lupi	Lupus	573.9427	-0.177	4.42 4.44
5426		HIP 71154	218.2902	-30.71505	6.12	K0III	5428	127624	352 G. Ce	Centaurus	411.6175	1.03	
5427		HIP 71168	218.3344	36.95901	6.39	F8IVw	5441	127986		Bootes	238.4785	0.521	6.9 6.92
5428		HIP 71182	218.3748(	-52.67951	5.87	K0III	5427	127501		Lupus	341.0059	1.085	
5429		HIP 71184	218.3848(	-54.99862	5.87	F5IV	5426	127486		Lupus	285.4642	0.482	
5430		HIP 7119(	218.4095	79.66042(	6.27	K3III	5479	129245		UrsaMino	461.1043	1.315	

5431		HIP 71243	218.5487	32.53447	6.306	F5V	5445	128093		Bootes	137.4367	0.45		
5432		HIP 71277	218.6604	36.62606	5.999	K5III	5448	128198		Bootes	567.9443	1.379		
5433		HIP 7128(	218.6650	49.36835	5.74	M1III	5452	128333	CH Boo	Bootes	781.7743	1.56	5.74	5.88
5434		HIP 71284	218.6700	29.74512	4.47	F4VkF2mF	5447	128167	σ Boötis	Bootes	50.41755	0.364		
5435		HIP 71295	218.7113	-20.43938	6.481	A3V	5438	127964		Libra	612.7824	0.139		
5436			218.734	-56.64	5.5	Open Cluster			NGC 5662	Centaurus				
5437		HIP 71333	218.8210	-60.01564	6.384	K2III	5432	127724	354 G. Cer	Centaurus	609.3463	1.256		
5438		HIP 71352	218.8767	-42.15782	2.31	B2Ve	5440	127972	η Centaur	Centaurus	308.4202	-0.157	2.3	2.41
5439		HIP 71353	218.8811	-41.51744	5.87	B7V	5439	127971	357 G. Cer	Centaurus	358.2415	-0.085		
5440		HIP 7140(	219.0286	23.25036	6.37	K0	5454	128402		Bootes	376.8789	1.063		
5441		HIP 71419	219.0792	-46.24545	5.55	K3III	5444	128068		Lupus	636.7206	1.489		
5442		HIP 71429	219.1004	-39.59741	6.141	K1III	5446	128152	358 G. Cer	Centaurus	399.9988	1.048		
5443		HIP 71453	219.1838	-40.21158	5.736	B8V	5449	128207	359 G. Cer	Centaurus	419.0242	-0.112		
5444		HIP 71469	219.2491	-12.30529	6.2	F6V	5455	128429		Libra	108.7754	0.464		
5445		HIP 7149(	219.2982	26.73657	6.2	M4-8e		128609		Bootes	2145.201		6.2	13.1
5446		HIP 71494	219.3017	-53.06078	6.49	K2/3III		128154		Lupus	710.2401	1.447		
5447		HIP 7150(	219.3339	-46.13343	5.431	G8III	5450	128266		Lupus	1336.065	0.927		
5448		HIP 7151(	219.3686	2.277240	6.455	F8V		128563	254 G. Vir	Virgo	292.1147	0.56		
5449		HIP 7153(	219.4427	-67.93201	6.04	F8.5VFe-0	5443	128020		Circinus	91.83098	0.506		
5450		HIP 71536	219.4717	-49.42582	4.05	B3/4V	5453	128345	ρ Lupi	Lupus	310.1809	-0.152		
5451		HIP 71568	219.5524	43.64212	5.721	K4III	5464	128902		Bootes	1143.859	1.481		
5452		HIP 71571	219.5582	18.29837	5.91	K2III:	5462	128750		Bootes	367.1185	1.099		
5453		HIP 71573	219.5634	54.02334	5.83	A1V	5467	128998		Bootes	428.3837	0.007		
5454		HIP 71577	219.5736	-49.90112	6.5	A0IV		128415		Lupus	772.5127	0.031		
5455		HIP 71581	219.5807	-38.79418	6.031	K3III	5456	128488	361 G. Cer	Centaurus	626.9243	1.422		
5456		HIP 71618	219.7092	44.40450	5.387	A1V	5468	129002	33 Boo	Bootes	196.8600	0.03		
5457		HIP 71639	219.7951	-46.58447	6.07	F8V	5457	128582		Lupus	117.4353	0.508		
5458		HIP 71658	219.8519	-49.05532	6.39	F5IV/V	5458	128617		Lupus	182.0212	0.44		
5459	Toliman	HIP 71681	219.8960	-60.83752	1.33	K1V	5460	128621	α 2 Centa	Centaurus	4.403123	0.9		
5460	Rigil Kenta	HIP 71683	219.9020	-60.83399	0.01	G2V	5459	128620	α 1 Centa	Centaurus	4.389739	0.71		

5461		HIP 71683	219.90208	-60.83397	-0.1	G2V+K1V	5459	128620	* alf Cen	Centaurus	4.389739	0.71		
5462		HIP 71729	220.09112	21.97586	6.15	G0V	5472	129132		Bootes	344.2463	0.434		
5463		HIP 71746	220.13649	-56.44076	6.296	K0/1II	5461	128713	365 G. Ce	Centaurus	1006.173	1.173		
5464		HIP 71759	220.17663	13.53432	5.925	F0V	5473	129153		Bootes	173.1279	0.238		
5465		HIP 71762	220.18149	16.41832	4.893	B9IIIpHgM	5475	129174	π 1 Boötis	Bootes	317.1208	-0.002		
5466			220.18302	16.41779	5.761	A6V	5476	129175	* pi.02 Bo	Bootes	317.1208	0.218		
5467		HIP 71783	220.25579	-36.13485	5.658	B9.5III	5466	128974	367 G. Ce	Centaurus	588.4465	-0.081		
5468		HIP 71795	220.28711	13.72841	4.51	A2	5477	129246	* zet Boo	Bootes	180.4094	0.044		
5469		HIP 71795	220.28729	13.72830	3.78	A1V	5478	129247	ζ Boötis	Bootes	180.4094	0.044		
5470		HIP 71795	220.28733	13.72828	4.51	A3IV	5478	129247	* zet Boo	Bootes	180.4094	0.044		
5471		HIP 71832	220.41146	8.161764	4.862	G7IIIa	5480	129312	31 Boo	Bootes	575.9705	0.992		
5472		HIP 71857	220.47599	21.12352	6.4	G8III-IV	5483	129430		Bootes	475.2201	0.928		
5473	Uridim	HIP 71860	220.48231	-47.38819	2.286	B1.5III	5469	129056	α Lupi	Lupus	547.8986	-0.154	2.29	2.34
5474		HIP 71861	220.48325	-58.61583	6.204	F5V	5465	128917		Circinus	144.3756	0.454		
5475		HIP 71865	220.48996	-37.79349	4	B2.5V	5471	129116	b Cen	Centaurus	304.9581	-0.157		
5476		HIP 71870	220.49879	-77.01145	6.34	B9III		128294		Apus	591.6511	-0.027		
5477		HIP 71876	220.51353	61.26191	6.29	F3V	5492	129798	DL Dra	Draco	138.9008	0.409	6.22	6.29
5478	Xami	HIP 71908	220.62675	-64.97513	3.19	A7VpSrCr	5463	128898	α Circini	Circinus	53.46891	0.256	3.18	3.21
5479		HIP 71957	220.76509	-5.658201	3.88	F2V	5487	129502	μ Virginis	Virgo	60.88901	0.385		
5480		HIP 71974	220.80646	-24.99775	5.73	A0IVe	5484	129433	4 Lib	Libra	409.0356	0.006		
5481		HIP 71995	220.85567	26.52785	4.79	M3-III	5490	129712	W Boo	Bootes	888.2851	1.672	4.73	5.4
5482		HIP 72000	220.86722	-62.96663	6.408	B3IV		129092		Circinus	1216.417	-0.086		
5483		HIP 72010	220.91432	-35.17366	4.04	K3IIIb	5485	129456	c1 Cen	Centaurus	205.1606	1.356		
5484		HIP 72012	220.93514	40.45925	5.73	K4III	5493	129846		Bootes	793.1876	1.398		
5485		HIP 72097	221.23115	-58.47749	6.098	K0III	5486	129462		Circinus	365.8797	1.013		
5486			221.24645	27.07498	4.801	A0V	5505	129988	* eps Boo	Bootes		0.052		
5487		HIP 72104	221.24667	-35.19182	4.924	A0IVnn	5489	129685	c2 Cen	Centaurus	206.8529	0.013		
5488	Izar	HIP 72105	221.24673	27.07422	2.45	K0-II-III	5506	129989	ϵ Boötis	Bootes	209.6464	0.966		
5489		HIP 72121	221.29566	-55.60164	6.089	B2III	5488	129557	BU Cir	Circinus	1724.869	-0.066	6.1	6.12
5490		HIP 72122	221.29878	-1.417530	6.07	M1III	5496	129902	257 G. Vir	Virgo	510.9726	1.608		

5491		HIP 72124	221.30713	32.78834	6.28	M1III	5510	130084		Bootes	976.04762	1.61		
5492		HIP 72125	221.31025	16.96427	4.6	G8.5III	5502	129972	ο Boötis	Bootes	225.13830	0.972		
5493		HIP 72131	221.32223	-62.87564	5.36	A9III/IV	5482	129422		Circinus	149.88508	0.308		
5494		HIP 72135	221.32844	-51.31492	6.43	K4III		129624		Lupus	1116.4395	1.591		
5495		HIP 72139	221.33575	18.88495	6.145	K0	5507	130025		Bootes	494.68889	0.841		
5496		HIP 72154	221.37585	0.717272	5.665	B9.5V	5501	129956	108 Vir	Virgo	613.93647	-0.021		
5497		HIP 72194	221.49066	-15.45954	6.34	K2III	5503	129978	5 Lib	Libra	1108.8437	1.194		
5498		HIP 72197	221.50034	-25.44317	5.11	F0VSr	5497	129926A	* m Hya A	Hydra	99.208697	0.315		
5499		HIP 72208	221.52476	15.13178	5.63	M5+IIIab	5512	130144	EK Boo	Bootes	908.07986	1.335		
5500		HIP 72210	221.52821	-23.15303	5.803	K0III	5499	129944		Libra	365.87972	0.98		
5501		HIP 72217	221.54533	-21.17596	6.43	G1V	5504	129980		Libra	137.90197	0.603		
5502		HIP 72220	221.56218	1.892883	3.73	A0IIInn	5511	130109	109 Vir	Virgo	128.59956	-0.005		
5503		HIP 72250	221.62080	-47.44111	5.74	A1V	5494	129858		Lupus	339.93663	0.066		
5504		HIP 72290	221.75539	-52.38351	5.22	G8III	5495	129893		Lupus	259.14174	0.984		
5505		HIP 72296	221.77123	-38.29063	5.898	K3III	5508	130055	373 G. Cer	Centaurus	554.42189	1.336		
5506		HIP 72308	221.80244	-52.20525	6.07	A1III/IV	5498	129932		Lupus	2414.8165	0.084		
5507		HIP 72310	221.80687	-21.32487	6.034	K4/5III	5513	130157		Libra	1862.8592	1.649		
5508		HIP 72323	221.84398	-25.62426	5.609	B9IV/V	5514	130158	55 Hya	Hydra	612.78243	-0.043		
5509		HIP 72338	221.88373	-43.55680	6.3	G8III	5509	130073		Lupus	609.34639	1.068		
5510		HIP 72357	221.93669	-26.08750	5.229	G8/K0III	5516	130259	56 Hya	Hydra	331.30089	0.938		
5511		HIP 72370	221.96546	-79.04475	3.798	K3IIICN0.5	5470	129078	α Apodis	Apus	411.09593	1.433		
5512		HIP 72373	221.97896	-12.84000	6.32	K1IIICN0.5	5518	130325		Libra	360.61808	1.097		
5513		HIP 72378	221.98982	-26.64616	5.764	B9.5V	5517	130274	57 Hya	Hydra	434.08873	-0.007		
5514		HIP 72432	222.15852	-36.63469	6.01	M5III	5519	130328	375 G. Cer	Centaurus	449.03583	1.369	5.93	6.15
5515		HIP 72438	222.18562	-66.59356	5.88	B2V	5500	129954	CO Cir	Circinus	1143.8594	-0.106		
5516		HIP 72449	222.22539	-0.847660	6.136	A0IV	5522	130557		Libra	352.81364	-0.025		
5517		HIP 72471	222.27939	-56.66782	6.21	K1III	5515	130227		Circinus	311.96191	1.107		
5518	Merga	HIP 72487	222.32779	46.11620	5.757	F6IVs	5533	130945		Bootes	152.76496	0.482		
5519		HIP 72488	222.32810	-24.25146	5.692	K3III+G	5521	130529		Libra	1112.6286	1.275		
5520		HIP 72489	222.32937	-14.14902	5.6	~	5523	130559	* mu. Lib	Libra	235.20942	0.066		

5521		HIP 72489	222.32938	-14.14902	5.31	ApSrEuCr	5523	130559	μ Librae	Libra	235.20942	0.066		
5522		HIP 72508	222.38492	51.374503	6.48	F3V	5537	131040		Bootes	167.95461	0.401		
5523		HIP 72518	222.40435	-68.93619	6.488	B2V		130021		Circinus	851.17653	-0.101		
5524		HIP 72524	222.42205	48.720805	6.248	F8V	5538	131041A		Bootes	229.25470	0.501		
5525		HIP 72552	222.49332	28.615831	5.8	A4V	5532	130917		Bootes	294.75595	0.046		
5526		HIP 72567	222.56587	23.911842	5.867	F9IV-V	5534	130948	HP Boo	Bootes	58.496495	0.576		
5527	Solitaire	HIP 72571	222.57211	-27.96036	4.41	K2.5IIIbFe	5526	130694	58 Hya	Hydra	305.24370	1.366		
5528		HIP 72603	222.67154	-15.99721	5.16	F3V	5530	130819	α 1 Librae	Libra	77.141423	0.401		
5529	Kochab	HIP 72607	222.67635	74.155503	2.08	K4-III	5563	131873	β Ursae M	UrsaMino	126.40556	1.465		
5530	Zubenelge	HIP 72622	222.71963	-16.04177	2.75	kA2hA5m	5531	130841	α 2 Librae	Libra	77.159679	0.147		
5531		HIP 72629	222.75039	-0.257494	6.175	K4III	5536	130970	261 G. Vir	Virgo	454.03993	1.397		
5532		HIP 72631	222.75446	-2.299150	4.94	K0III/IV	5535	130952	11 Lib	Libra	216.03735	0.988		
5533		HIP 72659	222.84741	19.100472	4.593	G7Ve+K5\	5544	131156	ξ Boötis	Bootes	21.841108	0.72	4.52	4.67
5534		HIP 72659	222.84745	19.100449	4.675	G7Ve	5544	131156A	* ksi Boo A	Bootes	21.841108	0.72	4.52	4.67
5535		HIP 72670	222.87515	-77.17597	6.44	ApSi		129899		Apus	898.07165	-0.024		
5536		HIP 72683	222.90959	-43.57536	4.313	B5IV	5528	130807	o Lupi	Lupus	407.50016	-0.154		
5537		HIP 72702	222.96377	-18.35532	6.26	K0II/III		131027	10 Lib	Libra	913.16546	1.094		
5538		HIP 72772	223.13792	-30.57725	6.29	G0/1V	5542	131117	377 G. Cer	Centaurus	130.45222	0.605		
5539		HIP 72773	223.14691	-63.80982	5.96	F8II	5527	130701	AX Cir	Circinus	1012.4227	0.66	5.65	6.09
5540		HIP 72800	223.21280	-37.80316	5.015	B7IIIp	5543	131120	V1019 Cer	Centaurus	383.98251	-0.155		
5541			223.30654	-73.19007	5.77	~	5520	130458A		Apus	319.92152	0.82		
5542		HIP 72833	223.30654	-73.19007	5.6	G7III	5520	130458		Apus	319.92152	0.82		
5543		HIP 72846	223.34728	15.705163	6.38	F4IV+G1IV	5550	131473		Bootes	159.80396	0.569		
5544		HIP 72848	223.34902	19.152797	6	K0.5V	5553	131511	DE Boo	Bootes	37.605430	0.841	6	6.05
5545		HIP 72929	223.58386	-24.64220	5.266	K2/3III	5548	131430	12 Lib	Libra	384.43565	1.336		
5546		HIP 72934	223.59530	-11.89835	5.788	K0III	5554	131530	ξ 1 Librae	Libra	364.65396	0.982		
5547		HIP 72959	223.65797	-33.30057	5.834	K2III	5549	131432	380 G. Cer	Centaurus	800.98230	1.429		
5548		HIP 72965	223.67744	-65.99110	6.09	B2/3Vn	5539	131058	ζ Circini	Circinus	1225.5648	-0.061		
5549		HIP 72983	223.72514	-69.86095	6.37	B5V		130942		Circinus	926.13700	-0.059		
5550		HIP 73036	223.89395	-60.11416	5.18	K2III	5546	131342		Circinus	172.76116	1.161		

5551	HIP 73049	223.9362	-33.85578	5.312	A0V	5558	131625	381 G. Cer	Centaurus	246.9698	0.046		
5552	HIP 73068	223.9941	32.30006	6.122	A2V	5569	132029		Bootes	313.1606	0.109		
5553	HIP 73087	224.0551	14.44626	5.892	A0V	5567	131951		Bootes	546.9793	-0.031		
5554	HIP 73095	224.0718	-52.80955	5.386	A1IV/V	5556	131562		Lupus	216.1804	0.142		
5555	HIP 73107	224.1286	-32.63678	6.058	K3III	5562	131774	383 G. Cer	Centaurus	550.6761	1.413		
5556	HIP 73111	224.1335	-47.87919	5.64	B9V	5559	131657		Lupus	625.7213	-0.035		
5557		224.1335	-47.87919	5.99	~	5559	131657A		Lupus	625.7213	-0.035		
5558	HIP 73116	224.1489	-39.41600	6.357	A0/1V	5561	131752	382 G. Cer	Centaurus	392.7714	0.061		
5559	HIP 73118	224.1597	-62.36441	6.391	B4III		131491		Circinus	1012.422	-0.055		
5560	HIP 73129	224.1832	-62.78102	5.11	B2III	5551	131492	θ Circini	Circinus	833.7583	-0.023	5.02	5.44
5561	HIP 73133	224.1921	-11.40970	5.45	K4III	5564	131918	ξ 2 Librae	Libra	537.9556	1.491		
5562	HIP 73165	224.2958	-4.346458	4.49	F2V	5570	132052	16 Lib	Libra	90.98534	0.318		
5563	HIP 73166	224.2986	16.38812	5.715	G5III:	5575	132146		Bootes	617.4246	0.951		
5564	HIP 73171	224.3071	-29.15767	6.283	B9V	5565	131919	391 G. Hy	Hydra	557.2646	-0.011		
5565	HIP 73184	224.3666	-21.41547	5.72	K4V	5568	131977	Gliese 57(	Libra	19.25351	1.024	5.72	5.76
5566	HIP 73193	224.3885	-0.167611	5.512	K1III	5573	132132	1 Ser	Virgo	294.7559	1.131		
5567	HIP 73199	224.3958	65.93244	4.54	M4.5III	5589	132813	RR UMi	UrsaMino	397.5604(	1.59	4.53	4.73
5568	HIP 73223	224.4707	-76.66265	5.359	K4III:	5540	131109	R Aps	Apus	427.8230(	1.442		
5569	HIP 73241	224.5366	-48.86295	6.347	G4V	5566	131923		Lupus	79.92154	0.708		
5570	HIP 73273	224.6330	-43.13396	2.68	B2III	5571	132058	β Lupi	Lupus	523.2758	-0.184		
5571	HIP 73279	224.6522(	-39.90717	6.163	K1III	5572	132096	384 G. Cer	Centaurus	365.4722	1.216		
5572	HIP 73284	224.6635	-27.65730	6.13	~	5577	132219	* 59 Hya A	Hydra	349.7851(	0.262		
5573	HIP 73309	224.7199	-4.989253	6.08	F7V	5583	132375		Libra	113.7078	0.509		
5574	HIP 73310	224.7232	-11.14401	5.857	K3-IIICN2	5582	132345	18 Lib	Libra	315.8915	1.274		
5575	HIP 73334	224.7903	-42.10419	3.11	B2IV	5576	132200	κ Centaur	Centaurus	538.8423	-0.208		
5576	HIP 73341	224.8080	-37.88123	6.47	B7V	5579	132238	386 G. Cer	Centaurus	625.7213	-0.08		
5577	HIP 73350	224.8463	4.567760(	5.93	M2.5III	5584	132525	265 G. Vir	Virgo	724.4439	1.615		
5578	HIP 73354	224.8632	-43.15985	6.095	F7II	5580	132242		Lupus	1801.105(	0.597		
5579	HIP 73369	224.9039	39.26533	5.634	F1III-IV	5588	132772	40 Boo	Bootes	164.3973(	0.336		
5580	HIP 73394	224.9823	-75.03267	6.187	B9V	5555	131551		Apus	529.2220	-0.038		

5581		HIP 73415	225.04709	-77.16055	5.92	G8II	5547	131425		Apus	876.34374	1.052		
5582	Quadrans	HIP 73695	225.06313	47.654055	4.83	G2V+G2V	5618	133640		Bootes	41.586864	0.647	5.8	6.4
5583		HIP 73454	225.16132	47.277442	6.351	A0VspSiSr	5597	133029	BX Boo	Bootes	476.60892	-0.099	6.33	6.41
5584		HIP 73464	225.21782	22.045587	6.26	K0	5592	132879		Bootes	1021.9451	1.179		
5585		HIP 73473	225.24311	-8.518947	4.93	A0V	5586	132742	δ Librae	Libra	304.10466	0	4.91	5.9
5586		HIP 73493	225.30457	-38.05839	5.869	K2/3III	5585	132604	388 G. Cer	Centaurus	386.71439	1.246		
5587		HIP 73497	225.33260	-2.754922	5.52	K4/5III	5590	132833		Libra	564.01281	1.692		
5588		HIP 73507	225.36287	60.204462	5.92	A4V	5608	133388		Draco	326.65212	0.107		
5589	Alkalurops	HIP 75411	225.40817	37.377155	4.31	F0V	5733	137391	μ 1 Boötis	Bootes	120.91997	0.309		
5590		HIP 73536	225.45383	-0.140297	5.93	~	5594	132933A	* 2 Ser A	Serpens	1021.9451	1.509		
5591		HIP 73536	225.45383	-0.140297	5.71	M0.5IIb	5594	132933	2 Ser	Virgo	1021.9451	1.509		
5592		HIP 73540	225.46165	-83.22764	5.641	G8/K0III	5525	130650	π 1 Octan	Octans	388.55954	0.962		
5593	Nekkar	HIP 73555	225.48650	40.390568	3.52	G8IIIaFe-0	5602	133208	β Boötis	Bootes	218.64535	0.956		
5594		HIP 73559	225.49200	-34.35887	6.208	A8/9III/IV	5587	132763	389 G. Cer	Centaurus	392.77147	0.242		
5595		HIP 73566	225.52680	-28.06061	5.824	A4IV	5591	132851	60 Hya	Hydra	324.70134	0.164		
5596		HIP 73568	225.52712	25.008138	4.81	K4III	5600	133124	ω Boötis	Bootes	359.42818	1.506		
5597		HIP 73571	225.53573	-7.575300	6.373	A5V		132953		Libra	580.07158	0.18		
5598		HIP 73620	225.72515	2.0913043	4.4	K0+IIIbFe-	5601	133165	110 Vir	Virgo	183.35226	1.026		
5599		HIP 73624	225.74698	-32.64329	5.437	B3V	5595	132955		Lupus	349.78510	-0.127		
5600		HIP 73634	225.77522	35.205794	5.513	G8III:	5609	133392		Bootes	275.10564	1.023		
5601		HIP 73695	225.94675	47.653977	5.136	F5V	5618	133640A		Bootes	41.586864	0.647	5.8	6.4
5602		HIP 73695	225.94797	47.654480	6.004	G9:	5618	133640B	44 Boo	Bootes	41.586864	0.647	5.8	6.4
5603		HIP 73706	225.99069	65.919714	6.23	A2Vs	5629	133994		UrsaMino	463.72865	0.055		
5604	Brachium	HIP 73714	226.01756	-25.28196	3.21	M2.5III	5603	133216	σ Librae	Libra	291.85325	1.674	3.2	3.46
5605		HIP 73745	226.11142	26.947648	4.55	K2III	5616	133582	ψ Boötis	Bootes	250.00004	1.24		
5606		HIP 73764	226.17875	-40.86134	6.4	M6III	5604	133220	GM Lup	Lupus	640.47288	1.389	6.38	6.7
5607		HIP 73771	226.19551	-83.03831	5.645	G8Ib	5545	131246	π 2 Octan	Octans	1734.0435	1.273		
5608		HIP 73776	226.20078	-64.03135	5.168	G8III	5593	132905	η Circini	Circinus	267.21317	0.935		
5609		HIP 73807	226.27953	-47.05126	4.58	B5V	5605	133242	* pi. Lup A	Lupus	496.95133	-0.144		
5610		HIP 73807	226.28014	-47.05106	3.89	B5	5605	133242	π Lupi	Lupus	496.95133	-0.144		

5611	HIP 73807	226.2801	-47.05108	4.62	B5IV	5606	133243	* pi. Lup E	Lupus	496.9513	-0.144		
5612	HIP 73826	226.3298	-41.06723	5.127	G8III	5607	133340		Lupus	367.1185	1.011		
5613	HIP 73841	226.3576	48.15097	5.577	A0Vs	5627	133962	47 Boo	Bootes	259.7611	-0.005		
5614	HIP 73850	226.3912	-30.55086	6.48	F5.5V		133469		Lupus	103.8215	0.489		
5615	HIP 73881	226.5100	-48.88339	6.467	B2/3V		133399		Lupus	1706.806	-0.137		
5616	HIP 73901	226.5580	-36.26460	6.269	K5III	5615	133550		Lupus	1364.017	1.658		
5617	HIP 73909	226.5696	54.55631	5.25	G8IIIFe-1	5635	134190		Bootes	260.1758	0.958		
5618	HIP 73927	226.6130	-22.03182	6.14	K0III	5620	133670		Libra	195.3265	1.04		
5619	HIP 73937	226.6383	-30.91848	5.977	ApSi	5619	133652		Lupus	312.2605	-0.076	5.96	6.03
5620	HIP 73941	226.6464	36.45606	6.351	F8V	5630	134044		Bootes	96.13679	0.537		
5621	HIP 73945	226.6566	-16.25681	5.2	K5-III	5622	133774	v Librae	Libra	765.2592	1.589		
5622	HIP 73953	226.7044	-16.48436	6.404	A6VkA0.5mA0.5_lB		133800	22 Lib	Libra	413.1823	0.162		
5623	HIP 73966	226.7332	-52.02977	6.39	B2IVpHe		133518		Lupus	1015.575	-0.109		
5624	HIP 73980	226.7841	-71.90495	6.5	K4III	5598	133049		Apus	1895.348	1.592		
5625	HIP 73996	226.8252	24.86919	4.93	F5V	5634	134083	45 Boo	Bootes	64.29994	0.429		
5626	HIP 74000	226.8348	18.44182	6.029	A1Vnn	5633	134064		Bootes	244.1949	0.073		
5627	HIP 74006	226.8581	-49.08860	5.766	G8III	5617	133631		Lupus	348.6636	0.92		
5628	HIP 74026	226.9180	5.498058	6.17	G7IIIa:Fe-(	5631	134047	271 G. Vir	Virgo	533.5513	0.921		
5629	HIP 74044	226.9839	-61.12869	6.5	F2III		133557		Circinus	406.4830	0.432		
5630	HIP 74047	226.9865	-65.27545	6.166	K3III	5611	133456		Triangulu	793.1876	1.47		
5631	HIP 74066	227.0505	-40.58393	5.79	B8IVSi	5624	133880		Lupus	412.6574	-0.113	5.76	5.81
5632	HIP 74083	227.0814	50.05495	6.327	K0III	5648	134493		Bootes	422.8286	1.05		
5633	HIP 74087	227.0990	26.30115	5.669	K2III	5638	134320	46 Boo	Bootes	419.5621	1.24		
5634	HIP 74096	227.1481	25.10863	5.804	K1III	5640	134335		Bootes	510.1738	1.233		
5635	HIP 74100	227.1633	-42.86792	5.82	B5/7V	5625	133937		Lupus	444.1425	-0.123		
5636	HIP 74117	227.2108	-45.27986	4.05	B3V	5626	133955	λ Lupi	Lupus	406.4830	-0.162		
5637	HIP 74121	227.2229	13.23523	6.142	G6V:	5639	134323		Bootes	582.1416	0.967		
5638	HIP 74181	227.3563	-63.64293	6.247	ApSrCrEu	5623	133792		Circinus	555.3672	0.059		
5639	HIP 74184	227.3746	-67.08413	5.757	F5Ib	5621	133683		Triangulu	6037.033	0.675		
5640	HIP 74224	227.5305	-38.79250	5.978	G6III	5636	134255		Lupus	467.0473	0.867		

5641	HIP 74239	227.5776	-26.33262	5.756	K0III	5641	134373		Libra	449.6552	1.045		
5642	HIP 74272	227.6851	67.78105	6.18	A8Vn	5672	135384		UrsaMino	503.8657	0.143		
5643	HIP 74273	227.6864	-61.42232	6.285	G0VFe+0.	5632	134060		Circinus	78.72512	0.623		
5644	HIP 74296	227.7866	-84.78778	5.866	B9.5V	5557	131596	ω Octanti	Octans	318.3596	-0.031		
5645	HIP 74305	227.8165	-55.34602	5.43	G1/3Ib/II	5637	134270		Lupus	2024.845	1.118		
5646	HIP 74336	227.8950	-45.27746	6.41	K1III	5642	134444		Lupus	389.0224	1.039		
5647	HIP 74376	227.9836	-48.73782	3.7	B9.5Vne	5646	134481	κ 1 Lupi	Lupus	182.2246	-0.029		
5648	HIP 74380	227.9903	-48.74368	5.498	A3/5V	5647	134482	κ 2 Lupi	Lupus	193.0135	0.144		
5649	HIP 74386	228.0177	18.97603	5.89	M4SIII	5654	134943	FL Ser	Serpens	829.5170	1.414	5.79	6.02
5650	HIP 74391	228.0500	-19.10648	6.49	K4III		134758		Libra	555.3672	1.507		
5651	HIP 74392	228.0553	-19.79171	4.54	B9IVpSi	5652	134759	ι 1 Librae	Libra	376.4421	-0.071		
5652	HIP 74395	228.0712	-52.09924	3.41	G8III	5649	134505	ζ Lupi	Lupus	116.1796	0.918		
5653	HIP 74418	228.1300	-48.21899	6.332	K2III	5650	134597		Lupus	471.0995	1.115		
5654	HIP 74421	228.1415	-72.77060	6.019	B8/9III	5628	133981		Apus	848.9597	-0.002		
5655	HIP 74441	228.1965	10.70230	6.5	K2		135061		Serpens	669.4053	1.274		
5656	HIP 74449	228.2066	-44.50041	4.806	B3IV/V	5651	134687		Lupus	454.0399	-0.177		
5657	HIP 74470	228.2542	-61.74377	6.269	K4Ib	5645	134468		Circinus	7581.393	1.901		
5658	HIP 74479	228.2819	-36.09141	6.079	B8V	5653	134837		Lupus	362.2220	-0.081		
5659	HIP 74490	228.3225	-24.00831	6.47	B8III	5655	134946		Libra	412.1358	-0.026		
5660	HIP 74493	228.3299	-19.64757	6.066	A2V	5656	134967	ι 2 Librae	Libra	218.9390	0.124		
5661	HIP 74500	228.3694	-25.30934	6.46	G6IV-V	5657	134987	23 Lib	Libra	72.40675	0.7		
5662	HIP 74505	228.3827	22.98339	6.298	A2V	5665	135263		Serpens	281.5200	0.064		
5663	HIP 74514	228.3982	38.26469	6.187	K2III:	5673	135402		Bootes	438.7635	1.218		
5664	HIP 74539	228.4721	-26.19357	5.857	G8/K0II	5658	135051		Libra	918.3097	1.139		
5665	HIP 74561	228.5251	31.78784	5.974	K5	5674	135438		Bootes	585.2778	1.552		
5666	HIP 74571	228.5429	42.17140	6.13	M2III	5677	135530		Bootes	1003.076	1.635		
5667	HIP 74582	228.5798	-70.07947	5.81	C5,5	5644	134453	X TrA	Triangulu	1495.414	3.271	5.02	6.4
5668	HIP 74596	228.6214	29.16429	5.272	A1Va+	5676	135502	χ Boötis	Bootes	226.3888	0.062		
5669	HIP 74600	228.6406	-17.76857	6.172	B9III	5662	135230	26 Lib	Libra	1283.465	-0.015		
5670	HIP 74604	228.6554	-31.51912	4.918	F3III	5660	135153	1 Lup	Lupus	1139.859	0.374		

5671		HIP 74623	228.7108	-5.502551	6.29	K3III	5669	135367		Libra	910.6161	1.473	
5672		HIP 74649	228.7973	4.939355	5.337	K0III	5675	135482	3 Ser	Serpens	467.0473	1.092	
5673		HIP 74666	228.8756	33.31483	3.49	G8IIIFe-1	5681	135722	δ Boötis	Bootes	116.6787	0.961	
5674		HIP 74689	228.9544	0.372137	5.623	A5V	5679	135559	4 Ser	Serpens	161.3863	0.181	
5675		HIP 74690	228.9612	50.93846	6.48	G5		135944		Bootes	197.3366	0.854	
5676		HIP 74695	228.9731	6.464838	6.46	K0		135615	4 G. Ser C	Serpens	1211.895	1.308	
5677		HIP 74696	228.9736	-48.07368	5.958	A2IIIs	5663	135235		Lupus	168.7370	0.21	
5678		HIP 74707	229.0167	-41.49116	5.171	A/F	5667	135345		Lupus	1283.465	0.564	
5679		HIP 74716	229.0435	-43.48499	6.034	B2/3IV	5668	135348		Lupus	893.1523	-0.128	
5680		HIP 74732	229.0958	-22.39941	5.506	K2III	5678	135534		Libra	499.9994	1.357	
5681		HIP 74750	229.1528	-60.904	5.81	B1/2Vn	5661	135160		Circinus	1917.646	-0.057	
5682		HIP 74769	229.2157	-47.86455	6.45	G8III		135430		Lupus	564.9908	0.927	
5683		HIP 74775	229.2290	-46.20235	6.45	F6V		135468		Lupus	173.8666	0.514	
5684		HIP 74778	229.2370	-60.95725	5.09	O8V	5664	135240	δ Circini	Circinus	6392.145	-0.077	5.08 5.18
5685	Zubenescl	HIP 74785	229.2517	-9.382914	2.62	B8Vn	5685	135742	β Librae	Libra	159.9607	-0.071	
5686		HIP 74793	229.2745	71.82390	5.015	K4III	5714	136726	11 UMi	UrsaMino	389.6591	1.369	
5687		HIP 74824	229.3785	-58.80120	4.057	A3Va	5670	135379	β Circini	Circinus	96.59254	0.088	
5688		HIP 74837	229.4120	-63.61046	4.849	K2III	5666	135291	ϵ Circini	Circinus	372.9963	1.26	
5689		HIP 74857	229.4576	-30.14866	4.33	K0IIIaCH-1	5686	135758	2 Lup	Lupus	307.8376	1.1	
5690		HIP 74875	229.5393	-41.06116	6.277	A2mA2-A	5682	135730		Lupus	261.8475	0.176	
5691		HIP 74896	229.6021	20.57276	5.686	G8IIIa	5692	136138		Serpens	290.2939	0.972	
5692		HIP 74901	229.6088	-0.461234	5.89	K2/3III	5690	136028	6 G. Ser C	Serpens	978.9783	1.507	
5693		HIP 74911	229.6331	-47.87508	5.01	B7V	5683	135734	* mu.02 L	Lupus	290.5528	-0.086	
5694		HIP 74911	229.6334	-47.87529	4.945	B7V	5683	135734	* mu.01 L	Lupus	290.5528	-0.086	
5695			229.6384	2.08103	5.95	Globular Cluster			M 5	Serpens			
5696		HIP 74929	229.6720	-31.20934	6.194	G6/8III	5688	135896		Lupus	996.9409	1.205	
5697		HIP 74941	229.7047	-60.49633	5.46	O8IV((f))	5680	135591		Circinus	163000.0	-0.089	
5698		HIP 74946	229.7274	-68.67954	2.89	A1V	5671	135382	γ Triangul	Triangulu	182.6330	0.014	
5699		HIP 74950	229.7348	-40.78822	5.604	B7V	5687	135876	GG Lup	Lupus	514.1967	-0.099	5.49 6
5700		HIP 75000	229.8751	32.51490	6.311	A2m	5702	136403		CoronaBo	278.1570	0.234	

5701		HIP 75003	229.8821	-37.09716	6.178	G8III/IV	5689	136014		Lupus	385.3419	0.959		
5702		HIP 75018	229.9404	-66.49603	6.39	F7Ib/II		135592	R TrA	Triangulu	7581.393	0.574	6.33	7
5703		HIP 75043	230.0214	51.95851	5.64	A2.5IVp	5715	136729		Bootes	212.7939	0.122		
5704		HIP 75049	230.0356	29.61620	5.51	K0III	5709	136512	o Coronae	CoronaBo	273.9496	1.015		
5705		HIP 75091	230.1689	-67.48152	6.318	B2V	5684	135737		Triangulu	1253.845	-0.09		
5706			230.1690	-67.48151	6.44	~	5684	135737A		Triangulu	1253.845	-0.09		
5707		HIP 75093	230.1736	44.43437	6.14	F3V	5716	136751		Bootes	175.2687	0.369		
5708	Pherkad	HIP 75097	230.1820	71.83402	3.002	A2III	5735	137422	γ Ursae M	UrsaMino	480.1166	0.058	3.04	3.09
5709		HIP 75101	230.1959	-2.413335	6.331	K2III	5706	136442	10 G. Ser	Serpens	120.3840	1.062		
5710		HIP 75110	230.2236	-18.15866	6.17	G8II/III	5701	136366	28 Lib	Libra	630.5624	1.024		
5711		HIP 75118	230.2557	-15.54835	6.143	F2V	5703	136407	o Librae	Libra	178.0449	0.393		
5712		HIP 75119	230.2583	0.715336	5.393	K1III	5710	136514	6 Ser	Serpens	243.6472	1.191		
5713		HIP 75125	230.2786	24.95801	6.361	K0	5711	136643		Serpens	555.3672	1.257		
5714		HIP 75127	230.2817	-5.824852	5.537	K1III	5707	136479		Libra	268.5338	1.047		
5715		HIP 75141	230.3429	-40.64753	3.19	B1.5IV	5695	136298	δ Lupi	Lupus	510.1738	-0.227	3.2	3.24
5716		HIP 75143	230.3498	31.36738	5.8	M6.5-8e		136753		CoronaBo	1715.790	0.967	5.8	14.1
5717		HIP 75164	230.3970	-40.74948	6.183	A1V	5696	136334		Lupus	318.6706	0.068		
5718		HIP 75181	230.4506	-48.31763	5.65	G2-V	5699	136352	v 2 Lupi	Lupus	47.45259	0.639		
5719		HIP 75177	230.4515	-36.26137	3.546	K4III	5705	136422	ϕ 1 Lupi	Lupus	326.3261	1.534		
5720		HIP 75178	230.4523	32.93369	5.372	B9Vn	5718	136849	50 Boo	Bootes	246.9698	-0.051		
5721		HIP 75206	230.5344	-47.92779	5	F6III-IV	5698	136351	v 1 Lupi	Lupus	111.3769	0.515		
5722		HIP 75230	230.5968	12.56752	6.28	A0V	5717	136831	7 Ser	Serpens	444.7489	-0.008		
5723		HIP 75256	230.6552	62.04706	5.986	A0p(SiHg)	5731	137389		Draco	461.1043	-0.033		
5724		HIP 75257	230.6557	39.58146	5.532	K4III	5726	137071		Bootes	2650.407	1.626		
5725		HIP 75260	230.6600	63.34146	5.712	K4III	5737	137443		Draco	379.5097	1.315		
5726		HIP 75264	230.6702	-44.68961	3.366	B3IV+B3:\	5708	136504	ϵ Lupi	Lupus	503.8657	-0.191		
5727		HIP 75294	230.7574	-15.13403	6.48	K4III		136801	30 Lib	Libra	779.9031	1.603		
5728		HIP 75304	230.7889	-36.85848	4.54	B4V	5712	136664	ϕ 2 Lupi	Lupus	605.9494	-0.155		
5729		HIP 75308	230.7937	-60.65717	5.651	F5V	5700	136359		Circinus	135.8335	0.489		
5730		HIP 75312	230.8009	30.28821	5.577	G2V	5727	137107A	* eta CrB	CoronaBo	60.70775	0.577		

5731		HIP 75312	230.80112	30.28846(	5.95	G2V	5727		* eta CrB	CoronaBo	60.70775	0.577			
5732		HIP 75312	230.80127	30.28782	4.98	G2V+G2V	5727	137107	η 1 Coron	CoronaBo	60.70775	0.577			
5733		HIP 75323	230.8444(	-59.32070	4.96	B3/4V	5704	136415	* gam Cir	Circinus	509.3751	0.169			
5734		HIP 75323	230.8445	-59.32048	5.59	F8V	5704		* gam Cir	Circinus	509.3751	0.169			
5735		HIP 75324	230.8540	-46.14041	6.49	G8III		136607		Lupus	494.6888	0.945			
5736		HIP 75342	230.9321	-1.022386	6.105	A5II/III	5721	137006	8 Ser	Serpens	179.1211(	0.264			
5737		HIP 75352	230.9676(	-12.36950	5.716	G8III	5720	136956		Libra	602.5884	1.039			
5738		HIP 75369	231.0213	45.27103	6.055	K2III	5732	137390		Bootes	482.2487	1.212			
5739		HIP 75379	231.0495	-10.32227	4.92	F4V	5723	137052	ϵ Librae	Libra	105.5018(	0.453			
5740		HIP 75439	231.1875	-39.71025	5.37	ApSi	5719	136933	υ Lupi	Lupus	384.4356	-0.093			
5741	Edasich	HIP 75458	231.2323	58.96606	3.29	K2III	5744	137759	ι Draconis	Draco	102.1848	1.16			
5742		HIP 75501	231.3342	-38.73360	4.6	A0V	5724	137058		Lupus	373.8536	0			
5743		HIP 7553(	231.4474	15.42803(	5.17	M1III	5739	137471	τ 1 Serper	Serpens	918.3097	1.65			
5744		HIP 75535	231.4719	19.48070	6.241	G0IV-V	5740	137510		Serpens	134.5530	0.618			
5745		HIP 75565	231.5613	-68.30916	5.892	G8/K0III	5713	136672		Triangulu	334.3587	1			
5746		HIP 75572	231.5724	34.33599	5.45	K4III	5741	137704		Bootes	489.4891	1.41			
5747		HIP 75587	231.6341	54.02029	6.43	A2IV	5748	137928		Draco	362.6262	0.079			
5748		HIP 75647	231.8255	-36.76755	5.45	B5V	5736	137432		Lupus	418.4863(	-0.15			
5749		HIP 75665	231.8878	-64.53149	5.706	K5/M0III	5725	137066	LX TrA	Triangulu	679.1658	1.646			
5750		HIP 75674	231.9119	25.10161	6.02	M1III	5745	137853		Serpens	785.5429	1.654			
5751	Nusakan	HIP 75695	231.9573(	29.10569	3.68	F2VpSrCrE	5747	137909	β Coronae	CoronaBo	113.9859	0.319	3.65	3.72	
5752		HIP 75696	231.9642(	60.67022	5.9	K5III	5755	138265		Draco	594.8915	1.441			
5753		HIP 7573(	232.0642(	-16.71648	5.626	K4.5III	5743	137744	ζ 1 Librae	Libra	908.0798(	1.545			
5754		HIP 75736	232.0795	-88.13300	6.484	A2mA7-F2	5491	129723	BP Oct	Octans	209.7814(	0.303	6.46	6.5	
5755		HIP 75742	232.1133	-51.59793	6.094	G2II	5738	137465		Lupus	1495.414	1.067			
5756		HIP 75761	232.1593	1.842079(	5.17	A6III	5746	137898	10 Ser	Serpens	122.1890	0.245			
5757		HIP 7577(	232.1849(	47.20151(	6.138	A2IV	5752	138213		Bootes	478.7083(	0.1			
5758		HIP 75788	232.2367	55.19493	6.427	A3m	5759	138338		Draco	299.3574	0.079			
5759		HIP 7581(	232.3004	16.39561	6.382	G8III-IV		138085		Serpens	499.2333	0.955			
5760		HIP 75818	232.3302	-38.63503	6.43	F2V		137785		Lupus	205.2897	0.351			

5761	HIP 75822	232.33788	62.09952	6.29	K5	5768	138524		Draco	680.58393	1.369		
5762	HIP 75828	232.35117	-46.73270	5.222	K4III	5742	137709		Lupus	885.86947	1.731		
5763		232.58879	-41.91898	6.329	~		137919A		Lupus	503.08665	-0.005		
5764	HIP 75919	232.59486	31.28592	6.452	A4IV	5760	138341		CoronaBo	459.80361	0.205		
5765	HIP 75939	232.65104	-20.72855	6.194	A3V	5749	138105		Libra	234.02735	0.192		
5766	HIP 75944	232.66833	-16.60946	5.806	K0III	5750	138137	ζ 3 Librae	Libra	564.01281	1.056		
5767	HIP 75959	232.70497	-71.65413	6.38	B3V		137366		Apus	1051.6144	-0.112		
5768	HIP 75973	232.73233	40.83304	5.026	K4.5IIIbBa	5763	138481	ν 1 Boötis	Bootes	871.65912	1.589		
5769	HIP 75974	232.73234	64.20869	5.738	K0III-IV	5785	138852		Draco	318.35965	0.976		
5770	HIP 76006	232.84294	36.61659	6.39	F8IV	5769	138525		CoronaBo	225.29380	0.529		
5771	HIP 76008	232.85380	77.34935	4.982	K5-IIICN0.	5826	139669	θ Ursae M	UrsaMino	831.63282	1.545		
5772	HIP 76013	232.87842	-73.38959	5.49	B2Vnpe	5730	137387	κ 1 Apodi	Apus	1018.7503	-0.146	5.43	5.61
5773	HIP 76033	232.93086	-20.16492	6.22	A5V	5756	138268		Libra	238.82802	0.22		
5774	HIP 76041	232.94576	40.89933	4.978	A2V	5774	138629	ν 2 Boötis	Bootes	429.51168	0.086		
5775	HIP 76048	232.95928	-32.88111	6.488	B7V	5753	138221		Lupus	453.40749	0.065		
5776	HIP 76063	233.01744	-38.62254	6.219	A3III	5751	138204		Lupus	174.89288	0.212		
5777	HIP 76069	233.04031	16.05616	6.216	B9V	5770	138527	τ 2 Serper	Serpens	431.21666	-0.038		
5778	HIP 76106	233.15292	-19.67045	5.52	A2IV	5762	138413		Libra	226.54629	0.197		
5779	HIP 76126	233.23008	-16.85284	5.499	B3V	5764	138485	ζ 4 Librae	Libra	768.86803	-0.148		
5780	HIP 76127	233.23235	31.35897	6.29	~	5778	138749	* tet CrB B	CoronaBo	310.77233	-0.127	4.06	4.33
5781	HIP 76127	233.23242	31.35913	4.13	B6Vnne	5778	138749	θ Coronae	CoronaBo	310.77233	-0.127	4.06	4.33
5782	HIP 76127	233.23242	31.35914	4.3	~	5778	138749	* tet CrB A	CoronaBo	310.77233	-0.127	4.06	4.33
5783	HIP 76133	233.24140	-1.186401	5.496	K0III	5772	138562	A1 Ser	Serpens	270.31507	1.092		
5784	HIP 76165	233.35135	-40.49085	6.4	K0III		138395		Lupus	610.48739	1.016		
5785	HIP 76198	233.46960	17.13735	6.49	F1IV-V	5783	138803		Serpens	204.77405	0.341		
5786	HIP 76207	233.50711	-40.06643	5.82	M2III	5767	138505		Lupus	1654.8222	1.695		
5787	HIP 76219	233.54459	-10.06453	4.62	K1III-IV	5777	138716	37 Lib	Libra	94.383243	1		
5788	HIP 76234	233.58688	-39.34920	6.349	B9V	5773	138564		Lupus	364.24646	-0.017		
5789	HIP 76243	233.61047	-9.183438	5.17	B5V	5780	138764		Libra	350.53816	-0.09		
5790	HIP 76259	233.65549	-28.04702	5.138	K2/3III	5775	138688	36 Lib	Libra	368.77786	1.306		

5791	Alphecca	HIP 76267	233.6719	26.71468	2.24	A1IV	5793	139006	α Coronae	CoronaBo	74.68500	0.032	2.21	2.32
5792		HIP 7627	233.7006	10.53885	4.14	F0IV	5789	138918	* del Ser A	Serpens	230.0000	0.25	4.23	4.27
5793		HIP 7627	233.7007	10.53775	5.13	F0IV	5788	138917	* del Ser B	Serpens	230.0000	0.25	4.23	4.27
5794		HIP 76297	233.7849	-41.16676	3.51	~	5776	138690B	* gam Lup	Lupus	566.9565	-0.216		
5795		HIP 76297	233.7851	-41.16679	3.48	~	5776	138690	* gam Lup	Lupus	566.9565	-0.216		
5796		HIP 76297	233.7852	-41.16675	2.765	B2IV	5776	138690	γ Lupi	Lupus	566.9565	-0.216		
5797		HIP 76307	233.8121	39.01006	5.11	M1.5IIIb	5800	139153	μ Coronae	CoronaBo	570.9272	1.65		
5798		HIP 76311	233.8174	53.92214	5.964	K4III:	5811	139357		Draco	395.8235	1.196		
5799	Zubenelha	HIP 76333	233.8815	-14.78953	3.91	G8.5III	5787	138905	γ Librae	Libra	152.1941	1.007		
5800		HIP 76337	233.8884	17.65555	6.113	G8III:	5795	139074	τ 3 Serper	Serpens	414.2320	0.975		
5801		HIP 7636	233.9549	38.37392	6.28	K2	5808	139284		CoronaBo	683.4396	1.306		
5802		HIP 76371	233.9718	-44.95838	4.708	~	5781	138769	* d Lup A	Lupus	434.0887	-0.175		
5803		HIP 76372	233.9723	11.26566	6.04	K0III:	5796	139087		Serpens	705.6272	1.125		
5804		HIP 7637	233.9876	54.63050	5.79	A0Vn	5818	139493		Draco	246.2236	0.051		
5805		HIP 76395	234.0473	-33.09280	6.251	B8V	5790	138923		Lupus	366.7045	-0.07		
5806		HIP 76397	234.0504	-44.39682	5.434	K4/5III	5784	138816		Lupus	658.5854	1.497		
5807		HIP 76423	234.1174	15.10145	6.25	M5IIIa		139216		Serpens	519.9376	1.2	5.89	7.07
5808		HIP 76424	234.1218	16.11908	5.926	F3V	5804	139225	τ 5 Serper	Serpens	159.8039	0.354		
5809		HIP 76425	234.1232	10.01014	5.253	K0III:CN1E	5802	139195	16 Ser	Serpens	234.7011	0.925		
5810		HIP 7644(	234.1800	-66.31703	4.104	K1/2III	5771	138538	ϵ Trianguli	Triangulu	216.0373	1.161		
5811		HIP 7645(	234.2226	29.99118	6.46	F5V:	5813	139389		CoronaBo	117.3929	0.433		
5812		HIP 7647(	234.2560	-28.13511	3.589	K3.5III	5794	139063	υ Librae	Libra	194.5109	1.361		
5813		HIP 76503	234.3687	-26.27986	6.194	B9IV	5801	139160		Libra	600.3683	-0.013		
5814		HIP 7650	234.3833	54.50873	5.845	K1III:	5828	139778		Draco	355.1184	1.098		
5815		HIP 7651	234.4130	69.28334	5.627	M0III	5844	140227		UrsaMino	881.0805	1.371		
5816		HIP 76532	234.4501	-23.14170	5.79	K0III	5806	139254		Libra	272.3476	1.074		
5817		HIP 7653	234.4566	40.35343	5.254	G7III-IVFe	5823	139641	ϕ Boötis	Bootes	163.0000	0.886		
5818		HIP 76552	234.5133	-42.56733	4.33	K3III	5797	139127	ω Lupi	Lupus	229.7394	1.412		
5819		HIP 76567	234.5658	-28.20665	6.319	K1III	5809	139290		Libra	562.0698	1.176		
5820		HIP 7656	234.5676	46.79777	5.742	F2V	5830	139798		Bootes	116.5117	0.353		

5821	HIP 76569	234.5678(	-21.01631	5.816	K0III	5810	139329		Libra	291.8532	1.077	
5822	HIP 76594	234.6425	50.42323(	5.84	G8III	5835	139906		Bootes	374.2840(	0.847	
5823	HIP 7660(	234.6640	-29.77774	3.642	B2.5V	5812	139365	τ Librae	Libra	444.7489	-0.177	
5824	HIP 76602	234.6664	-8.794720	6.5	F7V	5815	139460		Libra	73.73895	0.52	
5825	HIP 76603	234.6669	-8.791446	6.38	F6.5V	5816	139461		Libra	81.11471	0.505	
5826	HIP 76608	234.6757	-39.12774	6.041	A3/5mA3·	5807	139271		Lupus	625.7213	0.204	
5827	HIP 76617	234.7035	34.675038	6.13	K0	5827	139761		CoronaBo	459.8036	1.039	
5828	HIP 76618	234.7061	-52.37269	5.423	A0V	5798	139129		Norma	457.2216	0.005	
5829	HIP 76628	234.7273	-19.30189	5.359	G8III/IV	5814	139446	41 Lib	Libra	339.5845	0.883	
5830	HIP 76651	234.7896(	57.92442(	6.44	K1III	5841	140117		Draco	442.9363(	1.102	
5831	HIP 76664	234.8266	-77.91800	6.181	K2.5IIIbCN	5757	138289		Apus	339.2292(	1.207	
5832	HIP 76666	234.8390	-23.15022	6.322	B9.5V	5819	139518		Libra	305.5296(	0.023	
5833		234.8426	36.636825	5.93	B9V	5833	139891	* 7 CrB B	CoronaBorealis			
5834	HIP 76669	234.8444	36.635811	4.979	B7V	5833	139891	ζ 1 Corona	CoronaBo	473.1500(	-0.103	
5835	HIP 76705	234.9415	-34.41192	4.661	G8/K0III	5820	139521	ψ 1 Lupi	Lupus	244.7449	0.964	
5836	HIP 76716	234.9855	-59.90833	5.95	F6IV	5803	139211		Norma	100.8041	0.505	
5837	HIP 76733	235.0431	12.05293	6.215	G7.5IIIaFe	5831	139862		Serpens	1058.440	0.968	
5838	HIP 76736	235.0481	-70.22788	6.424	A1V	5792	138965		Triangulu	251.9322	0.077	
5839	HIP 76739	235.0646	-31.21377	6.34	K3III	5822	139613		Lupus	635.4785(	1.418	
5840	HIP 76742	235.0704(	-23.81808	4.96	K3-IIICN2	5824	139663	42 Lib	Libra	381.2864	1.302	
5841	HIP 7675(	235.0889	-73.44666	5.65	B7III/IV	5782	138800	κ 2 Apodis	Apus	734.2337	-0.04	
5842	HIP 76809	235.2426	-47.73609	6.209	K5/M0III	5821	139599		Lupus	883.4701	1.621	
5843	HIP 7681(	235.2462	16.024589	5.991	G8III	5840	140027	τ 6 Serper	Serpens	450.2778	0.908	
5844	HIP 76829	235.2974(	-44.66120	4.633	F4V	5825	139664		Lupus	57.10284	0.413	
5845	HIP 76852	235.3877	19.670399	4.505	A1V	5842	140159	ι Serpenti	Serpens	192.1037	0.062	
5846	HIP 76866	235.4475(	12.847526	5.33	A2VpMnE	5843	140160	χ Serpent	Serpens	228.2913	0.033	5.33 5.36
5847	HIP 76877	235.4778(	-76.08196	5.941	B9V	5786	138867		Apus	376.8789(	-0.034	
5848	HIP 76878	235.4779	18.464036	5.792	A8Vam	5845	140232	τ 7 Serper	Serpens	173.5888	0.207	
5849	HIP 7688(	235.4866	-19.67879	4.72	M0-IIIb	5838	139997	κ Librae	Libra	399.5098	1.574	
5850	HIP 76894	235.5073(	-64.18028	6.47	K2/3II		139471		Triangulu	10187.50	1.524	

5851		HIP 76935	235.6551(	-49.48953	6.01	K2III	5832	139871		Norma	516.6417	1.315		
5852		HIP 76939	235.6596	-37.42493	5.24	G8/K0III	5837	139980		Lupus	270.7643(	0.987		
5853		HIP 76945	235.6709	-34.71040	4.721	B5V	5839	140008	ψ 2 Lupi	Lupus	395.6304	-0.151		
5854		HIP 76952	235.6857(	26.29563	4.05	~	5849	140436A	* gam CrB	CoronaBo	145.0179(	0.02	3.8	3.86
5855		HIP 76952	235.6858	26.29555	5.56	~	5849	140436B	* gam CrB	CoronaBo	145.0179(	0.02	3.8	3.86
5856		HIP 76957	235.7115(	52.36090	5.482	A0VpSiCr	5857	140728	BP Boo	Bootes	316.5050	-0.042		
5857		HIP 76985	235.7939	13.66765	6.5	G5III	5850	140438		Serpens	629.3432	0.873		
5858		HIP 76996	235.8205	-84.46527	5.568	A1/2V	5729	137333	ρ Octantis	Octans	217.0440	0.118		
5859		HIP 77007	235.8535	-15.04323	6.295	K0III	5847	140301		Libra	410.5808(	1.124		
5860		HIP 77042	235.9803	-60.28721	6.475	G0Ib	5836	139915		Norma	1347.107	1.02		
5861		HIP 77048	235.9970	32.51580	5.575	G9III:	5855	140716	π Corona	CoronaBo	248.6654(	1.076		
5862		HIP 77055	236.0146(	77.79449	4.274	A3Vn	5903	142105	ζ Ursae M	UrsaMino	375.5749	0.038		
5863		HIP 77058	236.0160	-54.98681	6.2	M4+B		140041	T Nor	Norma	5174.599	1.386	6.2	13.6
5864		HIP 77060	236.0183	-15.67283	5.412	A5/7IV	5848	140417	η Librae	Libra	146.7809	0.238		
5865	Unukalhai	HIP 77070	236.0669	6.425630	2.63	K2IIIbCN1	5854	140573	α Serpent	Serpens	73.19258	1.167		
5866			236.0944	-41.81908	6.11	~	5846	140285A		Lupus	461.1043(	-0.007		
5867		HIP 77086	236.0944	-41.81908	5.93	A0V+B	5846	140285		Lupus	461.1043(	-0.007		
5868		HIP 77111	236.1755	17.26422	6.136	A0V	5858	140729	τ 8 Serper	Serpens	320.8662	0.002		
5869		HIP 77163	236.3478	5.447319	5.58	A0V	5859	140775	22 G. Ser (	Serpens	383.9825	0.035		
5870		HIP 77186	236.4146	0.891033	6.337	K1/2III	5861	140815	23 G. Ser (	Serpens	618.5950	1.195		
5871		HIP 77227	236.5234	-1.804190	5.39	B8IV/V	5863	140873	A2 Ser	Serpens	408.0087	-0.035		
5872	Zhou	HIP 77233	236.5468	15.42181	3.67	A2IV	5867	141003	β Serpent	Serpens	152.9798(	0.073		
5873		HIP 77257	236.6108	7.353068	4.42	G0-V	5868	141004	λ Serpent	Serpens	38.31676	0.604		
5874		HIP 77272	236.6448	55.47478	5.917	K3III	5878	141472		Draco	1041.534	1.404		
5875		HIP 77277	236.6666	62.59955	5.194	A2IV	5886	141653		Draco	271.6666	0.062		
5876		HIP 77286	236.6842	-34.68245	5.6	B8V	5860	140784		Lupus	388.0966	-0.117		
5877		HIP 77287	236.6892(	-6.120356	6.245	K0III	5866	140986		Libra	936.7809	1.169		
5878		HIP 77336	236.8221	14.11541	5.709	A3V	5870	141187	υ Serpent	Serpens	251.7376	0.094		
5879		HIP 77350	236.8563	-40.19420	6.414	G5IIICH1	5862	140861		Lupus	414.2320(	0.88		
5880		HIP 77358	236.8712	-37.91631	6.01	G7IV	5864	140901		Lupus	49.69514	0.715		

5881		HIP 7737(	236.9080:	55.376625	5.878	A3m	5887	141675		Draco	259.5541:	0.249		
5882		HIP 7739(	236.9710!	-65.44228	5.53	A5	5851	140483		Triangulu	405.9777:	0.231		
5883			236.9710(	-65.44230	6.12	A5III/IV			CD-65 20(	TriangulumAustrale				
5884			236.9717:	-65.44269	6.4	A5III/IV			CD-65 20(	TriangulumAustrale				
5885		HIP 77397	237.0074(	31.735614	6.39	K5	5877	141456		CoronaBo	823.2318(	1.517		
5886		HIP 77412	237.0554:	13.78908(	5.97	K2III	5874	141353		Serpens	439.9469!	1.272		
5887		HIP 77442	237.1433!	28.156748	5.71	G0Iep	5880	141527	R CrB	CoronaBo	6037.033:	0.608	5.71	14.8
5888	Gudja	HIP 7745(	237.1849(	18.141564	4.09	M0.5IIIab	5879	141477	κ Serpent	Serpens	348.2920:	1.616		
5889		HIP 77454	237.2100:	-52.43825	6.05	K2/3III	5865	140979		Norma	772.5127:	1.385		
5890		HIP 77464	237.2366!	-3.818510	5.524	A5IV-V	5875	141378	30 Ser	Libra	160.2753(	0.12		
5891		HIP 77512	237.3985:	26.068392	4.63	G5III-IVFe	5889	141714	δ Coronae	CoronaBo	165.3984!	0.794	4.57	4.69
5892		HIP 7751(	237.4050:	-3.430204	3.53	B9.5III	5881	141513	μ Serpent	Serpens	155.6830(	-0.036		
5893		HIP 77541	237.4895:	-48.91240	5.837	A1V	5871	141194		Norma	193.8168(	0.068		
5894		HIP 77562	237.5295:	-53.20977	5.78	B9V(n)	5869	141168		Norma	362.2220(	-0.076		
5895		HIP 77574	237.5679:	-45.40171	6.117	A9III	5872	141296		Norma	146.5827(	0.299		
5896		HIP 77578	237.5731:	2.1965088	5.217	K0IV	5888	141680	ω Serpent	Serpens	262.9034(	1.019		
5897		HIP 77622	237.7040:	4.4777309	3.693	kA2hA5m	5892	141795	ϵ Serpenti	Serpens	70.2739031	0.147		
5898		HIP 77634	237.7397:	-33.62714	3.946	B9III	5883	141556	χ Lupi	Lupus	205.5486:	-0.045		
5899		HIP 77635	237.7447(	-25.75129	4.635	B1.5Vn	5885	141637	1 Sco	Scorpius	521.6002(	-0.072		
5900		HIP 77645	237.7783!	-55.05553	5.767	B2III	5873	141318	V360 Nor	Norma	3662.9373	0.017		
5901		HIP 77655	237.8080:	35.657381	4.82	K1IVa	5901	142091	κ Coronae	CoronaBo	101.4629!	0.996		
5902		HIP 7766(	237.8149(	-3.090506	5.1	A2IV-Vn	5895	141851	b Ser	Serpens	159.2575!	0.135		
5903		HIP 77661	237.8162!	20.97792(	4.78	K4.5III	5899	141992	ρ Serpent	Serpens	394.6720!	1.534		
5904		HIP 77678	237.8809(	-47.06080	6.005	K2III	5882	141544		Norma	438.7635:	1.152		
5905		HIP 77689	237.9099!	-14.13358	6.207	G8III	5896	141853		Libra	692.1439(	1.01		
5906		HIP 77729	238.0533!	-29.88653	6.382	K0III	5893	141832		Lupus	262.6915(	0.991		
5907		HIP 77738	238.0689!	55.826712	5.8	G8III:	5922	142531		Draco	358.6359!	0.972		
5908		HIP 7776(	238.1689:	42.451517	4.62	F8VFe-2H	5914	142373	χ Herculis	Hercules	51.68048(	0.563		
5909		HIP 77782	238.2338:	17.403148	6.28	K0	5909	142244		Serpens	485.1207!	1.238		
5910		HIP 77801	238.3004(	13.196626	6.12	G1VFe-1	5911	142267	39 Ser	Serpens	56.923219	0.598		

5911	HIP 77811	238.3335	-20.16707	5.027	B3V	5902	142096	λ Librae	Libra	356.2855	-0.014	5.03	5.05
5912	HIP 77817	238.3455	-62.60656	6.196	K3III	5884	141585		Triangulu	623.3285	1.467		
5913	HIP 77835	238.3952	16.07493	6.22	F5.5IV+	5913	142357		Serpens	287.9859	0.413		
5914	HIP 7784(	238.4029	-25.32713	4.71	~	5904	142114A	* 2 Sco A	Scorpius	433.5117	-0.073		
5915	HIP 7784(	238.4029	-25.32714	4.59	B2.5Vn	5904	142114	2 Sco	Scorpius	433.5117	-0.073		
5916	HIP 77853	238.4564(	-16.72929	4.16	G9IIIb	5908	142198	θ Librae	Libra	162.8370	1.003		
5917	HIP 77858	238.4746	-24.53315	5.372	B5V	5906	142165		Scorpius	414.2320	-0.011		
5918	HIP 77859	238.4827(	-23.97809	5.402	B2V	5907	142184		Scorpius	392.7714	-0.033		
5919	HIP 7790(	238.6254	-27.33863	6.1	B7V	5910	142250		Scorpius	530.9433	-0.069		
5920	HIP 77902	238.6442	20.31096	5.44	K8IIIb	5924	142574	QY Ser	Serpens	601.4767	1.588	5.42	5.5
5921	HIP 77907	238.6577(	43.13856	5.38	M3-III	5932	142780	2 Her	Hercules	625.7213	1.645		
5922	HIP 77909	238.6647(	-25.24373	5.87	B8III/IV	5912	142301	3 Sco	Scorpius	455.3080	-0.065	5.8	5.83
5923	HIP 7791(	238.6678	8.580337	6.266	A7Vn	5919	142500	40 Ser	Serpens	240.7680	0.171	6.28	6.305
5924	HIP 77927	238.7193	-60.74365	6.34	~	5898	141913A		Triangulu	1706.806	0.121		
5925	HIP 77939	238.7515(	-19.38293	5.957	B2/3V	5915	142378	47 Lib	Libra	623.3285	-0.013		
5926	HIP 77939	238.7515	-19.38291	6.05	~	5915	142378	* 47 Lib A	Libra	623.3285			
5927	HIP 77952	238.7856	-63.43072	2.85	F1V	5897	141891	β Triangul	Triangulu	40.12801	0.315		
5928	HIP 77982	238.8733	-68.60300	5.097	G5Ib-II	5891	141767	κ Triangul	Triangulu	2990.826	1.108		
5929	HIP 77984	238.8753(	-26.26598	5.625	A3V	5917	142445	4 Sco	Scorpius	431.7871	0.141		
5930	HIP 77985	238.8772	-31.08361	6.199	K4III	5916	142407		Lupus	395.6304	1.371		
5931	HIP 77986	238.8774(	42.56619	5.75	B9pe	5938	142926	4 Her	Hercules	481.5347	-0.102	5.74	5.84
5932		238.8848	-60.17764	5.868	G5II/III	5900	142049A		Norma	170.7699	0.355		
5933	HIP 77995	238.9160	18.62074	6.257	B8III	5931	142763		Serpens	1646.466	-0.089		
5934	HIP 78012	238.9482	37.94695	5.424	F2IV-V	5936	142908	λ Coronae	CoronaBo	135.1577	0.352		
5935	HIP 78017	238.9567	58.91177	6.306	B8V	5949	143187		Draco	465.0489	-0.028		
5936	HIP 78045	239.0246	-60.48248	5.76	A1IV/V	5905	142139		Triangulu	215.1816	0.087		
5937	HIP 78046	239.0284	-39.86436	6.028	B9V	5918	142448		Lupus	631.7817	0.13		
5938	HIP 78058	239.0584(	-31.78588	6.284	F3/5V	5923	142542		Lupus	164.5635	0.462		
5939	HIP 78059	239.0600(	-14.39940	6.324	F6V	5927	142640		Libra	208.4399	0.485		
5940	HIP 78072	239.1132(	15.66161	3.84	F6V	5933	142860	γ Serpent	Serpens	36.2544	0.478		

5941		HIP 78078	239.13905	-14.82943	6.117	F1VskA1.5	5930	142703		Libra	172.57828	0.243	6.13	6.15
5942	Iklil	HIP 78104	239.22115	-29.21407	3.86	B2IV-V	5928	142669	ρ Scorpii	Scorpius	409.03562	-0.199		
5943		HIP 78105	239.22287	-33.96611	5.08	A3V	5925	142629	ξ 1 Lupi	Lupus	199.38853	0.129		
5944		HIP 78106	239.22547	-33.96426	5.55	B9V	5926	142630	ξ 2 Lupi	Lupus	195.91369	0.072		
5945		HIP 78117	239.26612	-48.16218	6.297	F2V	5921	142529		Norma	161.22663	0.381		
5946		HIP 78132	239.31071	14.41448	5.53	K2III+	5940	142980	ϕ Serpent	Serpens	227.01964	1.141		
5947		HIP 78142	239.33885	-36.18534	5.83	K0/1III	5929	142691		Lupus	928.77435	1.095		
5948		HIP 78153	239.37426	39.69508	6.297	K0	5950	143209		Hercules	396.11297	1.11		
5949		HIP 78159	239.39688	26.87787	4.13	K2IIIab	5947	143107	ϵ Coronae	CoronaBo	229.57744	1.231		
5950		HIP 78168	239.41859	-20.98307	5.836	B3V	5934	142883		Scorpius	455.30807	0.012		
5951		HIP 78180	239.44766	54.74976	4.96	F1IVab	5960	143466	CL Dra	Draco	110.24705	0.269	4.95	4.97
5952		HIP 78207	239.54736	-14.27935	4.87	B5IIIp_sh	5941	142983	48 Lib	Libra	512.57978	-0.08	4.74	4.96
5953		HIP 78236	239.62831	-37.50388	6.307	K0III	5935	142889		Lupus	611.63165	1.006		
5954		HIP 78246	239.64527	-24.83148	5.43	B5V	5942	142990		Scorpius	488.02545	-0.092	5.4	5.47
5955	Fang	HIP 78265	239.71297	-26.11410	2.91	B1V+B2:V	5944	143018	π Scorpii	Scorpius	459.15488	-0.18		
5956		HIP 78276	239.74048	36.64377	5.586	K5III	5957	143435		CoronaBo	898.07165	1.529		
5957		HIP 78279	239.74228	-65.03758	5.74	B7III	5920	142514		Triangulu	752.88750	-0.066		
5958		HIP 78286	239.76831	49.88104	6.032	F0IV	5964	143584		Hercules	159.80396	0.289		
5959		HIP 78323	239.87611	-41.74443	4.984	K0II/III	5943	143009		Lupus	379.50979	0.988		
5960		HIP 78355	239.97559	-54.02091	6.089	B5III	5937	142919		Norma	1288.5382	-0.016		
5961		HIP 78367	239.99106	-40.65311	6.488	K1II/III	5945	143084		Lupus	1638.1929	1.499		
5962		HIP 78384	240.03053	-38.39670	3.41	B2.5IV	5948	143118	η Lupi	Lupus	493.19255	-0.206		
5963		HIP 78400	240.08181	-16.53341	5.45	F8V	5954	143333	49 Lib	Libra	106.92022	0.517		
5964	Dschubba	HIP 78401	240.08335	-22.62170	2.32	B0.3IV	5953	143275	δ Scorpii	Scorpius	401.47894	-0.117	1.86	2.32
5965		HIP 78436	240.19846	-8.411358	5.526	A0V	5959	143459	50 Lib	Libra	459.15488	0.043		
5966		HIP 78442	240.21305	4.427357	5.804	K0III/IV	5963	143553	3 Her	Serpens	239.35386	1.003		
5967		HIP 78445	240.22379	-40.43547	6.221	A0V	5952	143248		Lupus	370.45350	0.01		
5968		HIP 78469	240.27694	-54.57790	6.124	A5V	5946	143101		Norma	447.80355	0.264		
5969		HIP 78476	240.29465	-63.77653	6.41	F8II	5939	142941	S TrA	Triangulu	2050.3158	0.567	5.95	6.81
5970		HIP 78486	240.33147	-31.88913	6.317	K4III	5956	143404		Lupus	549.74705	1.454		

5971		HIP 78493	240.3606	29.85106	4.971	A0IIIspHg	5971	143807	ι Coronae	CoronaBo	350.9163	-0.05			
5972		HIP 78527	240.4722	58.56525	4	F9V	5986	144284	θ Draconi	Draco	68.60681	0.52			
5973		HIP 7854(	240.5186	-51.12077	6.387	B5V		143321		Norma	722.8368	-0.003			
5974		HIP 78542	240.5231	52.91593	5.902	K5III	5981	144204		Draco	819.0948	1.498			
5975		HIP 78554	240.5737	22.80445	4.817	A3V	5972	143894	π Serpent	Serpens	176.9815	0.066			
5976		HIP 78575	240.6642	-29.13580	6.056	K2/3III	5965	143619		Scorpius	450.9005	1.304			
5977		HIP 78592	240.6995	46.03670	4.709	B9.5III	5982	144206	υ Herculis	Hercules	375.5749	-0.094			
5978		HIP 78603	240.7187	-62.54159	6.246	B9.5V	5951	143238		Triangulu	338.8771	-0.015			
5979		HIP 78632	240.7889	59.41073	6.19	M1III	5995	144542		Draco	883.4701	1.576			
5980		HIP 78639	240.8037	-49.22969	4.643	G8III	5962	143546	η Normae	Norma	217.7690	0.902			
5981		HIP 78649	240.8306	36.63178	5.804	G6IIIa+A2	5983	144208		CoronaBo	690.6768	0.586			
5982		HIP 7865(	240.8359	-25.86524	4.966	K3III	5969	143787		Scorpius	211.8260	1.234			
5983		HIP 78655	240.8507	-38.60253	4.89	B5/7III/IV	5967	143699		Lupus	526.6564	-0.146			
5984		HIP 78661	240.8806	76.79394	5.73	A3V	6034	145622		UrsaMino	581.1049	0.051			
5985		HIP 78662	240.8837	-57.77507	4.67	A5IVs	5961	143474	ι 1 Norma	Norma	140.1549	0.252			
5986		HIP 78665	240.8931	-32.00053	5.993	F5IV/V	5970	143790		Lupus	178.3370	0.47			
5987		HIP 78685	240.9403	4.986832	6.068	G9III	5976	144046	43 Ser	Serpens	389.4853	0.96			
5988		HIP 78699	240.9779	-24.72631	6.211	K2/3III	5973	143900		Scorpius	597.0692	1.386			
5989		HIP 7871(	241.0258	-59.17618	6.38	K1II/III		143548		Norma	2587.303	1.366			
5990		HIP 78726	241.0742	-33.21371	6.086	F3III	5974	143902		Lupus	400.4911	0.338			
5991		HIP 78731	241.0888	-53.71038	6.47	B9II/III(pSi)		143658	QY Nor	Norma	1048.230	0.006	6.45	6.464	
5992		HIP 78727	241.0922	-11.37296	4.87	F5V	5977	144069	* ksi Sco E	Scorpius		0.48			
5993		HIP 78727	241.0922	-11.37310	4.17	F7V			ξ Sco B	Scorpius		0.47			
5994		HIP 78727	241.0923	-11.37320	5.16	F4(V)	5978	144070	* ksi Sco A	Scorpius		0.48			
5995		HIP 78747	241.1533	-37.86294	5.901	F5VFe-0.8	5975	143928		Lupus	129.8804	0.409			
5996	Acrab	HIP 7882(	241.3592	-19.80539	2.5	B1V+B2V	5984	144217	* bet Sco	Scorpius	530.0827	-0.065			
5997	Acrab	HIP 7882(	241.3592	-19.80545	2.62	B1V	5984	144217	β 1 Scorpi	Scorpius	530.0827	-0.065			
5998		HIP 78821	241.3607	-19.80190	4.89	B2V	5985	144218	β 2 Scorpi	Scorpius	1131.944	-0.024			
5999		HIP 7884(	241.4080	8.096249	6.269	A3m	5992	144426	38 G. Ser	Serpens	402.4699	0.084			
6000			241.4356	-6.291126	6.41	~	5989	144362A		Ophiuchu	254.4887	0.413			

6001		HIP 78868	241.4825	-72.40090	5.685	K1.5IIICN1	5955	143346		Apus	288.2405	1.169	
6002		HIP 7887(	241.4992	-6.139754	6.391	G8III	5990	144390	3 G. Oph	Ophiuchu	347.1771(	1.034	
6003		HIP 78877	241.5266	-23.60634	5.92	B8V	5988	144334	V929 Sco	Scorpius	486.5682	-0.071	5.89	5.91
6004		HIP 78893	241.5819	67.81013	5.441	A0Vn	6025	145454		Draco	273.4899	-0.019	
6005		HIP 78914	241.6227	-45.17328	4.713	kA3hA7m	5980	144197	δ Normae	Norma	123.4380(	0.23	
6006		HIP 78918	241.6480	-36.80227	4.201	B2.5Vn	5987	144294	θ Lupi	Lupus	410.5808(	-0.184	
6007		HIP 78933	241.7017	-20.66918	3.97	B1V	5993	144470	ω 1 Scorp	Scorpius	423.3763(	-0.046	
6008		HIP 78955	241.7640	-14.07129	6.32	G2V	5996	144585		Scorpius	94.21959(	0.66	
6009		HIP 7897(	241.8175	-36.75563	5.7	F0/2V	5991	144415		Lupus	169.6149	0.298	
6010		HIP 78985	241.8424(	21.82265	6.14	K4III	6005	144889		Serpens	565.9720	1.365	
6011		HIP 78989	241.8503	-56.19095	6.165	F0/2Ib/II	5979	144183		Norma	1278.432	0.565	
6012		HIP 7899(	241.8513(	-20.86876	4.33	G4II-III	5997	144608	ω 2 Scorp	Scorpius	264.6103	0.831	
6013		HIP 79005	241.9017	-12.74540	5.77	B9V	6002	144708	11 Sco	Scorpius	425.5866	0.018	
6014		HIP 79007	241.9064	9.891740	5.635	A7V	6004	144874	45 Ser	Serpens	268.9771(	0.2	
6015		HIP 79031	241.9661	-24.46234	6.33	B8IV/V	5998	144661		Scorpius	383.5293	-0.038	
6016	Marsic	HIP 79043	242.0188	17.04697	4.994	G7III	6008	145001		Hercules	381.0001	0.933	
6017		HIP 79045	242.0206(	17.05435	6.23	K0IV	6009	145000	κ Herculis	Hercules	401.0001	1.14	
6018		HIP 7905(	242.0316	-26.32668	5.38	M2III	6001	144690		Scorpius	425.0324	1.643	
6019		HIP 79072	242.1169	8.534310	5.73	M4IIIa	6010	145002	47 Ser	Serpens	567.9443	1.575	5.68	5.73
6020		HIP 79098	242.1821(	-23.68541	5.88	B9V	6003	144844		Scorpius	426.1441(	0.02	
6021		HIP 79101	242.1924(	44.93490	4.27	B9VspHgM	6023	145389	ϕ Herculis	Hercules	228.4514	-0.045	
6022		HIP 79102	242.1942	17.20563	6.127	A0Vnn	6013	145122	8 Her	Hercules	367.1185	-0.003	
6023		HIP 79119	242.2429	36.49087	4.73	K1-III-IV	6018	145328	τ Coronae	CoronaBo	113.0376	1.015	
6024		HIP 7912(	242.2453	3.454474	5.909	K4III	6011	145085	41 G. Ser (	Serpens	430.0789	1.471	
6025		HIP 79125	242.2620	57.93784	6.33	A1V	6036	145674		Draco	400.9834(	0.032	
6026		HIP 79153	242.3272	-57.93431	5.57	B9.5V	5994	144480	ι 2 Norma	Norma	271.2148	-0.024	
6027		HIP 79164	242.3582	55.82897	6.4	K0	6038	145694		Draco	437.5834	1.076	
6028		HIP 79195	242.4604	-3.466744	5.378	K4III	6016	145206	43 G. Ser (	Serpens	493.9390	1.446	
6029		HIP 79199	242.4691	-33.54580	5.497	B8V	6007	144987		Scorpius	432.9346	-0.075	
6030		HIP 79203	242.4803(	-18.34062	6.43	F3V	6012	145100		Scorpius	160.9876	0.447	

6031		HIP 79208	242.4965	-62.96715	6.488	A3mA7-F2		144481		Triangulu	340.2919	0.231		
6032		HIP 79280	242.7063	75.87756	5.473	B8V	6079	146926	19 UMi	UrsaMino	665.3075	-0.093		
6033		HIP 79302	242.7586	-29.41621	5.102	K0III	6017	145250		Scorpius	255.2858	1.131		
6034		HIP 79320	242.8237	-41.11980	5.857	F2III(+A)	6015	145191		Scorpius	225.7619	0.273		
6035		HIP 79332	242.8697	16.66569	6.082	A0V	6035	145647	48 Ser	Hercules	439.9469	0.02		
6036		HIP 79349	242.9084	23.49480	5.7	M3III	6039	145713	10 Her	Hercules	565.9720	1.519	5.58	5.83
6037		HIP 79350	242.9149	33.34276	6.3	K2III	6043	145802		CoronaBo	515.0084	1.228		
6038		HIP 79357	242.9483	42.37456	5.868	K4III	6050	145931		Hercules	934.0979	1.464		
6039		HIP 79358	242.9502	36.42509	5.615	K3III	6046	145849		CoronaBo	610.4873	1.352		
6040	Jabbah	HIP 79374	242.9988	-19.46069	4.349	~	6027	145502A	* nu. Sco	Scorpius	436.4131	0.076		
6041	Jabbah	HIP 79374	242.9988	-19.46070	4	B2V	6027	145502	ν Scorpii	Scorpius	436.4131	0.076		
6042		HIP 79375	242.9999	-10.06414	4.928	A1V	6031	145570	ψ Scorpii	Scorpius	164.7298	0.087		
6043		HIP 79385	243.0272	39.05552	6.388	K0		145957		CoronaBo	867.0201	1.262		
6044		HIP 79387	243.0304	-8.547579	5.424	A2IV	6033	145607	16 Sco	Scorpius	249.8086	0.118		
6045		HIP 79399	243.0668	-28.41728	5.8	B9V		145483A	* 12 Sco A	Scorpius	297.9892	0.012		
6046		HIP 79404	243.0758	-27.92637	4.568	B2V	6028	145482	13 Sco	Scorpius	467.7189	-0.172		
6047		HIP 79414	243.1056	67.14417	6.211	G8III	6069	146603		Draco	485.8412	0.993		
6048		HIP 79420	243.1337	75.21068	6.34	K2IV	6082	147142	20 UMi	UrsaMino	765.2591	1.283		
6049			243.1894	26.67057	6.5	~	6052	145976A		CoronaBo	238.3041	0.391		
6050		HIP 79463	243.2357	-4.220786	6.255	A0V	6041	145788	5 G. Oph	Ophiuchu	557.2646	0.133		
6051		HIP 79488	243.3142	5.021091	5.453	K5III	6047	145892	9 Her	Hercules	424.4782	1.472		
6052		HIP 79490	243.3207	-53.67117	5.944	M0III	6022	145384	V367 Nor	Norma	4939.390	1.965		
6053		HIP 79497	243.3445	-55.54094	5.772	F2IV/V	6019	145361	ζ Normae	Norma	230.7148	0.365		
6054		HIP 79509	243.3697	-54.63046	4.94	G8III	6024	145397	κ Normae	Norma	437.5834	1.017		
6055		HIP 79522	243.4108	-1.475129	6.45	K0III		145936	45 G. Ser	Serpens	324.3782	0.997		
6056		HIP 79530	243.4395	-24.42209	6.43	B6IV	6042	145792		Scorpius	452.7783	0.043		
6057		HIP 79540	243.4621	-11.83774	5.239	K3III	6048	145897	χ Scorpii	Scorpius	438.7635	1.394		
6058		HIP 79581	243.5566	5.901847	6.289	K2III	6057	146084	2 G. Her	Hercules	334.3587	1.148		
6059	Yed Prior	HIP 79593	243.5864	-3.694325	2.75	M0.5III	6056	146051	δ Ophiuch	Ophiuchu	170.1463	1.584		
6060		HIP 79596	243.5931	-33.01108	5.918	K0III	6044	145838		Scorpius	642.9993	1.021		

6061		HIP 79599	243.62034	-21.10763	6.405	B9V	6051	145964		Scorpius	344.97333	0.002	
6062		HIP 79601	243.63934	73.394891	6.016	A3V	6088	147321		UrsaMino	747.70735	0.063	
6063		HIP 79605	243.66351	-18.53564	6.34	K1III	6053	145997		Scorpius	282.00706	1.085	
6064			243.66828	33.85752	6.42	G1V	6064	146362	* sig CrB B	CoronaBo	realis	0.62	
6065			243.67022	33.85861	5.55	F6V		146361	* sig CrB A	CoronaBo	realis	0.59	
6066		HIP 79622	243.72262	-25.47697	6.05	B8V	6054	146001		Scorpius	461.75636	0.027	
6067		HIP 79653	243.81382	-47.37201	5.124	B8V	6045	145842	θ Normae	Norma	294.75595	-0.114	
6068		HIP 79661	243.84982	-42.89942	6.135	K2III	6049	145921		Norma	244.56138	1.114	
6069		HIP 79664	243.85946	-63.68568	3.839	G2Ib-IIa	6030	145544	δ Triangul	Triangulu	620.95195	1.105	
6070		HIP 79666	243.86931	18.80808	5.69	K3III	6065	146388	16 Her	Hercules	316.19795	1.126	
6071		HIP 79672	243.90529	-8.369439	5.5	G2Va	6060	146233	18 Sco	Scorpius	45.722182	0.652	
6072		HIP 79686	243.94717	27.42082	6.136	K2	6068	146537		CoronaBo	441.73343	1.334	
6073		HIP 79689	243.95748	-57.91234	5.622	A3III	6040	145782		Norma	369.61568	0.137	
6074		HIP 79692	243.96456	-14.84911	6.083	A0III	6061	146254		Scorpius	613.93647	0.098	
6075		HIP 79754	244.18032	-53.81111	5.44	M2III	6055	146003	V368 Nor	Norma	804.93994	1.696	
6076		HIP 79757	244.18661	29.150260	5.779	A3V	6074	146738	υ Coronae	CoronaBo	825.31820	0.063	
6077		HIP 79781	244.23042	-3.953348	6.165	F0IV	6067	146514	8 G. Oph	Ophiuchu	155.23801	0.326	
6078		HIP 79787	244.24553	-53.69623	6.41	G6IV		146059		Norma	235.54911	0.793	
6079		HIP 79788	244.24665	-20.10408	6.42	G8III		146436		Scorpius	630.56248	1.27	
6080		HIP 79790	244.25389	-50.06812	5.09	F9Ia	6058	146143	γ 1 Norma	Norma	1436.1250	0.788	
6081		HIP 79797	244.27254	-67.94128	5.944	A3V	6037	145689		Triangulu	179.81254	0.159	
6082		HIP 79804	244.31396	59.755016	5.4	M4III	6086	147232		Draco	657.25862	1.551	
6083		HIP 79812	244.33708	-53.08638	6.33	A7/9IV	6059	146145		Norma	252.51742	0.273	
6084		HIP 79834	244.43065	1.4967135	6.49	K0III		146740		Serpens	598.16459	1.128	
6085		HIP 79867	244.54070	68.554545	6.36	K2	6101	147662		Draco	593.80595	1.343	
6086		HIP 79881	244.57457	-28.61402	4.782	A1Va	6070	146624		Scorpius	140.33589	0.008	
6087	Yed Poster	HIP 79882	244.58037	-4.692513	3.23	G9.5IIIbFe	6075	146791	ϵ Ophiuch	Ophiuchu	107.44900	0.966	
6088		HIP 79932	244.71596	-57.89979	6.49	F8/G0Ib	6062	146323	S Nor	Norma	2739.4963	0.931	6.12 6.77
6089		HIP 79938	244.75173	-14.87281	5.94	K3IIICNVp	6078	146850		Scorpius	864.72184	1.475	
6090		HIP 79945	244.78217	-20.21806	6.298	K0III	6076	146834		Scorpius	490.22595	1.066	

6091		HIP 79953	244.7967	49.03815	5.91	K6III	6090	147352		Hercules	637.9659	1.369		
6092		HIP 79963	244.8235	-42.67397	5.44	A3V	6071	146667	λ Normae	Norma	467.7189	0.099		
6093		HIP 79980	244.8864	-30.90671	5.502	F5IV	6077	146836		Scorpius	135.2698	0.466		
6094		HIP 79992	244.9351	46.31336	3.87	B5V	6092	147394	τ Herculis	Hercules	314.3684	-0.151		
6095		HIP 80000	244.9600	-50.15550	4.02	K0III	6072	146686	γ 2 Norma	Norma	127.4432	1.08		
6096		HIP 80008	244.9797	39.70858	5.48	F4V	6091	147365		Hercules	87.42280	0.41		
6097		HIP 80021	245.0178	21.13261	6.038	G8III	6087	147266		Hercules	344.6082	0.938		
6098		HIP 80047	245.0866	-78.69574	4.68	M4III	6020	145366	δ 1 Apodi	Apus	765.2592	1.68	4.66	4.87
6099		HIP 80054	245.1052	-55.13970	5.744	K0III	6073	146690		Norma	363.0304	0.97		
6100		HIP 80057	245.1119	-78.66749	5.247	K3III	6021	145388	δ 2 Apodi	Apus	662.6017	1.413		
6101		HIP 80066	245.1359	-39.43034	6.102	B9V	6080	146954		Scorpius	496.1950	-0.079		
6102		HIP 80079	245.1590	-24.16930	4.57	A5II	6081	147084	ο Scorpii	Scorpius	1176.896	0.758		
6103	Alniyat	HIP 80112	245.2971	-25.59279	2.89	B1III+B1:V	6084	147165	σ Scorpii	Scorpius	568.0002	0.299	2.86	2.94
6104		HIP 80142	245.3626	-48.18862	6.498	B7V		147001		Norma	441.7334	-0.047		
6105		HIP 80161	245.4529	69.10939	5.264	K2III	6126	148293		Draco	293.9585	1.115		
6106		HIP 80170	245.4800	19.15312	3.76	A9IIIbn	6095	147547	γ Herculis	Hercules	195.3265	0.299	4.02	4.11
6107		HIP 80179	245.5181	1.029043	4.82	F1IV	6093	147449	σ Serpent	Serpens	89.16854	0.338		
6108		HIP 80181	245.5242	30.89199	4.849	G9IIIFe-0.5	6103	147677	ξ Coronae	CoronaBo	183.5586	0.97		
6109		HIP 80197	245.5892	33.79905	5.2	M2III	6107	147749	ν 1 Coron	CoronaBo	555.3672	1.631		
6110		HIP 80208	245.6166	-49.57235	5.318	B3V	6083	147152		Norma	556.3126	-0.047		
6111		HIP 80212	245.6211	-43.91205	5.915	G3II	6085	147225		Norma	1041.534	1.121		
6112		HIP 80214	245.6217	33.70347	5.39	K5III	6108	147767	ν 2 Coron	CoronaBo	545.1504	1.523		
6113		HIP 80227	245.6621	-2.079866	6.241	B9V	6096	147550	10 G. Oph	Ophiuchu	406.9916	0.058		
6114		HIP 80247	245.7354	32.33301	6.404	A4Vn	6110	147835	23 Her	CoronaBo	515.0084	0.083		
6115			245.9464	61.69645	6.04	~	6130	148374A		Draco	412.1358	0.956		
6116		HIP 80324	245.9863	-33.19939	6.46	B9.5V(n)+	6097	147553		Scorpius	380.8398	0.013		
6117	Athebyne	HIP 80331	245.9978	61.51420	2.74	G8-IIIab	6132	148387	η Draconi	Draco	87.68164	0.91		
6118		HIP 80337	246.0053	-39.19298	5.376	G5V	6094	147513		Scorpius	41.97635	0.62		
6119		HIP 80343	246.0257	-20.03732	4.5	K0-II-III	6104	147700	ψ Ophiucl	Ophiuchu	177.9478	0.996		
6120		HIP 80351	246.0451	6.948210	5.819	A1III	6111	147869	21 Her	Hercules	341.3612	0.018		

6121		HIP 80375	246.1055	55.20509	5.734	A2pSi	6127	148330	DQ Dra	Draco	366.2937	0.001	5.74	5.757
6122		HIP 8039(	246.1323	-37.5660	5.42	B8V	6100	147628		Scorpius	467.7189(	-0.104		
6123		HIP 80399	246.1657	-29.7046	5.41	G0	6105	147722		Scorpius	102.4514	0.625		
6124			246.1657	-29.7046	5.82	F9IV			CD-29 125	Scorpius				
6125		HIP 80421	246.2256	-45.3494	6.326	A2/3V	6099	147614		Norma	298.5349	0.187		
6126			246.332	-40.661	5.8	Open Cluster			NGC 6124	Sagittarius				
6127		HIP 80455	246.3421	-63.1252	6.132	A1V	6089	147349		Triangulu	428.3837	0.029		
6128		HIP 8046(	246.3507	37.3940	5.54	A5V	6123	148283	25 Her	Hercules	256.0880	0.174		
6129	Cujam	HIP 80463	246.3539	14.0332	4.58	A2VpCrSr	6117	148112	ω Herculi	Hercules	235.0399(	0.002	4.57	4.65
6130		HIP 80473	246.3963	-23.4471	4.63	B2IV+B2V	6112	147933	ρ Ophiuch	Ophiuchu	394.1960	0.227		
6131		HIP 80473	246.3963	-23.4471	5.05	B1V	6112	147933	* rho Oph	Ophiuchu	394.1960	0.227		
6132		HIP 80514	246.5474	11.4074	6.103	G8III	6121	148228		Hercules	357.8470	1.065		
6133		HIP 80558	246.7086	2.347942	6.049	G8III	6124	148287	16 G. Oph	Ophiuchu	466.3823(	0.919		
6134		HIP 80569	246.7559	-18.4562	4.43	B2Vne	6118	148184	χ Ophiuch	Ophiuchu	488.7556	0.217	4.18	5
6135		HIP 80579	246.7919	-47.5490	6.13	A				Norma				
6136		HIP 80582	246.7960(	-47.5547	4.521	B2V	6115	147971	ϵ Normae	Norma	399.5098	-0.07		
6137		HIP 8061(	246.8844	2.870624	6.37	M0III		148390	19 G. Oph	Ophiuchu	546.9793	1.638		
6138		HIP 8062(	246.9310	-7.59792	5.23	M3-III	6128	148349	17 G. Oph	Ophiuchu	506.9986	1.721	5	5.38
6139		HIP 80628	246.9507	-8.37178	4.63	kA2hA5Vr	6129	148367	υ Ophiuch	Ophiuchu	122.2347	0.185		
6140		HIP 80645	246.9889	-64.0579	5.29	F0IV	6109	147787	ι Trianguli	Triangulu	131.7170	0.383		
6141		HIP 8065(	246.9958	68.7681	4.949	B9.5IV	6161	149212	15 Dra	Draco	490.9626	-0.051		
6142		HIP 80672	247.0602	-37.1798	5.79	K1+IIICN0	6122	148247		Scorpius	318.9826	1.104		
6143		HIP 80675	247.0631	-58.5997	5.673	B9II/III	6114	147977		Norma	679.1658	0.008		
6144		HIP 8068(	247.1172	-70.0843	4.899	F9V	6098	147584	ζ Trianguli	Triangulu	39.46264	0.555		
6145		HIP 80693	247.1415	0.665000	5.39	K3V	6136	148513	21 G. Oph	Ophiuchu	422.2810(	1.461		
6146		HIP 80704	247.1606	41.8816	5.01	M6-III	6146	148783	30 Her	Hercules	361.0190	1.289	4.3	6.3
6147		HIP 80708	247.1763	0.054857	6.45	K3V		148531		Ophiuchu	299.3574	1.378		
6148		HIP 8071(	247.1810	51.4077	6.307	G9III	6150	148880		Draco	391.3566	1.052		
6149			247.3508	-26.4308	5.2	B2.5V		148479	* alf Sco B	Scorpius				
6150	Antares	HIP 80763	247.3519	-26.4320	0.91	M1.5Iab+I	6134	148478	α Scorpii	Scorpius	609.6202	1.865	0.88	1.16

6151		HIP 80782	247.4263(	-46.24323	5.37	B2Iab	6131	148379	QU Nor	Norma	1194.1384	0.488	5.29	5.41
6152		HIP 80788	247.4384:	-57.75632	6.052	G8Ib	6120	148218	V378 Nor	Norma	1530.5184	1.459		
6153		HIP 80793	247.4455(	-14.55079	5.665	G5III/IV	6140	148604	22 G. Oph	Ophiuchu	267.6519	0.823		
6154		HIP 80809	247.5251(	48.961085	6.427	A1V	6156	149081	34 Her	Hercules	362.2219	0.026		
6155		HIP 80815	247.5519(	-25.11522	4.79	B2.5V	6141	148605	22 Sco	Scorpius	392.7714	-0.116		
6156	Kornepho	HIP 80816	247.5550(	21.48961(	2.77	G7IIIaFe-0	6148	148856	β Herculis	Hercules	147.7119(	0.947		
6157		HIP 80840	247.6250:	-7.514453	6.461	A7Ib	6144	148743	23 G. Oph	Ophiuchu	1873.565(	0.371		
6158		HIP 80843	247.6397(	20.47918:	5.243	G8.5IIICN-	6152	148897		Hercules	758.1393(	1.274		
6159		HIP 80874	247.7056(	-61.63350	5.182	K1IIb	6125	148291		Triangulu	669.4053	1.236		
6160	Marfik	HIP 80883	247.7284:	1.983905:	4.15	A0V	6149	148857	* lam Oph	Ophiuchu	166.0722	0.022		
6161	Marfik	HIP 80883	247.7284:	1.983922	3.9	A1IV	6149	148857	λ Ophiuch	Ophiuchu	166.0722	0.022		
6162		HIP 80883	247.7285	1.984244	5.14	A4V	6149	148857	* lam Oph	Ophiuchu	166.0722	0.022		
6163		HIP 80888	247.7615	35.22506(	6.26	K5	6157	149084		Hercules	999.9988	1.64		
6164		HIP 80894	247.7848(	-16.61273	4.27	G8+IIIa	6147	148786	ϕ Ophiuch	Ophiuchu	209.9163	0.924		
6165		HIP 80898	247.8059(	22.19545(	5.754	K5III	6154	149009		Hercules	926.1370(	1.605		
6166		HIP 80910	247.8451	-26.53764	6.081	K1III	6145	148760		Scorpius	225.1383(	1.085		
6167		HIP 80911	247.8455(	-34.70436	4.23	B2III-IV	6143	148703	N Sco	Scorpius	745.9958(	-0.168		
6168		HIP 80920	247.8676:	72.612338	6.31	K2III	6180	150010		Draco	437.5834:	1.291		
6169		HIP 80945	247.9240:	-41.81714	5.39	B1Iaeqp	6142	148688		Scorpius	8578.953	0.299		
6170		HIP 80953	247.9467(	45.598262	5.68	A2Vn_lB	6162	149303		Hercules	225.1382	0.125		
6171		HIP 80964	247.9852:	9.414381:	6.5	F2		149059		Hercules	293.4294	0.429		
6172		HIP 80975	248.0341(	-21.46640	4.45	ApSrEuCr	6153	148898	ω Ophiucl	Ophiuchu	174.7054:	0.13	4.44	4.51
6173		HIP 80991	248.1069	60.823301	5.91	A2V	6170	149650		Draco	335.3921	0.039		
6174		HIP 81007	248.1486(	5.521219	5.63	B9.5III	6158	149121	n Her	Hercules	322.1344:	-0.044		
6175		HIP 81008	248.1512:	11.48804:	4.85	K4.5III	6159	149161	29 Her	Hercules	316.8124(	1.495		
6176		HIP 81065	248.3628(	-78.89714	3.854	G8III	6102	147675	γ Apodis	Apus	159.4913:	0.923		
6177		HIP 81122	248.5209:	-44.04531	4.94	O9.7Iab	6155	149038	μ Normae	Norma	4657.139	0.045	4.87	4.98
6178		HIP 81126	248.5257(	42.437009	4.196	B9V	6168	149630	σ Herculis	Hercules	302.1317(	-0.013		
6179		HIP 81141	248.5806(	-70.98810	5.489	K0.5IIbCN	6135	148488		Apus	942.1957(	1.235		
6180		HIP 81198	248.7822:	-45.24436	6.44	K2/3III	6160	149174		Scorpius	613.9364:	1.346		

6181		HIP 81231	248.8595	17.05734	6.403	A1V	6169	149632		Hercules	528.3647	0.062		
6182		HIP 81252	248.9367	-65.49539	5.5	G8/K0III	6151	148890	θ Triangul	Triangulu	327.9691	0.949		
6183	Paikauhal	HIP 81266	248.9706	-28.21601	2.81	B0V	6165	149438	τ Scorpii	Scorpius	429.5116	-0.206		
6184		HIP 81289	249.0466	46.61333	5.814	G8II	6183	150030		Hercules	878.7072	1.044		
6185		HIP 81290	249.0475	52.90005	5.52	B9.5V+DA	6184	150100	16 Dra	Draco	399.5098	-0.06		
6186		HIP 81292	249.0571	52.92442	5.39	B9V	6185	150117	* 17 Dra A	Draco	396.5954	-0.027		
6187		HIP 81292	249.0585	52.92419	6.413	A1Vnn	6186	150118	* 17 Dra B	Draco	396.5954	-0.027		
6188			249.0830	-2.32031	5.755	~			BD+02 42	Ophiuchus		0.819		
6189		HIP 81300	249.0893	-2.324586	5.77	K1V	6171	149661	12 Oph	Ophiuchu	31.87643	0.827	6.57	6.61
6190		HIP 81304	249.0936	-35.25533	4.156	K5III	6166	149447	H Sco	Scorpius	338.5250	1.535		
6191		HIP 81305	249.0940	-42.85886	5.52	O8.5Iab(f)	6164	149404		Scorpius	1493.080	0.338	5.42	5.5
6192		HIP 81337	249.1789	15.49745	6.355	A2VpSiSr(	6176	149822	V773 Her	Hercules	436.4131	-0.055		
6193		HIP 81358	249.2291	63.07282	6.148	K5	6198	150429		Draco	486.5682	1.527		
6194		HIP 81377	249.2897	-10.56708	2.56	O9.2IVnn	6175	149757	ζ Ophiuch	Ophiuchu	365.1201	0.038	2.56	2.58
6195		HIP 81404	249.3906	5.277525	6.47	K0		149908	11 G. Her	Hercules	427.8230	1.15		
6196		HIP 81425	249.4500	13.68703	6.32	F5IV-V	6181	150012		Hercules	226.5462	0.433		
6197		HIP 81428	249.4697	78.91867	6.317	G9III	6238	151623		UrsaMino	414.2320	1.141		
6198		HIP 81437	249.5018	56.01556	5.28	K1III	6199	150449		Draco	258.7303	1.055		
6199		HIP 81440	249.5064	-6.538013	6.09	ApSrCrEu	6179	149911	30 G. Oph	Ophiuchu	411.6175	0.165		
6200		HIP 81472	249.6095	-43.39842	5.83	B2V	6174	149711	V1003 Sc	Scorpius	686.3150	-0.053	5.83	5.86
6201		HIP 81497	249.6868	48.92834	4.9	M2III	6200	150450	42 Her	Hercules	376.0085	1.562		
6202		HIP 81499	249.6988	-8.618606	6.45	K4III		150052	31 G. Oph	Ophiuchu	881.0805	1.806		
6203		HIP 81507	249.7195	-60.99039	6.15	B7Vn	6167	149485		Ara	537.0689	-0.073		
6204		HIP 81523	249.7717	-37.21737	5.914	B9/A0V+B	6178	149886		Scorpius	434.0887	-0.035		
6205		HIP 81580	249.9130	-9.554586	6.332	F6V	6189	150177	33 G. Oph	Ophiuchu	141.6160	0.492		
6206		HIP 81632	250.1438	-20.40864	6.245	K0III	6190	150259	34 G. Oph	Ophiuchu	423.9273	1.077		
6207		HIP 81641	250.1611	4.219789	5.761	B9V	6195	150378	37 Her	Hercules	302.9740	-0.004		
6208		HIP 81650	250.1849	-51.47825	6.29	F1Vnnm-4		149989	V872 Ara	Ara	159.1796	0.321		
6209		HIP 81657	250.2103	-60.44644	6.24	F6V	6177	149837		Ara	100.3076	0.488		
6210		HIP 81659	250.2139	12.39504	6.061	A3Vn	6203	150483		Hercules	347.5487	0.046		

6211	HIP 8166(	250.2296(	64.58904	4.842	K0IIICN-0.	6223	151101	18 Dra	Draco	680.5839	1.212
6212	HIP 8166:	250.2350:	-8.309624	6.49	K0III		150381	38 G. Oph	Ophiuchu	499.2333	1.147
6213	HIP 8167(	250.2524	24.85870:	6.07	K2	6208	150580		Hercules	449.0358:	1.316
6214	HIP 8168	250.2980	-1.000313	6.259	A5/7III	6201	150451	41 G. Oph	Ophiuchu	153.6288	0.313
6215	HIP 8169:	250.3191	31.60458:	2.88	~	6212	150680	* zet Her /	Hercules	35.19367	0.65
6216	HIP 8169	250.3197	1.245435	6.395	G8III		150493	42 G. Oph	Ophiuchu	767.0587:	1.019
6217	HIP 8169:	250.3215(	31.602718	2.8	G0IV	6212	150680	ζ Herculis	Hercules	35.19367	0.65
6218	HIP 8170	250.3350(	-48.76298	5.65	O3.5-4III(f	6187	150136		Ara	4703.727	0.13
6219	HIP 8171(	250.3462	-68.29612	5.884	B7V	6172	149671	η 1 Triang	Triangulu	687.7624	-0.078
6220	HIP 8172	250.3932(	-17.74216	4.923	G7.5II-IIIC	6196	150416	24 Sco	Ophiuchu	390.8871	1.095
6221	HIP 8172	250.4007	-24.46796	6.09	A7III	6193	150366	36 G. Oph	Ophiuchu	262.0581	0.214
6222	HIP 8172	250.4029	26.91688(	5.916	F3V:+F3V:	6213	150682	39 Her	Hercules	139.6147	0.402
6223	HIP 8173:	250.4176(	-49.65155	5.68	B1Iab/Ib	6188	150168		Ara	3260.001	-0.043
6224		250.4234	36.46131	5.8	Globular Cluster			M 13	Hercules		
6225	HIP 8173	250.4270(	1.1812308	5.724	F2V	6205	150557	14 Oph	Ophiuchu	165.4822	0.336
6226	HIP 8174	250.4393	-33.14575	5.836	G0/2II	6192	150331		Scorpius	292.1147(	0.653
6227	HIP 8175	250.4737(	-19.92436	5.559	F3V	6202	150453	40 G. Oph	Ophiuchu	138.7234	0.436
6228	HIP 8182	250.7017	-62.55392	6.19	K3III		150097		Triangulu	1468.467	1.524
6229	HIP 8183	250.7240	38.92225	3.5	G7IIIFe-1	6220	150997	η Herculis	Hercules	111.9891	0.916
6230	HIP 8184(	250.7435	55.69012(	6.172	A2VpSr	6226	151199		Draco	295.2899	0.088
6231	HIP 8184	250.7648	-46.07029	6.27	F6II	6197	150421		Ara	3128.299	0.821
6232	HIP 8185	250.7694	-77.51743	4.24	K0III	6163	149324	β Apodis	Apus	157.5640	1.06
6233	HIP 8187	250.8422	-67.43238	6.015	A0Vn	6182	150026		Triangulu	304.6728	0.037
6234	HIP 8189	250.9113	-32.10594	6.452	B8V	6211	150638		Scorpius	783.6553	-0.076
6235	HIP 8190	250.9403	-41.11920	6.199	A4V	6206	150573		Scorpius	430.0789	0.143
6236	HIP 8190	250.9483	-38.15634	6.046	B9II/III	6210	150608		Scorpius	702.5856	-0.054
6237		250.95	-41.1167	5.41	~			[SC96] Mi	Scorpius		
6238	HIP 8191	250.9653(	34.038802	6.01	F2.5III-IV	6222	151087		Hercules	179.2195	0.321
6239	HIP 8191	250.9753	-41.11334	6.116	B6/7V	6209	150591		Scorpius	485.1207	-0.078
6240	HIP 8196	251.1655	-53.15231	5.967	G8III	6207	150576		Ara	687.7624	1.23

6241		HIP 81972	251.1774(	-40.83967	5.628	B3V	6214	150742		Scorpius	492.4460:	-0.093		
6242		HIP 81992	251.2507(	-28.50965	5.982	A3IV	6218	150894		Scorpius	754.6283-	0.103		
6243		HIP 82012	251.2991-	43.21717:	6.059	K4III	6230	151388		Hercules	637.9659:	1.415		
6244		HIP 8202(	251.3244:	56.78189(	4.837	F2V	6237	151613		Draco	87.14244:	0.375		
6245		HIP 82028	251.3438:	15.74528:	5.619	M3IIIab	6227	151203		Hercules	516.6417:	1.637		
6246		HIP 82037	251.3736-	1.020163(	6.018	B9IV/V	6224	151133	16 Oph	Ophiuchu:	476.6089:	-0.012		
6247		HIP 82073	251.4578(	8.582613(	5.15	K5III	6228	151217	43 Her	Hercules	350.5381(	1.535		
6248		HIP 8208(	251.4926(	82.03725(	4.212	G5III	6322	153751	ϵ Ursae M	UrsaMino	346.4403:	0.897	4.19	4.23
6249		HIP 82091	251.5265(	-46.53199	6.47	A2V		150897		Ara	447.8035(	0.087		
6250		HIP 8211(	251.5884-	-58.50359	5.728	B2III/IV	6215	150745		Ara	838.0452(	-0.101		
6251		HIP 82129	251.6666:	-67.10969	5.1	ApSi	6204	150549	LP TrA	Triangulu	625.7213:	-0.08	5.12	5.153
6252		HIP 82135	251.6998:	-39.37696	5.481	K0III	6221	151078		Scorpius	369.1951-	0.975		
6253		HIP 82162	251.7906:	2.064529(	6.077	A1IV	6232	151431	19 Oph	Ophiuchu:	492.4460:	0.14		
6254			251.8090(	-1.94853	6.07	Globular Cluster			M 12	Ophiuchus				
6255		HIP 82171	251.8319(	-58.34144	5.61	B0Ib	6219	150898		Ara	2089.745(	-0.096		
6256		HIP 82172	251.8322:	42.23891(	5.87	M4.5III	6242	151732	V636 Her	Hercules	742.5956:	1.504	5.83	6.03
6257		HIP 82216	251.9434:	5.2467475	5.24	A1VpSi	6234	151525	45 Her	Hercules	459.8036:	-0.001	5.21	5.27
6258		HIP 82241	252.0370(	13.59028(	6.379	G5III	6239	151627		Hercules	679.1658(	0.877		
6259		HIP 82259	252.1124(	-14.90941	6.028	A0IV/V	6235	151527	46 G. Oph	Ophiuchu:	446.5745(	0.192		
6260	Atria	HIP 82273	252.1662:	-69.02771	1.88	K2III_Ba1	6217	150798	α Triangul	Triangulu	391.0001-	1.447		
6261		HIP 82321	252.3092(	45.98331(	4.826	~	6254	152107A	* 52 Her A	Hercules	175.0806(	0.087	4.78	4.85
6262		HIP 82321	252.3092-	45.98332:	4.823	A1VpSiSrC	6254	152107	52 Her	Hercules	175.0806(	0.087	4.78	4.85
6263		HIP 82339	252.3652(	-15.66796	6.19	A3V	6240	151676	V1010 Op	Ophiuchu:	242.0192-	0.234	6.1	7
6264		HIP 8235(	252.3944(	13.26113:	5.91	A1V	6246	151862		Hercules	287.4779(	0.015		
6265		HIP 82355	252.4190:	43.43043(	6.165	K0IV	6256	152153		Hercules	605.9494(	1.257		
6266		HIP 82363	252.4464(	-59.04137	3.744	K5III	6229	151249	η Arae	Ara	313.1606:	1.562		
6267		HIP 82369	252.4584(	-10.78306	4.632	F7V	6243	151769	20 Oph	Ophiuchu:	120.5620:	0.478		
6268	Larawag	HIP 82396	252.5408:	-34.29323	2.29	K1III	6241	151680	ϵ Scorpii	Scorpius	65.396288	1.144		
6269		HIP 82402	252.5807(	7.2476835	5.469	A3m	6250	151956	47 Her	Hercules	188.4394(	0.108		
6270		HIP 82405	252.5927:	-2.654357	6.31	F3V	6248	151900	51 G. Oph	Ophiuchu:	195.0928:	0.401		

6271		HIP 82418	252.6503	-50.04494	6.45	F0IV/V	6236	151566		Ara	245.4820	0.325	
6272		HIP 82419	252.6503	41.89649	6.29	K3III:	6264	152262		Hercules	404.9703	1.086	
6273		HIP 82422	252.6623	29.80653	5.72	M1III	6258	152173	50 Her	Hercules	923.5127	1.626	
6274		HIP 82426	252.6797	32.55366	6.158	K0III	6259	152224		Hercules	314.6719	1.014	
6275		HIP 82453	252.7501	-37.51451	6.22	B8II-III	6244	151771		Scorpius	853.4031	0.124	
6276		HIP 82480	252.8538	1.215946	5.51	A0V	6255	152127	21 Oph	Ophiuchu	344.9733	0.055	
6277		HIP 82493	252.8905	-41.23053	5.22	O8Iaf	6245	151804		Scorpius	6791.658	0.047	5.22 5.28
6278		HIP 82504	252.9385	24.65643	5.029	K0.5IIIaCa	6270	152326	51 Her	Hercules	758.1393	1.246	
6279	Xamidimu	HIP 82514	252.9676	-38.04739	2.98	B1V+B	6247	151890	μ 1 Scorpi	Scorpius	821.1584	-0.2	2.94 3.22
6280		HIP 82517	252.9745	-65.37545	6.114	B8II/III	6233	151441		Triangulu	947.6758	-0.028	
6281		HIP 82516	252.9746	14.94187	6.4	M4-7.5Se		152276		Hercules	7761.899	1.522	6.4 13.8
6282			253	-38.0333	2.51	~			[SC96] Mi	Scorpius			
6283		HIP 82526	253.0202	14.97421	6.488	B9.5pSiCr	6268	152308		Hercules	452.1491	-0.033	
6284		HIP 82539	253.0737	-67.68163	6.317	K2III	6231	151404		Triangulu	377.3158	1.289	
6285	Pipirima	HIP 82545	253.0839	-38.01753	3.542	B2IV	6252	151985	μ 2 Scorpi	Scorpius	516.6417	-0.21	
6286		HIP 82554	253.1142	-40.72315	6.315	ApSiSr:		151965		Scorpius	588.4465	-0.141	6.32 6.38
6287			253.125	-40.7167	6.14	~			[SC96] Mi	Scorpius			
6288		HIP 82587	253.2419	31.70167	5.333	F0V	6279	152598	53 Her	Hercules	97.89784	0.319	
6289		HIP 82611	253.3231	47.41671	5.987	K2III	6286	152812		Hercules	610.4873	1.325	
6290		HIP 82621	253.3550	-20.41580	5.857	G2IV-V	6269	152311	54 G. Oph	Ophiuchu	91.23994	0.685	
6291			253.4	-42.0833	5.94	~			[SC96] Mi	Scorpius			
6292		HIP 82650	253.4267	-43.05096	6.06	M3II/III	6257	152161	V1068 Sc	Scorpius	1160.143	1.643	
6293		HIP 82669	253.4952	-41.99432	6.38	B0.5Ia	6261	152235	V900 Sco	Scorpius	5502.893	0.462	6.29 6.34
6294		HIP 82671	253.4988	-42.36202	4.79	B1.5Ia+	6262	152236	ζ 1 Scorpi	Scorpius	5570.563	0.444	4.66 4.86
6295		HIP 82672	253.5015	-57.90951	5.905	M1III	6251	151967		Ara	687.7624	1.592	
6296		HIP 82673	253.5019	10.16536	4.38	B8V	6281	152614	ι Ophiuchi	Ophiuchu	233.6918	-0.088	
6297		HIP 82676	253.5076	-41.80638	5.45	B0.5Ia	6260	152234		Scorpius	5927.268	0.176	
6298		HIP 82691	253.5419	-41.82503	6.088	O7Iabf+O7Ib(f)		152248		Scorpius	4715.288	0.126	6.06 6.3
6299		HIP 82693	253.5441	-1.612303	6.24	A5/7V	6277	152569	V2542 Op	Ophiuchu	237.9563	0.283	6.25 6.27
6300			253.5484	-41.84924	6.45	OC9Iab		152249		Scorpius			

6301	HIP 82716	253.6122(	-42.47889	5.839	F3II	6266	152293		Scorpius	1192.0053	0.626		
6302	HIP 82723	253.6314{	-49.71080	6.46	K1II		152220		Ara	1405.1713	1.466		
6303	HIP 82729	253.6458{	-42.36131	3.62	K3III	6271	152334	ζ 2 Scorpi	Scorpius	150.4383(	1.393		
6304	HIP 82730	253.6487{	-6.153980	5.23	K1IICNIII	6280	152601	23 Oph	Ophiuchu	248.0975{	1.1		
6305	HIP 82731	253.6498{	-30.58734	6.34	A5III(m)	6273	152431		Scorpius	630.5624{	0.214		
6306		253.725	-40.7333	3.4	UV-src			[SC96] Mi	Scorpius				
6307	HIP 82764	253.7298{	20.95849(	5.387	G8III	6287	152815		Hercules	254.6876(	0.966		
6308	HIP 82775	253.7437{	-41.15085	5.77	O8Iape	6272	152408		Scorpius	9588.2502	0.132		
6309	HIP 82780	253.7590(	25.73068(	6.064	G5III	6292	152863	56 Her	Hercules	456.5827{	0.921		
6310	HIP 82783	253.7638{	-42.09083	6.27	OC9.2Ia		152424		Scorpius	5299.0494	0.396		
6311	HIP 82798	253.8166{	13.61990{	6.34	F1V	6290	152830	V644 Her	Hercules	256.2895(	0.339	6.32	6.36
6312	HIP 82802	253.8423(	18.43321{	5.354	K4III-IV	6293	152879	54 Her	Hercules	354.7337{	1.407		
6313	HIP 82806	253.8528{	-63.26966	5.996	A0III	6253	152082		Ara	448.4196{	0.059		
6314		253.8749{	-40.83333	3.4	Open Cluster			C 1652-40	Scorpius				
6315		253.9	-31.4	6.36	~			[SC96] Mi	Scorpius				
6316	HIP 82855	253.9906{	-33.50687	6.32	K5III	6282	152636		Scorpius	581.1050(	1.747		
6317	HIP 82860	254.0070{	65.13480{	4.88	F8V	6315	153597	19 Dra	Draco	49.764542	0.48		
6318	HIP 82861	254.0076{	-16.80626	6.336	K0/1III/IV	6284	152781	60 G. Oph	Ophiuchu	131.8771(	0.952		
6319	HIP 82868	254.0368{	-50.67478	6.33	B3Vnpe	6274	152478	ρ1 Ara	Ara	751.1531{	-0.016		
6320	HIP 82880	254.0697{	73.12786(	6.29	F0V	6335	154099		Draco	317.4295{	0.259		
6321		254.075	-40.6667	6.31	~			[SC96] Mi	Scorpius				
6322	HIP 82898	254.1052{	65.039125	6.4	F2.2V	6319	153697	20 Dra	Draco	218.7920{	0.383		
6323	HIP 82902	254.1198{	-52.28374	5.933	B9V	6275	152527		Ara	314.9761(	-0.069		
6324	HIP 82911	254.1499(	-40.82345	6.22	B2Iab/b	6283	152667	V861 Sco	Scorpius	4959.046(	0.228	6.07	6.4
6325	HIP 82912	254.1576(	-30.58005	6.1	M6+e		152783	RR Sco	Scorpius	1147.8888	1.167	5	12.4
6326	HIP 82925	254.1998{	-23.15019	6.44	~	6291	152849	* 24 Oph	Ophiuchu	362.6262{	-0.018		
6327	HIP 82925	254.2001{	-23.15033	6.16	~	6291	152849	* 24 Oph A	Ophiuchu	362.6262{	-0.018		
6328	HIP 82944	254.2543(	-71.11164	6.48	A5IV/V		152010		Apus	1663.265(	0.26		
6329		254.275	-40.9333	5.98	~			[SC96] Mi	Scorpius				
6330		254.2877{	-4.10031	4.98	Globular Cluster			M 10	Ophiuchus				

6331		HIP 82960	254.2965(	-33.25949	5.49	K5III	6288	152820	27 Sco	Scorpius	724.44395	1.606		
6332		HIP 82979	254.3583:	-10.96337	6.159	K0III	6296	153021	63 G. Oph	Ophiuchu:	250.76940	1		
6333		HIP 82987	254.3793[	25.35284:	6.29	G5III:	6305	153287	57 Her	Hercules	555.36729	0.909		
6334		HIP 82989	254.3834[	13.884112	6.361	K0V	6301	153226		Hercules	200.12300	0.93		
6335		HIP 83000	254.4170[	9.375029(	3.2	K2III	6299	153210	κ Ophiuch	Ophiuchu:	85.812044	1.16		
6336		HIP 83007	254.4262[	24.38126:	6.326	K0III	6307	153312		Hercules	485.12078	1.089		
6337		HIP 83013	254.4590[	42.51243:	6.355	K3III	6313	153472		Hercules	543.33462	1.28		
6338			254.497	-45.951	5.9	Open Cluster			NGC 6250	Ara				
6339		HIP 83057	254.5747[	-50.64118	5.534	B9V	6289	152824	If[StringTa	Ara	523.27584	0.016		
6340		HIP 83081	254.6550[	-55.99014	3.076	K3III	6285	152786	ζ Arae	Ara	573.94277	1.552		
6341		HIP 83090	254.6731[	-14.86967	6.466	F3IV/V	6302	153229	64 G. Oph	Ophiuchu:	157.71658	0.391		
6342		HIP 83100	254.7177[	-37.62049	6.048	A3III	6298	153072		Scorpius	268.75516	0.179		
6343		HIP 83114	254.7607[	69.18624(	6.41	M2/3	6345	154319		Draco	284.46770	0.725		
6344		HIP 83138	254.8396[	56.68859[	6.041	K1III:	6330	153956		Draco	296.63337	1.165		
6345		HIP 83150	254.8915(	-69.26815	5.89	ApSi	6276	152564	MX TrA	Triangulur	981.92866	-0.103		
6346		HIP 83153	254.8960[	-53.16043	4.05	K3III	6295	152980	ϵ 1 Arae	Ara	304.10465	1.452		
6347		HIP 83176	254.9904[	-25.09219	5.86	M1/2III	6308	153336	66 G. Oph	Ophiuchu:	482.24872	1.607		
6348		HIP 83187	255.0261(	-54.59717	5.633	A5IV/V	6297	153053		Ara	165.14710	0.194		
6349		HIP 83196	255.0397(	-24.98913	5.731	F3V	6310	153363	26 Oph	Ophiuchu:	108.48600	0.407		
6350		HIP 83202	255.0593[	-44.98853	6.494	F3V		153234		Scorpius	164.97986	0.403		
6351		HIP 83207	255.0723[	30.926404	3.92	A0V	6324	153808	ϵ Herculis	Hercules	162.67471	-0.018		
6352	Alrakis	HIP 83608	255.0889[	54.470027	4.91	F5	6370	154906	μ Draconi:	Draco	87.917997	0.471		
6353			255.1123[	-48.64775	6.22	~	6300	153221A		Ara	388.55955	0.883		
6354		HIP 83235	255.1541[	-35.93413	5.934	K2IIICNII	6311	153368		Scorpius	291.59212	1.161		
6355		HIP 83254	255.2422[	22.632096	5.658	K3III	6325	153834		Hercules	3046.7286	1.332		
6356		HIP 83255	255.2438[	-86.36429	6.035	A1/2IV/V	6139	148542	CW Oct	Octans	598.16458	0.043		
6357	Rasalgeth	HIP 84345	255.2441[	14.390333	2.78	M5Ib-II	6406	156014	α 1 Hercu	Hercules	360.00014	1.164	2.74	4
6358		HIP 83262	255.2650(	-4.222643	4.812	K4III	6318	153687	30 Oph	Ophiuchu:	401.97445	1.483		
6359		HIP 83269	255.2792[	-56.55507	6.38	Ap(Si)		153201		Ara	1181.1603	0.1		
6360		HIP 83289	255.3205[	60.648754	6.143	K1III	6348	154391		Draco	352.81363	1.006		

6361	HIP 83308	255.3877	14.94971	6.31	A0VpSiSrC	6326	153882	V451 Her	Hercules	550.6761	0.031	6.26	6.34
6362	HIP 83313	255.4015	33.56826	5.267	A3IV	6332	154029	59 Her	Hercules	295.0226	0.028		
6363	HIP 83317	255.4171	75.29749	6.18	F2IVnn	6379	155154	VX UMi	UrsaMino	146.4509	0.306	6.48	6.54
6364	HIP 83321	255.4431	-51.1310	6.42	A9III	6312	153370		Ara	323.4126	0.279		
6365	HIP 83323	255.4474	-58.9582	6.11	B2IVne	6304	153261	V828 Ara	Ara	2279.722	-0.124	6.11	6.24
6366	HIP 83331	255.4635	-18.8855	6.293	K1III	6321	153727	29 Oph	Ophiuchu	450.2778	1.351		
6367	HIP 83336	255.4693	-32.1435	5.01	B8V	6316	153613		Scorpius	490.9627	-0.1		
6368	HIP 83342	255.4957	8.450665	6.39	A4V	6329	153914	72 G. Oph	Ophiuchu	379.0696	0.091		
6369	HIP 83359	255.5656	64.60074	6.094	G5V	6360	154633		Draco	360.2203	0.96		
6370	HIP 83365	255.5712	31.88410	6.383	K0	6336	154126		Hercules	334.7010	1.134		
6371	HIP 83367	255.5779	25.50561	5.762	G7III:	6333	154084		Hercules	368.7778	1.018		
6372		255.6570	-26.2679	5.57	Globular Cluster			M 19	Ophiuchus				
6373	HIP 83430	255.7827	14.09194	4.98	M3-III	6337	154143	32 Oph	Hercules	409.0356	1.6		
6374	HIP 83431	255.7864	-53.2369	5.278	F5VFe+0.5	6314	153580	ϵ 2 Arae	Ara	85.85735	0.498		
6375	HIP 83462	255.8758	35.41406	6.23	M4III	6346	154356	61 Her	Hercules	693.6174	1.467		
6376	HIP 83478	255.9137	13.60534	5.908	A1V	6341	154228	33 Oph	Hercules	263.3279	0.01		
6377	HIP 83481	255.9236	-47.1605	6.064	A2/3V	6323	153791		Ara	619.7718	0.072		
6378	HIP 83491	255.9622	-38.1525	5.902	F3V	6327	153890	V923 Sco	Scorpius	208.8405	0.409	5.86	6.24
6379	HIP 83493	255.9694	19.69051	6.39	K4III	6343	154301		Hercules	1116.439	1.518		
6380	HIP 83494	255.9732	34.79022	6.07	A6V	6351	154431		Hercules	176.2164	0.2		
6381	HIP 83504	255.9918	13.56742	6.054	K1III	6342	154278	34 Oph	Hercules	337.4753	1.05		
6382	HIP 83535	256.1029	-57.7121	5.727	B4IV	6320	153716		Ara	722.8368	-0.097		
6383	HIP 83565	256.1722	19.59910	6.2	B9V	6352	154441		Hercules	600.3683	0.01		
6384	HIP 83567	256.1888	-20.4947	6.3	B7IV/V	6340	154204	77 G. Oph	Ophiuchu	397.0779	-0.035		
6385	HIP 83574	256.2056	-34.1229	4.87	B2Iab	6334	154090	V1073 Sco	Scorpius	2672.131	0.257		
6386	HIP 83575	256.2073	48.80395	6.106	K1III	6363	154732		Hercules	330.2935	1.091		
6387	HIP 83593	256.2705	43.81223	6.441	A3IV	6362	154713		Hercules	469.7400	0.099		
6388	HIP 83594	256.2723	-45.5021	6.268	A2V	6331	154025		Scorpius	318.9826	0.074		
6389	HIP 83608	256.3338	54.47002	5.66	F6V	6370	154906		Draco	87.91799	0.471		
6390	HIP 83608	256.3342	54.47063	5.69	F6V	6369	154905		Draco	87.91799	0.471		

6391		HIP 83613	256.3445	12.74082	4.871	A3V	6355	154494	60 Her	Hercules	143.7390	0.125		
6392		HIP 83635	256.3844	-0.89206	5.61	B1V	6353	154445	82 G. Oph	Ophiuchu	765.2592	0.104		
6393		HIP 83650	256.4519	-44.1050	6.178	F1VkA3m	6338	154153		Scorpius	215.0397	0.281		
6394		HIP 83677	256.5401	9.73386	6.375	K5III	6358	154610	83 G. Oph	Ophiuchu	603.7033	1.458		
6395		HIP 83684	256.5491	-21.5645	6.282	A1mA2-A	6350	154418	28 Sco	Ophiuchu	320.5507	0.128		
6396		HIP 83688	256.5543	10.4538	6.38	G8III-IV	6359	154619		Ophiuchu	380.8398	0.896		
6397		HIP 83692	256.5751	22.0841	5.565	K3III	6364	154733		Hercules	357.8470	1.299		
6398		HIP 83693	256.5841	-37.2275	5.98	A2IV	6344	154310		Scorpius	421.7333	0.076		
6399		HIP 83706	256.6182	-35.4510	6.13	O9.5Iab	6347	154368		Scorpius	1194.138	0.438		
6400		HIP 83738	256.7206	-1.6561	6.351	A5V	6361	154660	84 G. Oph	Ophiuchu	286.4677	0.209		
6401		HIP 83740	256.7217	-26.5130	6.251	B8/9II	6354	154481	80 G. Oph	Ophiuchu	1293.649	-0.038		
6402		HIP 83816	256.9444	40.5160	6.36	A2IV	6376	155102		Hercules	478.0074	0.032		
6403		HIP 83834	257.0028	31.2061	6.44	K2		155061		Hercules	1021.945	1.285		
6404		HIP 83838	257.0085	35.9351	5.39	kA5hF0Vn	6377	155103		Hercules	175.7414	0.309		
6405			257.0568	-1.0794	6.32	A1V	6367	154895A		Ophiuchu	271.6666	0.074		
6406		HIP 83854	257.0618	-17.6090	5.977	K0III	6365	154779	85 G. Oph	Ophiuchu	400.9834	1.011		
6407		HIP 83857	257.0711	50.8422	6.453	A1V	6383	155328		Draco	689.2164	-0.017		
6408	Aldhibah	HIP 83895	257.1966	65.7146	3.17	B8III	6396	155763	ζ Draconis	Draco	339.5845	-0.12		
6409		HIP 83896	257.1980	-30.4037	5.911	Fm_dD	6366	154783		Scorpius	266.9944	0.276		
6410		HIP 83906	257.2271	-3.8829	6.356	G8IV(+A)	6372	154962	87 G. Oph	Ophiuchu	115.3574	0.697		
6411		HIP 83947	257.3885	40.7770	5.065	K3III	6388	155410		Hercules	277.9199	1.275		
6412		HIP 83962	257.4497	-10.5232	5.43	F5IV/V	6375	155078	88 G. Oph	Ophiuchu	131.5045	0.465		
6413		HIP 83984	257.5261	-61.6754	6.366	B8IV	6356	154555		Ara	1448.887	-0.049		
6414		HIP 84012	257.5943	-15.7251	3.26	A3(V)	6378	155125	* eta Oph	Ophiuchu	84.0855	0.059		
6415	Sabik	HIP 84012	257.5944	-15.7251	2.463	A2(V)	6378	155125	* eta Oph	Ophiuchu	84.0855	0.059		
6416	Sabik	HIP 84012	257.5945	-15.7249	2.42	A2IV-V	6378	155125	η Ophiuch	Ophiuchu	84.0855	0.059		
6417		HIP 84021	257.6276	52.4087	6.296	B9III	6395	155711		Draco	423.9272	-0.025		
6418		HIP 84033	257.6763	-44.5576	5.08	G8/K0III+(	6371	154948		Scorpius	299.9080	0.867		
6419		HIP 84054	257.7631	24.2376	6.2	A8V	6391	155514	63 Her	Hercules	285.7143	0.227	6.19	6.23
6420		HIP 84105	257.9111	-48.8733	5.98	M1/2III	6374	155035	V854 Ara	Ara	829.5170	1.786		

6421		HIP 84108	257.9178(	49.74635	6.16	A5III	6399	155860		Hercules	315.5857	0.185		
6422		HIP 84113	257.9384	7.8947618	6.333	K0III	6390	155500	97 G. Oph	Ophiuchu	401.9744	1.04		
6423		HIP 84143	258.0383(	-43.23918	3.33	F5IV	6380	155203	η Scorpii	Scorpius	71.55410	0.441		
6424		HIP 84147	258.0567	-25.25514	6.499	A0V	6386	155379		Ophiuchu	370.0329(	-0.037		
6425		HIP 8415(	258.0675	-39.50694	5.655	A0/1V	6381	155259		Scorpius	210.8669	0.042		
6426		HIP 84151	258.0690	-38.82253	6.285	K0.5IIICN(	6382	155276		Scorpius	369.6156	1.05		
6427		HIP 84158	258.0830	-70.72108	6.214	K1IVCNIII	6357	154556		Apus	227.9722	1.062		
6428		HIP 84175	258.1044	-27.76212	6.117	B9V(n)	6387	155401	95 G. Oph	Ophiuchu	546.0632	-0.048		
6429		HIP 84177	258.1158	10.58515	5.34	M2III	6393	155644	37 Oph	Ophiuchu	776.1899	1.593		
6430		HIP 84183	258.1357	62.87433	5.54	A7V	6421	156295		Draco	135.7767(	0.216		
6431		HIP 84226	258.2439	-32.43833	5.997	B1Ib	6389	155450		Scorpius	3747.143	0.071		
6432		HIP 84248	258.3244	-67.19659	5.873	K0/1III	6368	154903		Ara	326.6521	1.07		
6433		HIP 84311	258.5558	-56.88853	6.105	M1/2II/III	6384	155341		Ara	1283.465	1.728	6.09	6.2
6434		HIP 84332	258.6152	-39.76664	6.44	K0Ia-0	6392	155603		Scorpius	5946.335	2.282	6.22	6.64
6435		HIP 84345	258.6618	14.39037	3.33	M5Ib-II	6406	156014		Hercules	360.0001	1.164	2.74	4
6436		HIP 84345	258.6632	14.39000	5.322	G5III+F2V	6407	156015		Hercules	360.0001	1.164	2.74	4
6437	Sarin	HIP 84379	258.7579(	24.83920(	3.13	A1IVn	6410	156164	δ Herculis	Hercules	78.45976	0.08		
6438		HIP 8438(	258.7618(	36.80916	3.18	K3II	6418	156283	π Herculis	Hercules	366.7044	1.437		
6439		HIP 84401	258.8301	-33.54841	5.53	O7.5V((f))	6397	155806		Scorpius	4465.745	-0.056		
6440		HIP 84402	258.8345(	-14.58416	6.004	K1III	6404	155970	105 G. Op	Ophiuchu	306.6794(	1.096		
6441	Guniibuu	HIP 84405	258.8365	-26.60169	5.08	K2V	6402	155886	* 36 Oph A	Ophiuchu	19.50001	0.855		
6442		HIP 84405	258.8374	-26.60282	5.03	K1V	6401	155885	* 36 Oph I	Ophiuchus				
6443		HIP 84425	258.8995	-38.59393	5.95	G0V	6398	155826		Scorpius	99.99989	0.58		
6444		HIP 84431	258.9227	23.74275	5.975	K2III	6419	156284		Hercules	745.9958	1.335		
6445		HIP 84445	258.9639	-30.21073	6.184	B9/9.5V	6403	155940		Scorpius	370.0329(	-0.027		
6446		HIP 84478	259.0556	-26.54614	6.34	K5V		156026	36 Oph C	Ophiuchu	19.50001	1.144	6.26	6.34
6447		HIP 84479	259.0594	2.1862028	6.18	A1IV	6412	156208	V2368 Op	Ophiuchu	588.4465	0.235		
6448		HIP 84489	259.0900	-35.75029	6.12	F5.5V	6405	155974		Scorpius	105.0597	0.479		
6449		HIP 84496	259.1224	60.67061	6.318	K1.5IIIb	6448	156947	VW Dra	Draco	482.2487	1.09	6	7
6450		HIP 8450(	259.1321	1.2105551	5.921	B3V	6414	156247	U Oph	Ophiuchu	605.9494	0.023	5.84	6.56

6451	HIP 84510	259.1485	-74.53301	6.227	A0V	6373	154972		Apus	324.0558	-0.004		
6452	HIP 84514	259.1528	-0.445310	4.79	~	6415	156266	* 41 Oph A	Ophiuchu	217.7690	1.119		
6453	HIP 84524	259.1781	-6.244975	6.084	K0III	6413	156227	109 G. Op	Ophiuchu	406.9915	1.1		
6454	HIP 84535	259.2350	89.037705	6.38	M1III	7394	183030	λ Ursae M	UrsaMino	876.3437	1.575		
6455	HIP 84551	259.2651	-32.66283	5.526	F6V	6409	156098		Scorpius	164.6466	0.514		
6456	HIP 84556	259.2730	-44.77859	6.487	B0.5Ib		155985		Scorpius	3638.921	0.187		
6457	HIP 84573	259.3315	33.100102	4.8	B2V	6431	156633	68 Her	Hercules	864.7218	-0.166		
6458		259.35	-35.55	6.5	UV-src			[SC96] GC	Sagittarius				
6459	HIP 84599	259.3993	23.090625	6.22	K2	6430	156593		Hercules	1781.421	1.544		
6460	HIP 84606	259.4177	37.291506	4.65	A2V	6436	156729	69 Her	Hercules	177.7535	0.043		
6461	HIP 84626	259.5028	-24.28690	5.11	G8III	6424	156349	o 1 Ophiu	Ophiuchu	363.0304	1.046		
6462	HIP 84631	259.5205	17.317883	5.992	A1V	6432	156653		Hercules	401.4789	0.015		
6463	HIP 84649	259.5803	-16.31187	6.43	M2-IIICa1	6428	156462	115 G. Op	Ophiuchu	804.9399	1.691		
6464	HIP 84650	259.5854	-32.55310	6.367	B6Vne	6422	156325	V1077 Sco	Scorpius	1258.686	0.109		
6465	HIP 84656	259.5969	38.811401	5.962	G7III:	6444	156891		Hercules	319.6079	1.011		
6466	HIP 84671	259.6541	10.864475	5.02	K4II-III	6433	156681	66 Her	Ophiuchu	690.6769	1.539		
6467	HIP 84690	259.6992	-44.12974	5.736	B9V	6420	156293		Scorpius	338.8771	-0.049		
6468		259.7	-42.9167	5.38	~			[SC96] Mi	Scorpius				
6469	HIP 84691	259.7021	28.822966	5.68	K0III	6443	156874		Hercules	318.3596	0.981		
6470	HIP 84700	259.7154	-62.87457	6.49	K1III		155951		Ara	542.4283	1.087		
6471		259.7350	-34.98957	6.37	K3	6426	156384A		Scorpius	22.72570	1.082		
6472	HIP 84709	259.7381	-34.98976	5.89	K3V+K5V	6426	156384	Gliese 667	Scorpius	22.72570	1.082		
6473	HIP 84720	259.7659	-46.63623	5.48	G9V	6416	156274	41 G. Ara	Ara	28.64423	0.764		
6474	HIP 84731	259.8021	-59.69461	5.894	K2IIIaCN1	6408	156091		Ara	2050.315	1.389		
6475	HIP 84759	259.8771	-50.06376	6.267	F3IV/V	6423	156331		Ara	181.6156	0.413		
6476	HIP 84769	259.9046	80.136400	5.706	K5III	6529	158996		UrsaMino	990.8806	1.499		
6477		259.9722	-17.75654	6.34	~	6435	156717A		Ophiuchu	372.9963	0.04		
6478	HIP 84801	259.9981	-5.917506	6.32	K0V	6439	156826	122 G. Op	Ophiuchu	173.9595	0.85		
6479	HIP 84821	260.0409	25.537603	5.357	A3III	6455	157087		Hercules	502.3107	0.063		
6480	HIP 84833	260.0786	18.057079	5	M2III	6452	157049	V656 Her	Hercules	472.4654	1.654	4.9	5.1

6481	HIP 84835	260.0880(	46.24077	5.59	M0III	6464	157325	74 Her	Hercules	575.9704	1.586		
6482	HIP 84862	260.1648(	32.46774	5.39	G0V	6458	157214	72 Her	Hercules	46.91990(	0.619		
6483	HIP 8488(	260.2069	-12.84687	4.324	A0/1V	6446	156928	ν Serpent	Serpens	193.3572(	0.037		
6484	HIP 84883	260.2192	-10.69641	6.454	A9/F0IV	6449	156971	2 G. Ser C	Serpens	153.8463	0.326		
6485	HIP 84887	260.2258	24.49943	5.12	A2V	6457	157198	70 Her	Hercules	462.4116	0		
6486	HIP 84893	260.2515(	-21.11293	4.387	F2V	6445	156897	ξ Ophiuch	Ophiuchu	56.71555(	0.394		
6487	HIP 84934	260.3801	28.75808	6.397	G0IVHdel-	6466	157358		Hercules	535.3052	0.724		
6488	HIP 84938	260.3893	16.73122	6.34	M2III	6463	157257		Hercules	742.5956	1.608		
6489	HIP 84947	260.4231	-24.90610	6.36	K3III		156992	32 Sco	Ophiuchu	642.9993	1.399		
6490	HIP 84949	260.4317	39.97466	5.561	F7V	6469	157482	V819 Her	Hercules	209.9163	0.667	5.51	5.63
6491	HIP 8495(	260.4390	53.42043(	5.677	K4III	6479	157681		Draco	590.5785	1.463		
6492	HIP 84969	260.4978	-67.77066	4.78	K2-III	6417	156277	ζ Apodis	Apus	311.6636	1.194		
6493	HIP 8497(	260.5024	-24.99954	3.26	OB	6453	157056	θ Ophiuch	Ophiuchu	563.0413	-0.186	3.25	3.31
6494	HIP 84979	260.5244	-70.12320	5.39	B8/9V(n)	6411	156190	ι Apodis	Apus	1143.859	-0.042		
6495	HIP 85019	260.6581	-35.91058	6.419	F9V:	6454	157060		Scorpius	120.6066	0.541		
6496	HIP 8502(	260.6634(	-37.80463	6.44	B3Iap	6450	157038		Scorpius	7658.053	0.682	6.27	6.35
6497	HIP 85042	260.7136	-2.388177	6.278	G3V	6465	157347	131 G. Op	Ophiuchu	63.43637	0.68		
6498	HIP 85048	260.7281	-37.22078	5.914	K1III	6456	157097		Scorpius	420.6444	1.075		
6499	HIP 85049	260.7300	-58.01032	5.87	G8Ib/II	6438	156768		Ara	785.5429	1.075		
6500	HIP 85068	260.7796	-56.52554	5.763	G8/K0III	6442	156854		Ara	408.5205	0.994		
6501	HIP 85079	260.8169	-47.46819	5.25	B1V	6451	157042	ι Arae	Ara	721.2394	-0.097	5.18	5.26
6502	HIP 85084	260.8399(	-28.14283	5.288	K4/5III	6459	157236	43 Oph	Ophiuchu	599.2664(	1.549		
6503	HIP 85112	260.9196	37.14678	5.398	A0Vn	6484	157778	* rho Her	Hercules	401.4789	-0.011		
6504	HIP 85112	260.9205(	37.14592	4.51	B9.5III	6485	157779	* rho Her	Hercules	401.4789	-0.011		
6505	HIP 85112	260.9206(	37.14594	4.17	A0III+B9.5	6484	157778	ρ Herculis	Hercules	401.4789	-0.011		
6506	HIP 85139	260.9900(	8.852570	5.763	K1III	6476	157617	134 G. Op	Ophiuchu	1075.907	1.251		
6507	HIP 85147	261.0044	-62.86415	5.676	B2III	6440	156838		Ara	1638.192	-0.147		
6508	HIP 85157	261.0274	22.96028	5.72	A7V	6480	157728	73 Her	Hercules	139.4951	0.229		
6509	HIP 85162	261.0544	-44.16258	5.108	B5/6III	6460	157243		Scorpius	756.3822	-0.052		
6510		261.0713	69.94653	4.89	X-ray src			RX J1724.3	Draco		0.48		

6511	HIP 85169	261.0783	-60.67379	5.754	B8Ib/II	6447	156942		Ara	705.6272	-0.067		
6512	HIP 85181	261.1129	36.95193	6.253	G5III	6491	157910		Hercules	683.4396	0.884		
6513	HIP 85185	261.1314	16.30100	5.736	A3V	6481	157740		Hercules	431.7871	0.074		
6514	HIP 85187	261.1408	15.60604	6.41	B9V	6482	157741		Hercules	486.5682	-0.017		
6515	HIP 85195	261.1543	-18.44576	6.334	B9IIIe	6473	157546	133 G. Op	Ophiuchu	695.0974	0.046		
6516	HIP 85207	261.1751	-21.44148	5.83	K0III	6472	157527	132 G. Op	Ophiuchu	301.5726	0.939		
6517	HIP 85237	261.2611	-34.69606	6.142	ApSiCr	6470	157486		Scorpius	505.4273	0.046		
6518	HIP 85242	261.2760	-24.24368	6.171	K0III	6474	157588	33 Sco	Ophiuchu	424.4782	1.103		
6519	HIP 85258	261.3249	-55.52988	2.85	K0/1Ib	6461	157244	β Arae	Ara	602.5884	1.479		
6520	HIP 85267	261.3485	-56.37772	3.34	B1Ib	6462	157246	γ Arae	Ara	1135.888	-0.15		
6521	HIP 85268	261.3502	52.79068	6.47	G5VmF9		158259		Draco	88.58694	0.619		
6522	HIP 85290	261.4223	60.04839	5.645	A1Vn	6511	158460		Draco	340.2919	0.024		
6523	HIP 85302	261.4765	16.91757	5.98	M4-5III	6495	157967	V640 Her	Hercules	652.0002	1.528	5.98	6.21
6524	HIP 85307	261.4911	-1.65177	6.44	F5V	6489	157856	138 G. Op	Ophiuchu	201.3588	0.457		
6525	HIP 85312	261.5001	-50.63350	5.193	G8III	6468	157457	κ Arae	Ara	398.0461	1.055		
6526	HIP 85313	261.5036	26.87873	6.39	A5IV	6499	158067		Hercules	676.3491	0.124		
6527	HIP 85317	261.5201	58.65189	6.494	A4V	6514	158485		Draco	356.2855	0.139		
6528	HIP 85333	261.5791	7.595640	6.04	A1IVs+A2	6497	157978	142 G. Op	Ophiuchu	825.3182	0.592		
6529	HIP 85340	261.5925	-24.17530	4.153	kA5hA9m	6486	157792	44 Oph	Ophiuchu	83.67576	0.283		
6530	HIP 85355	261.6286	4.140359	4.31	K2II	6498	157999	σ Ophiuch	Ophiuchu	1172.661	1.48		
6531	HIP 85365	261.6578	-5.086598	4.54	F3V	6493	157950		Ophiuchu	97.95685	0.385		
6532	HIP 85379	261.6843	48.26006	5.83	A4V	6509	158414	77 Her	Hercules	363.0304	0.121		
6533	HIP 85382	261.6922	34.69580	5.94	A0V	6506	158261		Hercules	280.3095	-0.017		
6534	HIP 85385	261.7047	20.08097	5.514	B5V	6502	158148		Hercules	469.7400	-0.119		
6535	HIP 85389	261.7157	-45.84321	6.47	B9V	6477	157661B		Ara	599.2664	-0.058		
6536	HIP 85389	261.7165	-45.84303	5.64	B8V	6477	157661A		Ara	599.2664	-0.058		
6537	HIP 85391	261.7304	-25.94346	6.43	B9.5/A0V	6490	157864	136 G. Op	Ophiuchu	422.8286	-0.055		
6538	HIP 85393	261.7348	-51.94882	6.17	B8V	6475	157599		Ara	494.6888	-0.039		
6539	HIP 85397	261.7589	-12.51248	6.206	F7V	6496	157968	47 Oph	Serpens	147.6451	0.517		
6540	HIP 85405	261.7911	-15.85336	6.48	K0II/III		157969	4 G. Ser C	Serpens	466.3823	1.146		

6541		HIP 85409	261.80192	-50.63037	5.898	B9II	6478	157662		Ara	1671.797(	0.063		
6542		HIP 85423	261.83864	-29.86703	4.269	F5III-IV	6492	157919	45 Oph	Ophiuchu	111.41478	0.402		
6543		HIP 85442	261.90647	-29.72456	5.974	B9.5IV	6494	157955	140 G. Op	Ophiuchu	599.2664(	0.01		
6544		HIP 85450	261.93365	8.442037	6.485	M0		158228	V2114 Op	Ophiuchu	823.2318(	1.66	6.4	6.51
6545		HIP 85470	261.99000	-52.29714	5.723	K2III	6483	157753		Ara	312.26052	1.169		
6546		HIP 85474	262.00974	-8.208376	6.372	F7V	6504	158170	144 G. Op	Ophiuchu	297.17422	0.57		
6547		HIP 85480	262.03277	-63.03624	6.208	B7/8V	6471	157524		Ara	781.77437	-0.073		
6548		HIP 85537	262.20689	0.330624	5.412	A8Vp	6507	158352	146 G. Op	Ophiuchu	205.54862	0.237		
6549		HIP 85543	262.23370	-36.77828	5.985	K0III	6501	158105		Scorpius	636.72062	1.112		
6550		HIP 85549	262.25359	-43.97391	6.3	B5III		158042		Scorpius	1516.2787	-0.01		
6551			262.44728	-5.919481	6.46	~	6512	158463A		Ophiuchu	234.87038	0.93		
6552		HIP 85666	262.59438	11.92401(	6.48	A1V	6521	158716		Ophiuchu	309.00476	0.056		
6553		HIP 85667	262.59897	-1.062584	6.089	~	6516	158614B	Gliese 678	Ophiuchu	53.618554	0.715		
6554			262.59916	-1.063021	5.981	~	6516	158614A		Ophiuchu	53.618554	0.715		
6555	Rastaban	HIP 85670	262.60817	52.301388	2.81	G2Ib-IIa	6536	159181	β Draconi	Draco	361.42003	0.954		
6556		HIP 85688	262.66753	38.882204	6.431	F6IVn	6531	159026		Hercules	990.88062	0.51		
6557		HIP 85692	262.68156	57.876824	6.21	K2III	6540	159330		Draco	1156.029(	1.397		
6558	Maasym	HIP 85693	262.68462	26.110645	4.41	K3.5III	6526	158899	λ Herculis	Hercules	370.00014	0.931		
6559	Lesath	HIP 85696	262.69098	-37.29581	2.65	B2IV	6508	158408	υ Scorpii	Scorpius	518.28477	-0.179		
6560		HIP 85699	262.69828	86.968047	5.756	kA2hA9m	6811	166926	24 UMi	UrsaMino	156.13025	0.239		
6561		HIP 85715	262.73072	31.158138	5.633	G8III	6528	158974		Hercules	376.87896	0.96		
6562		HIP 85727	262.77464	-60.68384	3.62	B8Vn	6500	158094	δ Arae	Ara	187.14135	-0.104		
6563		HIP 85749	262.83889	2.724514	5.58	G8III+A/F	6524	158837	152 G. Op	Ophiuchu	372.57250	0.844		
6564		HIP 85751	262.84701	-56.92096	5.984	B7II/III	6505	158220	V862 Ara	Ara	2144.7384	-0.045		
6565		HIP 85755	262.85397	-23.96264	4.81	A0V	6519	158643	51 Oph	Ophiuchu	426.14410	0.016		
6566		HIP 85760	262.86444	-80.85913	5.856	M3III	6429	156513	NO Aps	Apus	810.94485	1.617	5.71	5.95
6567		HIP 85783	262.93489	-26.26971	6.052	B9pHgMn	6520	158704	151 G. Op	Ophiuchu	436.41310	-0.065		
6568		HIP 85786	262.94732	-33.70315	6.413	K2III	6517	158619		Scorpius	400.98341	1.191		
6569		HIP 85788	262.95457	-46.03678	6.028	F8/G0Ib	6513	158476		Ara	2012.3465	0.805		
6570		HIP 85790	262.95658	28.407500	5.65	A1V	6533	159139	78 Her	Hercules	274.87352	-0.001		

6571		HIP 85792	262.96038	-49.87614	2.95	B2Vne	6510	158427	α Arae	Ara	242.19918	-0.136		
6572		HIP 85805	262.99112	68.13502	5.074	G9IIIb	6566	159966	27 Dra	Draco	217.04403	1.077		
6573	Yildun	HIP 85822	263.05415	86.58645	4.336	A1Van	6789	166205	δ Ursae M	UrsaMino	182.63308	0.021		
6574		HIP 85826	263.06200	11.93004	6.45	B9.5V	6532	159082		Ophiuchu	494.68888	-0.013		
6575		HIP 85839	263.10261	-34.27940	6.158	F2IV	6522	158741		Scorpius	341.36125	0.36	6.13	6.18
6576		HIP 85888	263.28023	41.24345	5.726	K1III:	6550	159501		Hercules	378.18948	1.089		
6577		HIP 85889	263.28078	-41.17306	5.838	B9III	6523	158799		Scorpius	981.92866	0.041		
6578		HIP 85912	263.34510	19.25667	5.648	F4V	6541	159332		Hercules	119.58923	0.505		
6579		HIP 85922	263.37435	-5.744803	5.607	A5V	6534	159170	153 G. Op	Ophiuchu	157.79287	0.187		
6580	Shaula	HIP 85927	263.40216	-37.10382	1.63	B2IV+DA7	6527	158926	λ Scorpii	Scorpius	571.20228	-0.231	1.62	1.68
6581		HIP 85930	263.41412	16.31754	5.672	K0III	6542	159353		Hercules	319.60791	1.002		
6582		HIP 85934	263.42825	14.84159	6.48	M4III	6543	159354	V642 Her	Hercules	719.64852	1.595	6.41	6.56
6583		HIP 85975	263.57023	-48.52679	6.32	G6/8III		158907		Ara	470.41818	0.953		
6584		HIP 85998	263.65289	9.586696	5.81	A2V	6548	159480	53 Oph	Ophiuchu	341.71985	0.04		
6585		HIP 86011	263.67705	-32.58166	5.7	O7V	6535	159176		Scorpius	3395.8454	0.045	5.71	5.79
6586		HIP 86019	263.69313	-11.24199	5.535	B9V	6544	159358	6 G. Ser C	Serpens	376.87896	0.013		
6587	Rasalhagu	HIP 86032	263.73362	12.56003	2.07	A5IVnn	6556	159561	α Ophiuch	Ophiuchu	46.678010	0.155		
6588		HIP 86036	263.74843	61.87451	5.21	G0IV-V	6573	160269	26 Dra	Draco	45.928528	0.602		
6589		HIP 86060	263.82708	-22.04382	6.481	ApSi	6545	159376	52 Oph	Ophiuchu	883.47011	0.011	6.57	6.611
6590		HIP 86064	263.83294	-53.35292	6.08	B9III	6530	159018		Ara	1072.3676	0.025		
6591		HIP 86088	263.89585	-59.84612	6.257	B5II/III	6525	158895		Ara	1399.1436	-0.081		
6592			263.9	-37.4	6.32	~			[SC96] Mi	Scorpius				
6593			263.9	-37.4	6.32	~			[SC96] GC	Scorpius				
6594		HIP 86092	263.91496	-46.50568	4.59	A0V	6537	159217	σ Arae	Ara	385.34192	-0.02		
6595		HIP 86096	263.92654	37.30159	6.122	G9III	6563	159925		Hercules	425.03243	0.978		
6596		HIP 86098	263.92948	-37.43987	6.463	A0V	6539	159312		Scorpius	338.17297	0.006		
6597		HIP 86118	263.99815	20.99624	6.1	A7IV	6559	159834		Hercules	383.52936	0.184		
6598		HIP 86130	264.03375	28.18509	6.39	K5	6564	159926		Hercules	419.56215	1.367		
6599		HIP 86153	264.08924	27.56663	6.406	M4III		159968	V959 Her	Hercules	964.49743	1.586		
6600		HIP 86170	264.13685	-38.63524	4.267	G8/K0III/I	6546	159433	Q Sco	Scorpius	143.99295	1.075		

6601		HIP 86178	264.1531(	30.78517(	6.05	A6IV	6570	160054		Hercules	216.3239(	0.158
6602		HIP 86182	264.1568	48.58563	5.353	K1III	6574	160290	82 Her	Hercules	328.9602(	1.142
6603		HIP 86201	264.2378	68.75796	4.77	F4V	6596	160922	ω Draconi	Draco	76.49005	0.43
6604		HIP 86219	264.2870	72.45579	5.869	G9III	6606	161178		Draco	320.5506	1.016
6605			264.3279(	-42.99656	5.4	~		159532B	* tet Sco E	Scorpius		
6606	Sargas	HIP 86228	264.3297(	-42.99782	1.85	F1III	6553	159532	θ Scorpii	Scorpius	271.8932	0.406
6607		HIP 86246	264.3621(	-38.06636	6.27	G2Ib	6557	159633		Scorpius	2834.782	1.244
6608		HIP 86248	264.3637	-50.05970	5.878	K0III	6547	159463		Ara	345.7068	1.109
6609		HIP 86254	264.3796	24.31000(	5.76	A2Vn	6571	160181	79 Her	Hercules	239.8823(	0.114
6610		HIP 86263	264.3966(	-15.39855	3.519	A9IIIpSr:	6561	159876	ξ Serpenti	Serpens	105.3994	0.262
6611			264.4006	-3.24592	5.73	Globular Cluster			M 14	Ophiuchus		
6612		HIP 86266	264.4008	-15.57103	5.94	F0IV	6562	159877	9 G. Ser C	Serpens	2672.131(	0.357
6613		HIP 86284	264.4613(	-8.118771	4.62	B8II((Mn))	6567	159975	μ Ophiuch	Ophiuchu	548.8212(	0.132
6614		HIP 86305	264.5229	-54.50043	5.242	A5IV/V	6549	159492	π Arae	Ara	137.4947	0.195
6615		HIP 86311	264.5351	-42.88027	6.078	B8/9V	6558	159707		Scorpius	692.1439(	-0.057
6616		HIP 86313	264.5396(	-10.92626	5.727	K1III	6568	160018	10 G. Ser (	Serpens	425.0324	1.228
6617		HIP 86352	264.6868	-21.91268	6.2	G6III/IV		160042	2 Sgr	Ophiuchu	337.4753	0.827
6618		HIP 86373	264.7410(	13.32925	6.123	F6III	6577	160365		Ophiuchu	305.2436	0.567
6619		HIP 86391	264.7854	2.028049	6.253	K0III	6575	160315	159 G. Op	Ophiuchu	387.1740	1.021
6620		HIP 86414	264.8661	46.00633	3.8	B3IV	6588	160762	ι Herculis	Hercules	495.4419	-0.179
6621		HIP 86462	264.9896	31.20246	6.03	M2III	6584	160677		Hercules	532.6809	1.599
6622		HIP 86476	265.0497	-2.152297	6.17	M2III	6578	160471	162 G. Op	Ophiuchu	544.2409(	1.608
6623		HIP 86486	265.0992	-49.41558	4.77	F4V	6569	160032	λ Arae	Ara	71.30373	0.415
6624		HIP 86501	265.1564	43.47066	6.33	K2	6599	160950		Hercules	387.6337(	1.199
6625		HIP 86506	265.1716	31.28747	6.309	K0III	6591	160822		Hercules	402.9654	1.075
6626			265.1753	-53.67433	5.17	Globular Cluster			NGC 6397	Ara		
6627		HIP 86510	265.1854	-67.85417	6.48	G8III		159558		Apus	379.0696	0.999
6628		HIP 86527	265.2439	-32.21446	5.6	K2IbHdel1		160371	BM Sco	Scorpius	1530.518	1.673
6629		HIP 86537	265.2728	24.51325	6.374	K2IIIa	6592	160835		Hercules	668.0329	1.204
6630		HIP 86546	265.2957	15.17837	6.332	A1V	6589	160765		Hercules	420.1033	0.04

6631		HIP 86552	265.31767	-46.92183	5.79	A0V	6572	160263		Ara	659.91878	-0.004		
6632		HIP 86561	265.34082	51.81814	5.994	K0III:	6607	161193		Draco	331.63666	1.068		
6633		HIP 86565	265.35363	-12.87530	4.228	A2Va	6581	160613	ο Serpent	Serpens	167.95461	0.086	4.26	4.27
6634		HIP 86575	265.38468	6.313157	5.952	G7III	6590	160781	164 G. Op	Ophiuchu	1239.5437	1.271		
6635	Dziban	HIP 86614	265.48359	72.14886	4.55	F5IV-V	6636	162003	ψ 1 Draco	Draco	71.837711	0.434		
6636		HIP 86614	265.4875	72.1528	4.58	~	6636	162003	* psi01 Dr	Draco	71.837711	0.434		
6637		HIP 86620	265.49209	72.15690	5.53	F8V	6637	162004	ψ 1 Draco	Draco	72.767789	0.53		
6638		HIP 86623	265.49429	15.95243	5.54	F4Vw	6594	160910		Hercules	115.80829	0.387		
6639		HIP 86628	265.51508	-50.51070	6.35	M3+II-III	6576	160342	V626 Ara	Ara	1481.8172	1.661	6.23	6.46
6640		HIP 86667	265.61817	24.56405	5.558	K4III	6602	161074	83 Her	Hercules	365.47221	1.436		
6641		HIP 86670	265.62198	-39.02998	2.386	B1.5III	6580	160578	κ Scorpii	Scorpius	463.72865	-0.171	2.41	2.42
6642		HIP 86698	265.71290	-36.94556	5.52	K5III	6583	160668		Scorpius	541.52858	1.553		
6643		HIP 86713	265.77310	44.08432	6.376	K4III	6612	161369		Hercules	1220.9747	1.521		
6644		HIP 86716	265.77859	-33.05128	6.45	M1III	6587	160748		Scorpius	2672.1316	1.813		
6645		HIP 86725	265.82378	-27.88397	6.41	F0III/IV	6593	160839	163 G. Op	Ophiuchu	2936.9383	0.438		
6646		HIP 86731	265.83985	24.32782	5.729	G2IIIb	6608	161239	84 Her	Hercules	124.76090	0.683		
6647		HIP 86732	265.84176	14.29516	6.211	F5III	6604	161149		Hercules	371.29784	0.426		
6648		HIP 86736	265.85747	-21.68319	4.861	F5V	6595	160915	58 Oph	Ophiuchu	57.193145	0.469		
6649	Cebalrai	HIP 86742	265.86813	4.567303	2.75	K2IIICN0.5	6603	161096	β Ophiuch	Ophiuchu	81.950897	1.168		
6650		HIP 86768	265.94592	-7.079609	6.32	B3II/III	6601	161056	167 G. Op	Ophiuchu	1393.1615	0.324		
6651		HIP 86769	265.95170	-13.50869	6.363	F0V	6600	161023	12 G. Ser (	Serpens	139.13783	0.384		
6652	Alruba	HIP 86782	265.99653	53.80170	5.76	A2V	6618	161693		Draco	412.65747	0.017		
6653	Cervantes	HIP 86796	266.03626	-51.83405	5.15	G3IV-V	6585	160691	μ Arae	Ara	49.836721	0.7		
6654		HIP 86809	266.07186	14.41006	6.194	A3m	6611	161321	V624 Her	Hercules	470.41817	0.211	6.18	6.36
6655		HIP 86831	266.14204	2.579447	6.18	A0IV	6609	161270	61 Oph	Ophiuchu	459.80361	0.131		
6656		HIP 86847	266.17503	-42.72931	5.871	A3IVn	6597	160928		Scorpius	268.97716	0.163		
6657		HIP 86871	266.23276	-57.54554	5.964	G8III	6586	160720		Pavo	405.97773	0.912		
6658		HIP 86925	266.41764	31.50467	6.24	A0Ib	6619	161695		Hercules	4075.0014	0.008		
6659		HIP 86929	266.43328	-64.72387	3.581	K2II	6582	160635	η Pavonis	Pavo	370.87730	1.161		
6660		HIP 86974	266.61478	27.72071	3.42	G5IV	6623	161797	μ Herculis	Hercules	27.383462	0.75		

6661		HIP 87042	266.7803	-38.11217	6.4	B9V	6613	161390		Scorpius	381.2864	-0.02		
6662		HIP 87043	266.7807	-59.99433	6.5	F2V		161032		Pavo	346.0719	0.321		
6663		HIP 87045	266.7834	47.61224	6.465	A2Vs	6641	162132		Hercules	428.9476	0.095		
6664		HIP 87044	266.7835	17.69702	5.61	A1V	6627	161833		Hercules	367.9465	0.036		
6665			266.7835	17.69701	6.02	~	6627	161833A		Hercules	367.9465	0.036		
6666		HIP 87072	266.8900	-27.83078	4.54	F7II	6616	161592	X Sgr	Sagittariu	1075.907	0.6	4.2	4.9
6667		HIP 87073	266.8961	-40.12699	2.992	F2Ia	6615	161471	ι 1 Scorpii	Scorpius	1791.210	0.509		
6668		HIP 87074	266.9032	-14.72582	5.923	B9pHgMn	6620	161701	13 G. Ser	Serpens	510.1738	0.009		
6669		HIP 87099	266.9399	-22.47779	6.19	G6IbHdel	6617	161664	3 G. Sgr	Sagittariu	1811.113	1.446		
6670	Bake-eo (	HIP 87108	266.9731	2.707279	3.75	A1VnkA0r	6629	161868	γ Ophiuch	Ophiuchu	94.71249	0.043		
6671			267.018	1.525	6.1	Open Cluster			Cl Collinde	Ophiuchus				
6672		HIP 87150	267.0843	3.804213	6.225	B9/A0III	6633	161941	173 G. Op	Ophiuchu	2469.698	0.135		
6673		HIP 87158	267.1031	20.56543	5.687	G5IV	6638	162076		Hercules	250.0000	0.938		
6674		HIP 87163	267.1159	-26.97494	6.35	B3Vn	6621	161756	V3894 Sgr	Sagittariu	1135.888	0.094	6.21	6.39
6675		HIP 87174	267.1585	-55.40173	6.085	F0IV	6614	161420		Ara	166.4964	0.283		
6676		HIP 87192	267.1994	19.25501	6.125	A1V	6642	162161		Hercules	611.6316	0.024		
6677		HIP 87194	267.2047	25.62286	5.1	K0IIIb	6644	162211	87 Her	Hercules	204.5171	1.141		
6678		HIP 87220	267.2936	-31.70320	4.797	B8Ib/II	6628	161840		Scorpius	607.0774	-0.028		
6679		HIP 87224	267.3293	1.961412	6.45	K0/1III	6639	162113	174 G. Op	Ophiuchu	341.7198	1.236		
6680	Fuyue	HIP 87261	267.4645	-37.04327	3.21	K2III	6630	161892		Scorpius	126.7990	1.192		
6681		HIP 87264	267.4708	-61.71470	6.4	B9IV		161475		Pavo	689.2164	-0.049		
6682		HIP 87293	267.5421	78.30653	6.244	K5	6717	164428		Draco	890.7105	1.452		
6683		HIP 87294	267.5462	-40.09043	4.803	A2Ib	6631	161912	ι 2 Scorpii	Scorpius	3704.534	0.259		
6684		HIP 87308	267.5953	29.32214	5.517	K1III	6654	162555		Hercules	266.5575	1.071		
6685		HIP 87314	267.6183	-53.61240	5.71	B2/3Vnn	6622	161783	V539 Ara	Ara	823.2318	-0.099	5.71	6.24
6686		HIP 87335	267.6816	11.94654	6.193	K1III-IV	6650	162468		Ophiuchu	508.5797	1.247		
6687		HIP 87341	267.7015	22.31633	6.13	A9V	6655	162570		Hercules	318.0489	0.242		
6688		HIP 87379	267.7960	-53.13026	6.076	B9.5III/IV	6632	161917	v2 Ara	Ara	507.7875	0.01		
6689			267.8	-30.5667	6.4	~			[SC96] Mi	Scorpius				
6690			267.8	-30.5667	6.4	~			[SC96] GC	Scorpius				

6691			267.85	-35.35	6.29	~			[SC96] Mi	Scorpius				
6692			267.85	-35.35	6.29	~			[SC96] GC	Scorpius				
6693		HIP 8739(	267.8855	-40.77246	5.958	M2III	6643	162189		Scorpius	737.5557	1.572		
6694		HIP 87393	267.8977	-60.16405	5.774	K0III	6624	161814		Pavo	370.8773(	1.008		
6695		HIP 87404	267.9356(	-45.60070	6.087	G6III	6640	162123		Ara	682.0085	0.949		
6696		HIP 87427	267.9935	15.32637	6.42	K0III	6665	162734		Hercules	440.5402(	0.997		
6697		HIP 87428	267.9976	-1.236809	6.332	K0III	6659	162596	176 G. Op	Ophiuchu	444.7489	1.126		
6698		HIP 87434	268.0037	46.64357	6.36	K0III	6674	163075		Hercules	350.1599	1.06		
6699		HIP 87445	268.0196(	39.98208	6.001	K4III	6673	162989		Hercules	698.0738	1.341		
6700		HIP 8746(	268.0569	-34.79919	5.9	B5IVp	6647	162374	V957 Sco	Scorpius	829.5170	-0.111	5.87	5.92
6701		HIP 87472	268.0823	-34.41684	5.85	G8/K0III	6648	162391		Scorpius	744.2941	1.129		
6702		HIP 87491	268.1476(	1.305011(	5.917	K4III	6667	162774	179 G. Op	Ophiuchu	350.5381	1.573		
6703		HIP 87495	268.1612	-6.143576	6.21	G3Ia	6661	162714	Y Oph	Ophiuchu	2859.650	1.25	5.87	6.46
6704		HIP 87516	268.2050	-34.11483	6.06	K1III	6651	162496		Scorpius	696.5807(	1.241		
6705		HIP 87523	268.2190	-41.99652	6.2	F9VFe-0.7	6649	162396		Scorpius	106.7102	0.523		
6706		HIP 87532	268.2400	-35.62430	6.02	F2V	6653	162517		Scorpius	209.3771	0.342		
6707		HIP 8754(	268.2647	-10.89956	6.176	K1V	6666	162757	14 G. Ser	Serpens	273.0319	1.11		
6708		HIP 87558	268.3091(	6.101422	5.759	F4IV-V	6670	162917	180 G. Op	Ophiuchu	102.2906	0.425		
6709		HIP 87563	268.3251	40.00796	5.15	K1+IIIbCN	6677	163217	90 Her	Hercules	363.4347	1.166		
6710		HIP 87564	268.3257(	-65.48860	6.459	K0/1III	6634	161955		Pavo	519.1095	1.086		
6711		HIP 87567	268.3315	-34.73080	6.12	B3/5III	6657	162586		Scorpius	825.3182(	-0.041		
6712			268.3477	-34.89515	5.73	~	6658	162587A		Scorpius	1055.017	1.098		
6713	Grumium	HIP 87585	268.3822(	56.87264	3.75	K2III	6688	163588	ξ Draconis	Draco	111.4147	1.177		
6714			268.425	-34.75	4.89	~			[SC96] GC	Scorpius				
6715			268.4395	-34.78602	6.38	B9/A0II/III		162678		Scorpius				
6716		HIP 87616	268.4782	-34.75271	5.96	B9V+B9V	6662	162724	V906 Sco	Scorpius	1009.289	-0.06	5.96	6.23
6717		HIP 87624	268.4922	-34.83105	6.42	kB6hA0VH	6663	162725	V951 Sco	Scorpius	973.1331	0	6.39	6.44
6718		HIP 8767(	268.6113	75.17130	6.374	K0	6735	164780		Draco	478.7083	0.972		
6719		HIP 87671	268.6130	-34.46672	6.11	B9.5/A0III	6668	162817		Scorpius	842.3777	0.055		
6720		HIP 8770(	268.7251	-24.88709	6.2	O8II((f))	6672	162978	63 Oph	Sagittariu	3143.374	0.001		

6721		HIP 87722	268.7834(	-36.47564	6.053	B9.5III	6671	162926		Scorpius	747.7073(	0.074		
6722		HIP 87728	268.7964(	72.00512(	5.43	F2III	6725	164613	ψ 2 Draco	Draco	722.8368(	0.34		
6723		HIP 87744	268.8485	55.97139	6.081	F0IV	6699	163929		Draco	183.6619	0.316		
6724		HIP 87747	268.8549	26.04999	5.36	F2Ibp	6685	163506	89 Her	Hercules	3196.079(	0.341	5.34	5.54
6725		HIP 87777	268.9617	22.46422(	5.619	K3III	6687	163547		Hercules	488.7556	1.249		
6726		HIP 87782	268.9790	-18.80215	6.469	A1V	6679	163245	9 G. Sgr	Sagittariu	362.6262	0.056		
6727			269.025	-35.05	6.38	~			[SC96] Mi	Scorpius				
6728			269.025	-35.05	6.38	~			[SC96] GC	Scorpius				
6729		HIP 87808	269.0632	37.25053(	3.88	K1IIaCN2	6695	163770	θ Herculis	Hercules	669.4053	1.35		
6730		HIP 87812	269.0766(	0.670353(	5.82	B3III	6684	163472	V2052 Op	Ophiuchu	829.5170	0.058	5.81	5.84
6731		HIP 87813	269.0793	-15.81252	5.929	A0V	6681	163336	16 G. Ser (	Serpens	248.6654(	0.024		
6732		HIP 87822	269.1012	-65.72173	6.36	F5V		162521		Pavo	112.7246	0.451		
6733	Eltanin	HIP 87833	269.1515	51.48889	2.23	K5III	6705	164058	γ Draconis	Draco	147.5114	1.521		
6734		HIP 87836	269.1743	-28.06539	5.763	A7III/IV	6680	163318	10 G. Sgr	Sagittariu	164.0664	0.207		
6735			269.175	-28.05	5.75	~			[SC96] Mi	Sagittarius				
6736			269.175	-28.05	5.75	~			[SC96] GC	Sagittarius				
6737		HIP 87846	269.1975	-44.34221	4.849	K2III	6675	163145		Scorpius	347.1770	1.176		
6738		HIP 87847	269.1989	-4.081821	5.439	K2IIICNIb/	6686	163532	183 G. Op	Ophiuchu	425.5866	1.162		
6739		HIP 87850	269.2021	45.35085(	6.32	M6S	6702	163990	OP Her	Hercules	999.9988	1.453	5.85	6.73
6740		HIP 87865	269.2329	-40.30564	6.447	K3III	6678	163234		Scorpius	575.9704	1.411		
6741		HIP 87866	269.2332	6.487730	6.277	B9Vp	6690	163641	185 G. Op	Ophiuchu	680.5839	-0.015		
6742		HIP 87895	269.3097	23.99573	6.33	G2V+K2V	6697	163840		Hercules	93.08966(	0.642		
6743		HIP 87910	269.3624	11.04454	6.327	A1V	6696	163772		Ophiuchu	348.2920	0.13		
6744		HIP 87926	269.4236	-76.17795	6.066	K2III	6635	161988		Apus	594.8915	1.205		
6745			269.425	-39.1333	5.72	~			[SC96] Mi	Scorpius				
6746			269.425	-39.1333	5.72	~			[SC96] GC	Scorpius				
6747		HIP 87928	269.4280	-56.89625	6.259	B4III		163071		Ara	1298.804(	-0.066		
6748		HIP 87933	269.4411	29.24787	3.7	G8.5III	6703	163993	ξ Herculis	Hercules	135.1576	0.935		
6749		HIP 87936	269.4491	-41.71629	4.863	M0III	6682	163376		Scorpius	546.9793(	1.617		
6750			269.4907	-39.13652	6.46	~	6683	163433A		Scorpius	513.3849	0.007		

6751	HIP 87998	269.6256	30.18927	4.41	kA9hF2mI	6707	164136	v Herculis	Hercules	795.1208	0.38	4.38	4.48
6752	HIP 88012	269.6627	-28.75908	6.01	B3II/III	6692	163685	13 G. Sgr	Sagittariu	1330.611	-0.077		
6753	HIP 8802	269.6763	36.28779	6.03	G5III:	6711	164280		Hercules	346.0719	0.949		
6754	HIP 8803	269.7179	45.47621	6.481	B9pSiSr	6718	164429	V771 Her	Hercules	466.3822	-0.064	6.44	6.52
6755	HIP 88038	269.7320	-36.85837	5.737	G8III	6691	163652	12 G. Sgr	Sagittariu	365.0614	0.915		
6756	HIP 88048	269.7566	-9.773633	3.34	G9IIIa	6698	163917	v Ophiuch	Ophiuchu	150.7194	0.99		
6757		269.7720	-30.25302	5.17	M1Ib	6693	163755		Sagittariu	934.0979	1.654		
6758	HIP 88101	269.9031	-4.821126	5.832	K5III	6706	164064	187 G. Op	Ophiuchu	552.5441	1.561		
6759	HIP 88116	269.9481	-23.81611	4.724	A0	6700	163955	4 Sgr	Sagittariu	436.4131	-0.03		
6760	HIP 88122	269.9841	45.50137	5.67	M0III	6728	164646		Hercules	610.4873	1.562		
6761	HIP 88125	270.0003	-20.33954	6.219	K0III	6704	164028	16 G. Sgr	Sagittariu	857.8954	1.405		
6762	HIP 88128	270.0142	16.75091	4.67	K0.5IIb	6713	164349	93 Her	Hercules	655.9350	1.254		
6763	HIP 88127	270.0147	80.00084	5.939	F7	6809	166865	40 Dra	Draco	165.9878	0.521		
6764	HIP 88136	270.0382	80.00411	5.642	K2Vv	6810	166866	41 Dra	Draco	173.0362	0.516		
6765	HIP 88148	270.0653	0.629475	6.37	A6VpSrCr	6709	164258	V2126 Op	Ophiuchu	394.6720	0.16	6.36	6.368
6766	HIP 88149	270.0658	4.368645	4.6	B2Ve	6712	164284	66 Oph	Ophiuchu	676.3491	-0.1	4.55	4.85
6767	HIP 88172	270.1152	19.50578	6.43	B8IVe	6720	164447	V974 Her	Hercules	1621.889	-0.054		
6768	HIP 88175	270.1208	-3.690271	4.616	F2V	6710	164259	ζ Serpenti	Serpens	75.62062	0.39		
6769	HIP 8819	270.1515	33.21368	6	K6III	6726	164614		Hercules	745.9958	1.516		
6770	HIP 88192	270.1613	2.931564	3.93	B4Ib-II	6714	164353	67 Oph	Ophiuchu	1417.393	0.029		
6771	HIP 88213	270.2202	6.268293	6.35	B2IV	6719	164432	192 G. Op	Ophiuchu	1502.303	-0.104		
6772	HIP 88217	270.2386	15.09355	6.28	G5IV	6722	164507		Hercules	146.8467	0.747		
6773	HIP 88258	270.3463	-17.15686	6.261	K2III	6715	164358	6 Sgr	Sagittariu	1852.274	1.763		
6774		270.3748	21.59539	5.1	G5III	6729	164668	* 95 Her E	Hercules		0.89		
6775		270.3767	21.59578	4.83	A2IV	6730	164669	* 95 Her A	Hercules		0.15		
6776	HIP 88274	270.3924	-85.21482	6.445	F5IV	6552	159517		Octans	218.6453	0.437		
6777	HIP 88277	270.3995	33.31126	6.167	K5III	6737	164824		Hercules	967.3597	1.549		
6778	HIP 8829	270.4383	1.305085	4.429	A0.5Van	6723	164577	68 Oph	Ophiuchu	264.8255	0.046		
6779	HIP 88294	270.4512	-36.37785	6.296	B8V	6708	164245	17 G. Sgr	Sagittariu	721.2394	-0.016		
6780		270.475	-36.3667	5.9	~			[SC96] Mi	Sagittarius				

6781			270.475	-36.3667	5.9	~			[SC96] GC	Sagittarius				
6782		HIP 88298	270.4765	-22.78029	5.77	B0Ib	6716	164402	21 G. Sgr	Sagittariu	2441.8394	-0.03		
6783		HIP 88331	270.5960	20.83363	5.249	B3IV	6738	164852	96 Her	Hercules	1028.3902	-0.1	5.17	5.19
6784		HIP 88346	270.6256	22.92322	6.211	B3Vn	6741	164900	97 Her	Hercules	674.9473	-0.092		
6785		HIP 88380	270.7129	-24.28246	5.34	F2II-III	6724	164584	7 Sgr	Sagittariu	1105.084	0.495		
6786		HIP 88404	270.7700	-8.180253	5.86	F5V	6733	164764	* tau Oph	Ophiuchu	169.6149	0.38		
6787		HIP 88404	270.7704	-8.180352	5.27	F2IV	6734	164765	* tau Oph	Ophiuchu	169.6149	0.38		
6788		HIP 88404	270.7704	-8.180349	4.79	F3IV	6734	164765	τ 1 Ophiu	Ophiuchu	169.6149	0.38		
6789		HIP 88415	270.7870	48.46427	6.243	A2V	6753	165358		Hercules	525.8055	0.037		
6790		HIP 88429	270.8106	19.61315	6.42	A0V	6744	165029		Hercules	406.9915	0.017		
6791		HIP 88469	270.9685	-24.36073	5.97	O4V((f))z	6736	164794	9 Sgr	Sagittariu	4939.3908	0.031		
6792		HIP 88522	271.1556	1.918993	6.147	O9.7IIn	6747	165174	V986 Oph	Ophiuchu	3283.234	-0.056	6.1	6.15
6793		HIP 88528	271.1675	23.94201	6.335	F0IV-V	6754	165373	V831 Her	Hercules	202.2332	0.306	6.28	6.34
6794		HIP 88550	271.2099	-35.90144	5.972	K2III	6739	164870	25 G. Sgr	Sagittariu	355.1184	1.16		
6795		HIP 88565	271.2533	41.94629	6.374	F1Vnn	6767	165645		Hercules	186.9265	0.287		
6796		HIP 88567	271.2551	-29.58008	4.69	G0Ib/II	6742	164975	γ 1 Sagitta	Sagittariu	2076.434	0.774	4.29	5.14
6797		HIP 88599	271.3618	-81.48656	6.35	K3/4III	6646	162337		Apus	923.5126	1.528		
6798		HIP 88601	271.3636	2.500098	4.03	K0-V	6752	165341	70 Oph	Ophiuchu	16.58021	0.86		
6799		HIP 88601	271.3644	2.498946	6.07	K4V	6752	165341B	* 70 Oph	Ophiuchu	16.58021	0.86		
6800		HIP 88604	271.3755	21.64661	6.179	K3III:	6763	165524		Hercules	412.6574	1.241		
6801	Alnasl	HIP 88635	271.4520	-30.42408	2.99	K0+III	6746	165135	γ 2 Sagitta	Sagittariu	96.05203	0.981		
6802		HIP 88636	271.4567	32.23067	5.709	K0III	6768	165683		Hercules	695.0974	1.179		
6803		HIP 88657	271.5079	22.21887	5.06	M3-SIII	6765	165625	98 Her	Hercules	615.0937	1.656		
6804		HIP 88670	271.5308	-8.323960	5.859	B2II/III	6755	165402	19 G. Ser	Serpens	569.9297	0.184		
6805		HIP 88671	271.5309	-0.446127	6.34	G9IIICH-3	6757	165462	21 G. Ser	Serpens	506.9986	1.014		
6806		HIP 88675	271.5383	-51.74390	6.46	A2III		164896		Ara	1523.365	0.172		
6807		HIP 88684	271.5633	-4.751252	5.741	K1IV	6756	165438	20 G. Ser	Serpens	113.9461	0.968		
6808		HIP 88694	271.5988	-36.01978	5.95	G1V	6748	165185	29 G. Sgr	Sagittariu	56.61677	0.615		
6809		HIP 88714	271.6577	-50.09147	3.66	B0.5Iab	6743	165024	θ Arae	Ara	1012.422	-0.101		
6810			271.7078	-43.42522	5.62	A6V	6749	165189	CD-43 122	CoronaAustralis		0.22		

6811	HIP 88726	271.70788	-43.42522	4.95	A6V+A7V	6749	165189		CoronaAu	143.04527	0.255		
6812		271.70797	-43.42474	5.68	A7V	6750	165190	CD-43 122	CoronaAustralis		0.26		
6813	HIP 88732	271.72280	50.82282	6.295	K0III	6790	166207		Draco	385.79832	1.051		
6814	HIP 88745	271.75662	30.56210	5.13	F6V	6775	165908	99 Her	Hercules	51.033368	0.528		
6815	HIP 88754	271.77624	49.71044	6.5	A2V	6792	166228		Hercules	721.23940	-0.02		
6816	HIP 88760	271.79730	-21.44393	6.33	B1/2Ib	6762	165516		Sagittariu	4233.7635	0.102		
6817	HIP 88765	271.82649	8.733867	4.64	G8III	6770	165760	71 Oph	Ophiuchu	237.78286	0.951		
6818	HIP 88770	271.83743	2.481671	6.49	K3III		165742		Ophiuchu	800.98229	1.481		
6819	HIP 88771	271.83743	9.563846	3.73	A5V	6771	165777	72 Oph	Ophiuchu	82.741119	0.159		
6820	HIP 88788	271.86976	43.46188	4.997	G8IIICN-1	6791	166208		Hercules	363.03047	0.913		
6821	HIP 88794	271.88562	28.76249	3.827	B9.5III	6779	166014	o Herculis	Hercules	347.17709	-0.018	3.8	3.87
6822	HIP 88816	271.95141	-17.15415	5.508	K1III	6769	165687	32 G. Sgr	Sagittariu	249.23557	1.132		
6823	HIP 88815	271.95152	-64.55017	6.392	K2/3III	6740	164871		Pavo	535.30524	1.266		
6824	HIP 88817	271.95626	26.09733	5.79	A3V	6782	166046	100 Her	Hercules	165.90342	0.127		
6825	HIP 88818	271.95652	26.10126	5.819	A3V	6781	166045	100 Her	Hercules	228.45143	0.158		
6826	HIP 88839	272.02074	-28.45709	4.56	G7:IIIbCN-	6766	165634		Sagittariu	347.54873	0.938		
6827	HIP 88859	272.12546	-45.76700	6.163	B7/8II	6759	165493		Ara	815.00030	-0.082		
6828	HIP 88862	272.14056	14.28471	6.323	A5m	6784	166095		Ophiuchu	531.81052	0.181		
6829	HIP 88866	272.14506	-63.66856	4.328	kA4hF0mI	6745	165040	π Pavonis	Pavo	138.42878	0.228		
6830	HIP 88886	272.18954	20.81455	4.347	B2IV	6787	166182	102 Her	Hercules	1523.3659	-0.164		
6831	HIP 88899	272.22026	20.04523	5.099	A8III	6794	166230	101 Her	Hercules	320.86627	0.176		
6832	HIP 88964	272.39118	3.993297	5.92	~	6795	166233A	* 73 Oph	Ophiuchu	166.15705	0.363	6.11	6.13
6833	HIP 88972	272.40590	38.45777	6.4	K2V	6806	166620		Hercules	36.177867	0.876		
6834	HIP 88981	272.43074	-13.93443	6.379	K1II	6785	166103	24 G. Ser	Serpens	669.40539	1.428		
6835		272.4625	-23.8283	6.4	Open Cluster			C 1806-24	Sagittarius				
6836	HIP 89006	272.48984	-59.04017	6.372	K4III	6760	165497		Pavo	641.73124	1.553		
6837	HIP 89008	272.49584	36.46626	5.568	G8III	6807	166640		Hercules	433.51170	0.915		
6838	HIP 89010	272.49984	-32.71963	6.405	K0III	6777	165978	36 G. Sgr	Sagittariu	364.65396	1.025		
6839	HIP 89020	272.52422	-30.72866	5.65	K1III	6780	166023	37 G. Sgr	Sagittariu	360.22035	0.979		
6840	HIP 89023	272.53636	16.47658	6.1	G8III+B9.5	6803	166479		Hercules	1502.3030	0.574		

6841		HIP 89042	272.6089	-62.00222	5.49	G0V	6761	165499	ι Pavonis	Pavo	57.88361	0.592		
6842		HIP 89065	272.6679	3.3242578	5.489	K1II	6800	166460	202 G. Op	Ophiuchu	412.1358	1.204		
6843		HIP 89086	272.7306	-33.80006	6.16	B2II/III	6788	166197	38 G. Sgr	Sagittariu	3241.145	-0.137		
6844		HIP 89096	272.7683	-47.51312	6.069	K1IIICNII	6778	166006		Telescopi	490.2259	1.193		
6845		HIP 89099	272.7731	-41.35911	5.845	F2V	6786	166114		CoronaAu	268.7551	0.295		
6846		HIP 89104	272.7798	60.409532	6.5	A1Vnn	6827	167387		Draco	458.5093	-0.002		
6847		HIP 89112	272.8073	-45.95441	4.508	K0III	6783	166063	ϵ Telescop	Telescopi	408.5205	1.009		
6848		HIP 89114	272.8115	-19.84195	6.5	A2V	6798	166393	39 G. Sgr	Sagittariu	364.6539	0.158		
6849		HIP 89115	272.8158	-75.89152	5.86	K2III	6731	164712		Apus	253.1058	1.253		
6850		HIP 89153	272.9305	-23.70123	4.98	K0III	6801	166464	1 Sgr	Sagittariu	244.1949	1.055		
6851		HIP 89156	272.9380	33.447058	5.97	A3V	6814	166988		Hercules	763.4662	0.045		
6852		HIP 89172	272.9756	31.405348	4.97	M3III	6815	167006	104 Her	Hercules	601.4767	1.643	6.62	6.76
6853		HIP 89234	273.1420	-73.67243	5.91	F5V	6751	165259		Apus	133.1700	0.464		
6854		HIP 89246	273.1775	41.146836	6.352	K0III	6824	167304		Hercules	475.9112	1.038		
6855		HIP 89279	273.2700	38.773490	6.033	B9IIIn	6826	167370		Hercules	644.2675	-0.057		
6856		HIP 89290	273.3029	-41.33611	5.462	B2III	6804	166596	V692 CrA	CoronaAu	1654.822	-0.155	5.46	5.51
6857		HIP 89298	273.3190	21.880359	6.132	K4III	6820	167193		Hercules	5174.599	1.472		
6858	Polis	HIP 89341	273.4408	-21.05883	3.85	B8Iab(e)	6812	166937	μ Sagittari	Sagittariu	29636.37	0.195	3.8	3.88
6859		HIP 89347	273.4675	2.3934622	6.4	K2III		167162	205 G. Op	Ophiuchu	1172.661	1.545		
6860		HIP 89348	273.4743	64.397284	4.987	F5V	6850	168151	36 Dra	Draco	76.59763	0.44		
6861		HIP 89369	273.5662	-21.71316	5.473	K2III	6816	167036	14 Sgr	Sagittariu	505.4273	1.528		
6862		HIP 89370	273.5680	-63.68968	6.469	K4III	6796	166251		Pavo	613.9364	1.414		
6863		HIP 89439	273.8037	-20.72826	5.37	O9.7Iab	6822	167264	15 Sgr	Sagittariu	3719.426	0.007		
6864		HIP 89440	273.8040	-20.38796	6.02	O9.5III	6823	167263	16 Sgr	Sagittariu	50882.44	-0.023		
6865		HIP 89448	273.8211	68.755817	5.953	K1III:	6865	168653	37 Dra	Draco	283.9721	1.055		
6866		HIP 89470	273.8781	-18.66157	6.15	ApSi	6825	167356	V4387 Sgr	Sagittariu	3927.714	0.165		
6867		HIP 89474	273.8852	45.209316	6.298	G1V	6847	168009		Lyra	73.95638	0.641		
6868		HIP 89482	273.9115	42.159345	5.556	B7IV	6845	167965		Lyra	539.7355	-0.111		
6869		HIP 89487	273.9192	-63.05536	5.582	K0III/IV	6805	166599		Pavo	295.8258	0.944		
6870		HIP 89507	273.9727	-44.20645	5.451	G8/K0III	6818	167096		CoronaAu	268.0920	0.962		

6871	HIP 89512	273.9913	-3.617966	6.349	A3IV/V	6830	167564	27 G. Ser (	Serpens	471.7808	0.201		
6872	HIP 89527	274.0232	2.3775172	6.01	M4III	6834	167654	V2392 Op	Ophiuchu	705.6272	1.55		
6873	HIP 89587	274.2212	-3.007402	6	G8III	6840	167768	28 G. Ser (	Serpens	328.9602	0.89		
6874		274.2482	-15.0111	6	Cluster			NGC 6605	Serpens				
6875	HIP 89597	274.2538	-51.06826	6.048	B9V	6821	167257		Telescopi	359.4281	-0.046		
6876	HIP 89605	274.2813	-56.02334	5.36	B3IIIe	6819	167128	QV Tel	Telescopi	1120.000	-0.05		
6877	HIP 89609	274.2984	-17.37389	5.75	K2III	6838	167720	50 G. Sgr	Sagittariu	1044.872	1.569		
6878	HIP 89620	274.3489	-28.28894	6.36	F9VFe-0.8	6836	167665	48 G. Sgr	Sagittariu	96.67860	0.536		
6879	HIP 89622	274.3503	-28.65206	6.168	A5V	6835	167666	49 G. Sgr	Sagittariu	397.0779	0.184		
6880	HIP 89623	274.3507	-9.758610	6.3	A8V	6843	167833	29 G. Ser (	Serpens	430.0789	0.382		
6881	HIP 89637	274.4010	-34.10726	6.03	B3/4IV/V	6833	167647	RS Sgr	Sagittariu	881.0805	-0.096	6.01	6.97
6882	HIP 89642	274.4068	-36.76169	3.11	M2III	6832	167618	η Sagittari	Sagittariu	149.0625	1.582	3.05	3.12
6883	HIP 89674	274.5040	-68.22926	6.328	B8/9V	6808	166841		Pavo	696.5807	-0.026		
6884	HIP 89677	274.5122	13.77703	6.291	B5V	6851	168199		Ophiuchu	1112.628	-0.04		
6885	HIP 89678	274.5132	-27.04264	4.627	K3II	6842	167818		Sagittariu	699.5701	1.629		
6886	HIP 89684	274.5321	18.131688	6.23	B9V	6852	168270		Hercules	745.9958	-0.004		
6887	HIP 89683	274.5322	23.29690	6.47	K5	6854	168323		Hercules	1671.797	1.698		
6888	HIP 89726	274.6673	-42.28839	6.29	B0.2Ib	6839	167756		CoronaAu	5615.642	-0.144		
6889		274.675	-18.6333	6.48	~			[SC96] Mi	Sagittarius				
6890	HIP 89772	274.7897	7.2597672	5.412	K2III	6857	168387	208 G. Op	Ophiuchu	146.5827	1.084		
6891	HIP 89773	274.7944	24.44605	5.279	K3III:Ba0.5	6860	168532	105 Her	Hercules	1278.432	1.508		
6892	HIP 89805	274.9172	-63.88656	6.25	F9.5V	6828	167425		Pavo	74.70228	0.584		
6893	HIP 89826	274.9654	36.06454	4.34	K2-IIIabCN	6872	168775	κ Lyrae	Lyra	237.7828	1.162		
6894	HIP 89827	274.9669	29.66639	5.993	K4III	6867	168694		Hercules	654.6180	1.319		
6895	HIP 89835	274.9835	51.34782	6.299	K1III:	6880	169028		Draco	410.0625	1.112		
6896	HIP 89851	275.0366	-15.83169	5.371	K3III	6858	168415	32 G. Ser (	Serpens	470.4181	1.473		
6897	HIP 89861	275.0746	21.96129	4.96	M1III	6868	168720	106 Her	Hercules	425.5866	1.594		
6898	HIP 89908	275.1893	71.33781	4.22	B8V	6920	170000	ϕ Draconi	Draco	289.0072	-0.093	4.22	4.26
6899	HIP 89918	275.2169	3.377164	4.856	G8III	6866	168656	74 Oph	Ophiuchu	269.1991	0.911		
6900	HIP 89920	275.2299	-37.48764	6.434	K2II	6856	168357		CoronaAu	2279.722	1.315		

6901		HIP 89925	275.2373	29.85892	5.6	kA3mA7+	6876	168913	108 Her	Hercules	187.7881	0.231		
6902	Kaus Med	HIP 89931	275.2485	-29.8281	2.668	K2.5IIIaCN	6859	168454	δ Sagittari	Sagittariu	305.5296	1.38		
6903		HIP 89935	275.2542	28.86995	5.115	A8Vn	6877	168914	107 Her	Hercules	276.5054	0.212		
6904		HIP 89937	275.2640	72.73284	3.58	F7V	6927	170153	χ Draconi	Draco	26.27965	0.49		
6905		HIP 89943	275.2797	49.72546	6.387	K1III	6886	169221		Draco	668.0329	1.086		
6906		HIP 89962	275.3275	-2.89882	3.25	K0III-IV	6869	168723	η Serpent	Serpens	61.73073	0.941		
6907		HIP 89968	275.3457	-18.8600	5.75	F8II	6863	168608	Y Sgr	Sagittariu	1293.649	0.67	5.25	6.24
6908		HIP 89977	275.3683	5.435711	6.13	B2Vne	6873	168797	NW Ser	Serpens	3360.833	-0.048		
6909		HIP 8998	275.3806	-24.9152	6.25	M5-IIIa:	6861	168574	70 Sgr	Sagittariu	1164.286	1.823	6.1	6.38
6910		HIP 89981	275.3860	49.12159	5.05	M2III	6891	169305		Draco	754.6283	1.619		
6911		HIP 90012	275.5005	-28.4299	6.154	A3III	6864	168646	58 G. Sgr	Sagittariu	474.5257	0.264		
6912		HIP 90023	275.5362	23.28517	5.41	K5III	6882	169110		Hercules	676.3491	1.633		
6913		HIP 90037	275.5773	-38.6568	5.073	K4/5III	6862	168592		CoronaAu	503.0866	1.498		
6914		HIP 90052	275.6471	12.02968	5.98	A2V	6883	169111		Ophiuchu	478.7083	0.056		
6915		HIP 90067	275.7043	17.82661	5.249	K3III	6885	169191		Hercules	435.8295	1.25		
6916		HIP 90074	275.7211	-36.6695	5.34	B7Ib/II	6870	168733	V4050 Sgr	Sagittariu	618.5950	-0.121	5.31	5.322
6917		HIP 90083	275.7587	-10.2189	6.313	B9III	6878	169009		Scutum	342.7956	0.13		
6918		HIP 90086	275.7622	16.68799	6.22	K0	6887	169223		Hercules	495.4419	1.216		
6919		HIP 90096	275.8006	-12.0147	5.699	B8IVe	6881	169033		Scutum	611.6316	0.006		
6920		HIP 90098	275.8068	-61.4939	4.367	K4III	6855	168339	ξ Pavonis	Pavo	420.1033	1.462		
6921		HIP 90124	275.8701	-36.2379	5.518	K0III	6874	168838	60 G. Sgr	Sagittariu	319.2949	1.015		
6922		HIP 90133	275.9018	-75.0442	5.456	A0V	6829	167468	ϕ Octantis	Octans	196.5040	0.043		
6923		HIP 90135	275.9149	-8.93448	4.664	G9-IIIbFe-	6884	169156	ζ Scuti	Scutum	190.8665	0.932		
6924		HIP 90139	275.9245	21.76975	3.84	K2IIIab	6895	169414	109 Her	Hercules	128.3465	1.168		
6925		HIP 90146	275.9499	53.30083	6.352	A3m	6911	169885		Draco	339.9366	0.168		
6926		HIP 90156	275.9775	58.80073	5.05	A1V	6923	170073A	* b Dra A	Draco	188.3305	0.082		
6927		HIP 90163	275.9886	38.73922	6.37	K2	6901	169646		Lyra	857.8953	1.429		
6928		HIP 90174	276.0149	-3.58315	6.38	F0V	6890	169268	36 G. Ser	Serpens	215.8942	0.351		
6929		HIP 90182	276.0386	83.17539	6.16	A2V	7025	172864		Draco	547.8986	0.051		
6930	Kaus Aust	HIP 90185	276.0429	-34.3846	1.81	B9IVp_lB?	6879	169022	ϵ Sagittari	Sagittariu	144.5676	-0.031		

6931		HIP 90191	276.0574	39.50723	5.12	A0IV	6903	169702	μ Lyrae	Lyra	441.1368	0.047		
6932		HIP 90200	276.0759	-44.11025	5.227	B3V	6875	168905		CoronaAu	524.1169	-0.163		
6933		HIP 90223	276.1380	-49.65287	6.454	G0-V		168871		Telescopi	91.93464	0.593		
6934		HIP 90238	276.1755	-7.075932	6.296	K0/1III	6892	169370		Scutum	280.5508	1.161		
6935		HIP 90253	276.2383	-1.579411	6.19	F2V	6898	169493	37 G. Ser	Serpens	432.3609	0.381		
6936		HIP 90256	276.2435	27.39478	6.26	A2Vn	6904	169718		Hercules	387.6337	0.053		
6937		HIP 90260	276.2559	-30.75656	5.574	K0III	6888	169233	18 Sgr	Sagittariu	653.3075	1.138		
6938		HIP 90289	276.3376	-20.54167	4.86	K1/2III	6896	169420	21 Sgr	Sagittariu	597.0692	1.31		
6939		HIP 90290	276.3403	-35.99202	6.142	K0III	6889	169236	62 G. Sgr	Sagittariu	461.1043	1.006		
6940		HIP 90304	276.3817	-63.02153	6.122	A8VkA2m	6871	168740		Pavo	232.3591	0.202	6.14	6.18
6941		HIP 90313	276.4116	8.032007	5.665	G9II+B9V	6902	169689		Ophiuchu	806.9317	0.884		
6942		HIP 90336	276.4775	-33.94571	6.296	B7III	6893	169398	64 G. Sgr	Sagittariu	961.6514	-0.075		
6943		HIP 90337	276.4801	14.96623	6.364	B9V	6906	169820	V1343 He	Hercules	373.8536	-0.037		
6944		HIP 90342	276.4949	29.82893	5.83	A2IV	6917	169981		Hercules	427.2622	0.068		
6945	Fafnir	HIP 90344	276.4964	65.56348	4.823	K1.5IIIFe-1	6945	170693		Draco	317.2850	1.19		
6946		HIP 90398	276.6705	26.44924	6.498	B3V	6924	170111		Hercules	781.7743	-0.107		
6947		HIP 90414	276.7250	-48.11723	5.446	K0/1III+F/	6894	169405		Telescopi	529.2220	0.855		
6948		HIP 90422	276.7434	-45.96845	3.463	B3IV	6897	169467	α Telescop	Telescopi	249.2355	-0.179		
6949			276.7675	-53.11020	5.96	K2III		169326		Telescopium				
6950		HIP 90441	276.8021	0.196113	5.32	A0IV	6918	169985		Serpens	478.7083	0.487	5.17	5.29
6951		HIP 90476	276.9256	59.54911	6.42	K0IV	6949	170811		Draco	365.0614	0.979		
6952			276.95	-26.75	6.22	~			[SC96] GC	Sagittarius				
6953			276.95	-26.7	6.22	~			[SC96] Mi	Sagittarius				
6954		HIP 90485	276.9561	-29.81686	5.902	F7V	6907	169830		Sagittariu	118.4600	0.505		
6955		HIP 90487	276.9596	3.748567	6.06	K3III	6925	170137		Ophiuchu	1369.748	1.61		
6956		HIP 90494	276.9853	-17.80035	6.182	B8III/IV	6919	169990	71 G. Sgr	Sagittariu	566.9565	0.003		
6957	Kaus Bore	HIP 90496	276.9926	-25.42169	2.81	K1IIIb	6913	169916	λ Sagittari	Sagittariu	77.25127	1.025		
6958		HIP 90497	276.9948	6.194103	5.699	B8III	6928	170200	44 G. Ser	Serpens	739.2280	-0.034		
6959		HIP 90510	277.0257	-26.7573	6.276	A3/4V	6914	169938	69 G. Sgr	Sagittariu	269.4215	0.157		
6960		HIP 90509	277.0267	-84.38726	6.48	B8IVe		165338		Octans	595.9771	-0.035		

6961	HIP 90541	277.1129	-38.99566	5.624	A2mA2-F(	6910	169853		CoronaAu	498.4704	0.14		
6962	HIP 90568	277.2077	-49.07058	4.11	K1III-IV	6905	169767	ζ Telescop	Telescopi	127.3438	0.995		
6963	HIP 90576	277.2389	-26.58207	6.5	A3III	6926	170141		Sagittariu	396.5954	0.095		
6964	HIP 90595	277.2993	-14.56580	4.675	A1IV/V	6930	170296	γ Scuti	Scutum	291.3316	0.076		
6965		277.3	-26.6833	6.45	~			[SC96] Mi	Sagittarius				
6966	HIP 90597	277.3036	-43.84593	6.35	G8III	6915	169943		CoronaAu	511.7745	0.904		
6967	HIP 90606	277.3330	-80.23270	5.946	K2III	6837	167714		Octans	348.2920	1.173		
6968		277.35	-25.5333	6.45	~			[SC96] GC	Sagittarius				
6969	HIP 90637	277.3987	23.86619	5.863	B6IV	6943	170650		Hercules	1475.114	-0.096		
6970	HIP 90642	277.4207	-1.985307	5.369	K0III	6935	170474	c Ser	Serpens	236.0609	0.961		
6971	HIP 90647	277.4373	77.54706	5.644	K4III	7006	172340		Draco	474.5257	1.192		
6972	HIP 90651	277.4448	-14.58198	6.027	ApEuCrEu	6932	170397	V432 Sct	Scutum	284.4677	0.006	5.96	5.972
6973	HIP 90662	277.4830	-47.22054	5.679	K2III	6922	170069		Telescopi	593.8059	1.258		
6974	HIP 90664	277.4864	-57.52314	5.74	K0III	6908	169836		Pavo	357.4558	0.987		
6975	HIP 90687	277.5494	-18.72879	5.624	K0III	6933	170433	74 G. Sgr	Sagittariu	292.9023	1.057		
6976	HIP 90692	277.5595	-5.724178	6.263	G8III	6940	170547		Scutum	579.0414	0.953		
6977	HIP 90729	277.6735	20.81504	6.48	G8V	6950	170829		Hercules	116.7621	0.795		
6978	HIP 90759	277.7622	-41.91383	6.018	A3V	6931	170384		CoronaAu	255.4859	0.138		
6979	HIP 90762	277.7685	16.92855	5.75	A2V	6955	170878		Hercules	413.7071	0.053		
6980	HIP 90763	277.7701	-32.98909	5.386	A5V	6936	170479	75 G. Sgr	Sagittariu	349.7850	0.182		
6981	HIP 90797	277.8434	-62.27830	4.64	B7III	6916	169978	v Pavonis	Pavo	478.7083	-0.116		
6982	HIP 90804	277.8570	-10.79583	5.72	B2V+	6946	170740		Scutum	693.6174	0.379		
6983	HIP 90806	277.8595	-18.40269	5.117	B9/9.5V	6944	170680	76 G. Sgr	Sagittariu	213.0720	0.016		
6984	HIP 90830	277.9393	-45.91481	4.92	B5/7	6934	170465	δ 1 Telesc	Telescopi	795.1208	-0.101		
6985	HIP 90842	277.9842	-43.50738	5.686	K2III	6937	170521		CoronaAu	1244.273	1.322		
6986	HIP 90844	277.9874	-1.002975	5.936	A5IV/V	6957	170920	61 Ser	Serpens	569.9297	0.17		
6987	HIP 90853	278.0081	-45.75737	5.07	B3IV/V	6938	170523	δ 2 Telesc	Telescopi	1116.439	-0.127		
6988	HIP 90858	278.0286	3.659611	6.407	B9IIIpSi	6958	170973	MV Ser	Serpens	1194.138	-0.025		
6989	HIP 90884	278.0860	-14.64424	6.351	A4/5IV/V	6956	170902		Scutum	241.3026	0.217		
6990	HIP 90887	278.0888	-39.70400	5.155	A3V	6942	170642		CoronaAu	219.8248	0.079		

6991	HIP 90905	278.1438	57.04559	4.761	F8Ib-II	6978	171635	45 Dra	Draco	2884.957	0.611		
6992	HIP 90913	278.1805	-14.86566	5.51	K3-Ib-IICN	6959	170975	V450 Sct	Scutum	1268.482	1.998		
6993	HIP 90915	278.1923	23.61679	5.84	K5III	6966	171245		Hercules	793.1876	1.49		
6994	HIP 90923	278.2081	30.55420	5.468	B8V	6968	171301		Lyra	365.4722	-0.077		
6995	HIP 90930	278.2305	-73.96559	5.888	K0III	6899	169570		Pavo	355.8943	0.992		
6996	HIP 90936	278.2538	-39.89202	6.217	F5V	6948	170773		CoronaAu	117.6045	0.429		
6997	HIP 90967	278.3446	-5.911719	6.354	B9V	6963	171149		Scutum	372.5725	0.034		
6998	HIP 90969	278.3461	-38.72004	6.169	B8/A1	6952	170867	κ 2 Coron	CoronaAu	488.7556	0.02		
6999	HIP 90968	278.3463	-38.72598	5.59	B9V	6952	170868	κ 1 Coron	CoronaAu	1715.790	-0.06		
7000	HIP 90971	278.3470	8.268249	6.416	B9III	6967	171247	V2393 Op	Ophiuchu	1582.525	-0.044		
7001	HIP 90981	278.3727	-58.70877	6.44	G3/5V	6939	170525		Pavo	164.3144	0.688		
7002	HIP 90982	278.3757	-42.31250	4.614	G8III	6951	170845	θ Coronae	CoronaAu	867.0201	0.994		
7003	HIP 90991	278.4125	-14.85361	5.735	A0/1V	6962	171130		Scutum	211.4136	0.043		
7004	HIP 91004	278.4728	-24.03228	5.461	K3III	6961	171115	24 Sgr	Sagittariu	3431.575	1.795		
7005	HIP 91013	278.4862	52.35351	5.38	G9III	6983	171779		Draco	795.1208	1.091		
7006	HIP 91014	278.4906	-33.01656	5.276	B2III/IV	6960	171034	77 G. Sgr	Sagittariu	2232.879	-0.115		
7007	HIP 91062	278.6296	-52.89152	6.202	K2III	6954	170873		Telescopi	549.7470	1.254		
7008	HIP 91090	278.6978	10.89200	6.47	A1V	6976	171505		Ophiuchu	635.4785	0.032		
7009	HIP 91105	278.7599	-10.97720	5.119	G8II/III	6970	171391		Scutum	289.7779	0.926		
7010	HIP 91117	278.8017	-8.244070	3.83	K3III	6973	171443	α Scuti	Scutum	174.1453	1.317		
7011	HIP 91118	278.8024	18.20341	5.79	A0Vn	6977	171623		Hercules	676.3491	0.006		
7012	HIP 91119	278.8062	34.45801	6.088	B5Ve	6984	171780		Lyra	1038.215	-0.115		
7013	HIP 91132	278.8388	-20.84044	6.481	F0IV/V	6969	171369	V4190 Sgr	Sagittariu	304.3886	0.28	6.44	6.48
7014		278.8766	23.60554	6.24	G9III	6980	171745A		Hercules	486.5682	1.015		
7015	HIP 91142	278.9020	4.935989	6.46	A0VpSrSi		171586	FR Ser	Serpens	334.7010	0.075	6.34	6.52
7016	HIP 91172	278.9985	-29.69910	6.366	K1III	6972	171416	80 G. Sgr	Sagittariu	1058.440	1.272		
7017	HIP 91196	279.0552	65.48870	6.06	F0V	7013	172569		Draco	233.8594	0.279		
7018	HIP 91217	279.1159	9.122491	5.39	F5III	6985	171802		Ophiuchu	126.6021	0.387		
7019	HIP 91235	279.1556	33.46903	5.41	B8IIpHgM	6997	172044		Lyra	521.6001	-0.101		
7020	HIP 91237	279.1628	6.671805	5.425	F3V	6987	171834		Ophiuchu	103.3935	0.386		

7021		HIP 9125(	279.1897{	43.22181(	6.211	F0V	7003	172187	V533 Lyr	Lyra	410.5808{	0.251		
7022	Vega	HIP 91262	279.2347{	38.78368{	0.03	A0V	7001	172167	α Lyrae	Lyra	25.28506{	-0.001	-0.02	0.07
7023		HIP 91279	279.2877{	16.19829{	6.307	G8IV	6995	171994		Hercules	292.6392{	0.896		
7024		HIP 91315	279.3896{	62.52657{	5.74	A0V	7018	172728		Draco	425.5866{	-0.045		
7025		HIP 91322	279.3998{	-0.309475	5.768	A0V	6993	171978	e Ser	Serpens	644.2675{	0.067		
7026		HIP 91347	279.4767{	-21.39772	5.931	A5IV	6988	171856	83 G. Sgr	Sagittariu{	314.0655{	0.189		
7027		HIP 91369	279.5186(	-14.00478	6.47	B8II/III	6989	171957		Scutum	693.6174{	0.189		
7028		HIP 91373	279.5269{	39.66832(	6.05	M4.5-M5-	7009	172380	XY Lyr	Lyra	1198.529(	1.444	5.8	6.35
7029		HIP 91389	279.5880{	8.8341128	6.4	M0-8e+K2	7002	172171	X Oph	Ophiuchu{	634.2372{	1.201	5.9	9.2
7030		HIP 91394	279.5991{	-3.193648	6.482	F8V	6999	172088	60 G. Ser (	Serpens	162.9185(	0.553		
7031		HIP 91405	279.6279{	-23.50489	5.772	B8III	6990	171961	84 G. Sgr	Sagittariu{	465.0489{	-0.018		
7032		HIP 91438	279.7225(	-21.05187	5.86	G6V	6998	172051		Sagittariu{	42.32655{	0.673		
7033		HIP 91461	279.8095{	-47.90976	5.84	A7IV/V	6986	171819		Telescopiu	328.9602(	0.233		
7034		HIP 91491	279.8876(	40.93505(	6.23	B9V	7017	172671		Lyra	806.9317{	-0.052		
7035		HIP 91494	279.8964{	-43.18588	5.425	M2III	6991	171967	V718 CrA	CoronaAu	817.0443{	1.654		
7036		HIP 91499	279.9036{	5.2642912	6.4	F8II	7008	172365	63 G. Ser (	Serpens	1086.665{	0.8		
7037		HIP 91523	279.9649{	7.358599(	6.265	G9III	7010	172424		Ophiuchu{	488.0254{	0.962		
7038		HIP 91525	279.9700(	52.19608{	5.992	B9III:	7028	172883		Draco	563.0413{	-0.067		
7039		HIP 91532	280.0016{	-7.790796	5.808	K3III	7007	172348		Scutum	526.6564{	1.536		
7040		HIP 91533	280.0080{	30.84947(	6.4	K0	7016	172631		Lyra	580.0715{	0.9		
7041		HIP 91552	280.0508{	38.36717(	6.489	A6m	7019	172741		Lyra	500.7687{	0.22		
7042		HIP 91606	280.2350{	62.74946{	6.091	K0III	7042	173398		Draco	383.0794{	0.978		
7043		HIP 91662	280.3778{	-48.09468	6.454	K2III/IVCN	7005	172223		Telescopiu	447.1874(	1.22		
7044		HIP 91675	280.4221{	31.61761{	6.416	B8V	7030	172958		Lyra	1105.084{	-0.047		
7045		HIP 91689	280.4651{	-23.83342	6.205	A3mA7-A{	7011	172546	26 Sgr	Sagittariu{	207.5111{	0.231		
7046		HIP 91707	280.5337(	34.74631{	6.473	B5V	7033	173087		Lyra	1319.837{	-0.116		
7047		HIP 91723	280.5600{	-81.80811	6.262	B8V	6912	169904		Octans	553.4797{	-0.104		
7048		HIP 91726	280.5684{	-9.052552	4.71	F2II-III	7020	172748	δ Scuti	Scutum	186.9265{	0.358	4.6	4.79
7049		HIP 91733	280.5942(	-64.64304	6.353	A5V	6996	172021		Pavo	767.0587{	0.153		
7050		HIP 91751	280.6505(	-7.073654	6.125	K1III	7024	172831		Scutum	242.7403{	1.006		

7051		HIP 91755	280.6581(	55.53944(	5.02	A0IIIpHgM	7049	173524	46 Dra	Draco	363.8389[	-0.07		
7052		HIP 91781	280.7295[	-19.28420	6.35	M4III	7023	172816	V3879 Sgr	Sagittariu[	1220.974[	1.591	6.05	6.58
7053		HIP 91792	280.7589(	-71.42811	4.003	K0III	6982	171759	ζ Pavonis	Pavo	209.6464[	1.134		
7054		HIP 91811	280.7931[	70.79284[	6.27	K2	7082	174205		Draco	610.4873[	1.234		
7055		HIP 9182(	280.8190[	39.30005[	6.44	K5	7041	173383		Lyra	1358.334[	1.59		
7056		HIP 91843	280.8708[	53.87176[	6.19	A2IV	7060	173664		Draco	1198.529(	0.094		
7057		HIP 91845	280.8802[	-8.275212	4.889	G8IIb	7032	173009	ϵ Scuti	Scutum	522.4347[	1.112		
7058	Xihe	HIP 91852	280.9004[	36.55660(	6.037	G8	7043	173416		Lyra	440.1481[	1.057		
7059		HIP 91854	280.9055[	-64.55142	5.757	K0III	7004	172211		Pavo	409.5474[	0.967		
7060		HIP 91875	280.9455[	-38.32344	5.111	A0/1V	7021	172777	λ Coronae	CoronaAu	201.8576[	0.075		
7061		HIP 9188(	280.9634[	-6.818121	6.299	F7V	7034	173093		Scutum	227.0196[	0.479		
7062		HIP 91883	280.9649(	31.92661[	5.682	F1III-IV	7044	173417		Lyra	169.1748[	0.36		
7063		HIP 91901	281.0331[	-36.71833	6.308	K0III	7026	172875	90 G. Sgr	Sagittariu[	357.4558[	0.98		
7064			281.0761(	61.04814[	6.13	~	7075	173949A		Draco	364.2464[	0.967		
7065		HIP 91918	281.0806(	-35.64198	4.87	B2V	7029	172910		Sagittariu[	450.9005[	-0.168		
7066		HIP 91919	281.0846[	39.67080[	6.062	F0V	7052	173583	* eps01 Ly	Lyra	162.1889[	0.17		
7067		HIP 91919	281.0847(	39.67012[	4.991	A3V	7051		* eps01 Ly	Lyra	162.1889[	0.17		
7068		HIP 91926	281.0949[	39.61271[	5.23	A6Vn	7053	173607	* eps02 Ly	Lyra	156.0000[	0.18		
7069		HIP 91926	281.0957(	39.61279[	5.35	A7Vn	7054	173608	* eps02 Ly	Lyra	156.0000[	0.18		
7070		HIP 91958	281.1678[	23.58988[	6.302	F6V	7047	173494		Hercules	144.7603[	0.437		
7071		HIP 91971	281.1931[	37.60512[	4.36	kA5hF0Vn	7056	173648	ζ 1 Lyrae	Lyra	153.5564[	0.192		
7072		HIP 91973	281.2008[	37.59459[	5.585	F1Vnn	7057	173649	ζ 2 Lyrae	Lyra	150.0920[	0.285		
7073		HIP 91974	281.2066[	-25.01090	5.811	B8III	7035	173117	94 G. Sgr	Sagittariu[	793.1876[	0.033		
7074		HIP 91975	281.2080[	2.060039(	5.005	B9IIIe	7040	173370	4 Aql	Aquila	471.7808[	-0.055		
7075		HIP 91985	281.2308[	54.89718[	6.259	G5III	7071	173920		Draco	967.3597[	0.839		
7076		HIP 91989	281.2381[	-39.68618	5.439	B9/A1V	7031	172991		CoronaAu	1319.837[	0.85		
7077		HIP 92008	281.2980[	-61.09519	6.019	K3III	7015	172630		Pavo	1034.919[	1.484		
7078		HIP 92016	281.3277[	-21.00161	6.331	F5/6V	7038	173282	96 G. Sgr	Sagittariu[	185.0171[	0.458		
7079		HIP 92021	281.3495[	-56.88196	6.21	K3III	7022	172781		Pavo	684.8740[	1.385		
7080		HIP 92024	281.3620[	-64.87125	4.767	A7V	7012	172555		Pavo	95.29375[	0.199		

7081	HIP 92027	281.3681	5.500117	6.34	A2V	7048	173495B	66 G. Ser (	Serpens	708.6949	0.041		
7082	HIP 92027	281.3681	5.5001233	5.83	A1V+A2V	7048	173495	66 G. Ser (	Serpens	708.6949	0.041		
7083	HIP 92040	281.4090	79.94267	6.4	A8V	7160	175938		Draco	287.7319	0.296		
7084	HIP 92041	281.4141	-26.99078	3.14	B8III	7039	173300	ϕ Sagittari	Sagittariu	230.5518	-0.107		
7085	HIP 92043	281.4155	20.546309	4.19	F5.5IV-V	7061	173667	110 Her	Hercules	62.24940	0.483		
7086	HIP 92056	281.4448	74.08555	5.244	K0II-III	7117	174980		Draco	334.7010	0.953		
7087	HIP 92072	281.4833	-50.87270	6.24	B8/9II		173047		Telescopiu	1225.564	-0.08		
7088	HIP 92079	281.5047	-19.60635	6.42	M2/3III	7045	173425	V4405 Sgr	Sagittariu	737.5557	1.578		
7089	HIP 92088	281.5186	26.662128	4.84	K2III	7064	173780		Lyra	251.5433	1.199		
7090	HIP 92098	281.5542	41.44181	6.051	B7III	7073	173936		Lyra	1220.974	-0.12		
7091	HIP 92111	281.5858	-22.39217	5.366	K5III	7046	173460	28 Sgr	Sagittariu	1278.432	1.591		
7092	HIP 92112	281.5926	75.43395	5.358	A1Vn	7124	175286	50 Dra	Draco	303.8210	0.049		
7093	HIP 92117	281.6191	-0.961692	5.9	kA3hA5Vr	7059	173654	5 Aql	Aquila	258.3202	0.131		
7094	HIP 92131	281.6723	18.705908	6.179	K5	7067	173833		Hercules	535.3052	1.594		
7095	HIP 92133	281.6795	52.98795	5.9	B3+F5III	7084	174237	CX Dra	Draco	2173.335	-0.096	5.68	5.99
7096	HIP 92136	281.6805	-10.12504	5.717	F0IV	7055	173638		Scutum	3808.459	0.584		
7097	HIP 92161	281.7551	18.181516	4.36	AVa+	7069	173880	111 Her	Hercules	92.69259	0.148		
7098	HIP 92175	281.7936	-4.747873	4.22	G4IIa	7063	173764	β Scuti	Scutum	689.2164	1.087		
7099	HIP 92202	281.8706	-5.705150	5.2	K4/5pec	7066	173819		Scutum	1405.171	1.28	4.2	8.6
7100	HIP 92226	281.9359	-40.40616	5.217	G5/6III	7050	173540	μ Coronae	CoronaAu	392.7714	0.781		
7101	HIP 92233	281.9547	-77.86825	6.392	F8V	6994	171990		Octans	140.5777	0.593		
7102	HIP 92243	281.9890	31.756836	6.054	B3IVp	7081	174179		Lyra	1061.889	-0.139		
7103	HIP 92254	282.0111	4.241421	6.187	K4III	7076	173954	67 G. Ser (	Serpens	885.8694	1.509		
7104	HIP 92269	282.0669	48.76755	6.12	A7III	7096	174481		Draco	183.0431	0.225		
7105	HIP 92270	282.0683	23.51474	6.181	F7V	7079	174160		Hercules	93.54378	0.492		
7106	HIP 92294	282.1579	-65.07768	5.701	A8V	7036	173168	θ Pavonis	Pavo	225.6057	0.268		
7107	HIP 92296	282.1645	-6.004312	6.494	A7VkA2mA2_lB		174005		Scutum	526.6564	0.242		
7108	HIP 92308	282.2103	-43.68004	5.456	A3V	7062	173715	η 1 Coron	CoronaAu	346.8087	0.133		
7109	HIP 92312	282.2224	19.328716	5.88	A1V	7086	174262		Hercules	280.3095	0.022		
7110	HIP 92367	282.3639	-45.81010	5.798	G8III	7065	173791		Telescopiu	429.5116	0.891		

7111		HIP 92382	282.3958	-43.43409	5.587	B9IV	7068	173861	η 2 Coron	CoronaAu	607.0774	-0.077		
7112		HIP 92386	282.4049	0.8361962	6.226	A1IV	7085	174240	4 G. Aql	Aquila	574.9566	0.041		
7113		HIP 92390	282.4171	-20.32465	5.21	K2III	7078	174116	29 Sgr	Sagittariu	749.4253	1.404		
7114		HIP 92391	282.4206	-5.912863	6	K2III	7083	174208		Scutum	1488.585	1.568		
7115			282.4319	-72.99571	6.2	~	7027	172881A		Pavo	735.8931	0.033		
7116		HIP 92398	282.4413	32.81281	5.91	B3IV	7100	174585	ν 1 Lyrae	Lyra	1009.289	-0.154		
7117		HIP 92405	282.4704	32.55106	5.226	A3V	7102	174602	ν 2 Lyrae	Lyra	237.9562	0.1		
7118	Sheliak	HIP 92420	282.5199	33.36266	3.42	B8.5Ib-II	7106	174638	β Lyrae	Lyra	1080.000	0.003	3.25	4.36
7119		HIP 92456	282.6298	-13.57225	6.43	K1II/III		174328		Scutum	1638.192	1.662		
7120		HIP 92475	282.6897	10.97638	6.36	K5III	7099	174569		Aquila	1862.859	1.443		
7121		HIP 92488	282.7438	-9.774096	5.836	F2II-III	7094	174464		Scutum	1509.259	0.594		
7122		HIP 92487	282.7443	-41.06269	6.49	B5/7III		174152		CoronaAu	1771.738	-0.075		
7123			282.766	-6.272	5.8	Open Cluster			NGC 6705	Scutum				
7124		HIP 92512	282.8003	59.38835	4.636	G9IIIFe-0.5	7125	175306	ο Draconis	Draco	322.1344	1.185	4.63	4.73
7125		HIP 92524	282.8423	-3.317856	6.056	F0IV	7101	174589	8 Aql	Aquila	276.2714	0.299		
7126		HIP 92549	282.8955	52.97506	5.52	G9IVa	7123	175225		Draco	85.07299	0.843		
7127		HIP 92550	282.8995	28.78367	6.209	K1II-III	7112	174881		Lyra	1598.039	1.183		
7128		HIP 92551	282.9021	36.53908	6.082	B6IV	7115	174959		Lyra	1120.276	-0.1		
7129		HIP 92593	283.0080	13.96564	6.2	B8Vnn	7109	174853	V822 Her	Hercules	799.0197	-0.008	6.12	6.3
7130		HIP 92599	283.0302	41.38324	6.269	B9IIIpSi	7118	175132		Lyra	1220.974	-0.083		
7131		HIP 92608	283.0497	-41.70919	6.45	K3III		174407		CoronaAu	682.0085	1.426		
7132		HIP 92609	283.0543	-62.18759	4.207	B2Ve	7074	173948	λ Pavonis	Pavo	1811.113	-0.15	4	4.26
7133		HIP 92614	283.0684	21.42514	5.393	B9pHg	7113	174933	112 Her	Hercules	459.1548	-0.068		
7134			283.092	-20.229	6.3	Open Cluster			Cl Collinde	Sagittarius				
7135		HIP 92630	283.1134	-46.59512	5.49	M0III	7092	174387		Telescopi	956.0116	1.641		
7136		HIP 92635	283.1179	-26.65077	6.29	G8/K0III	7103	174630	109 G. Sgr	Sagittariu	386.2547	0.941		
7137		HIP 92643	283.1543	-29.37967	6.098	K1III	7104	174631	108 G. Sgr	Sagittariu	493.1925	1.344		
7138		HIP 92646	283.1651	-52.10736	5.173	G8/K0III	7087	174295	κ Telescop	Telescopi	292.9023	0.962		
7139		HIP 92669	283.2495	-46.58633	6.16	A1IV/V	7097	174500		Telescopi	802.9545	0.051		
7140		HIP 92674	283.2575	-9.575521	6.321	A4V	7110	174866		Scutum	331.6366	0.2		

7141		HIP 92676	283.2597	-48.36091	6.168	A2V	7095	174474		Telescopiu	289.5203	0.124			
7142		HIP 92687	283.3000	-51.93143	6.286	B3/5III	7093	174430		Telescopiu	1831.462	-0.092			
7143		HIP 92689	283.3064	50.70822	4.92	G7IIIaFe-1	7137	175535		Draco	337.1265	0.903			
7144		HIP 92728	283.4314	36.97171	5.573	B2V	7131	175426	δ 1 Lyrae	Lyra	1079.471	-0.138			
7145		HIP 92731	283.4429	57.48655	6.232	K5III:	7153	175823		Draco	630.5624	1.243			
7146		HIP 92747	283.5003	-21.35984	5.678	G8/K0II	7114	174947	33 Sgr	Sagittariu	1734.043	1.206			
7147	Ainalrami	HIP 92761	283.5424	-22.74483	4.845	K1II	7116	174974	v 1 Sagitta	Sagittariu	1773.844	1.406			
7148		HIP 92768	283.5551	27.90952	5.62	K4III	7132	175443		Lyra	405.4724	1.361			
7149			283.568	36.899	3.8	Open Cluster			NAME del	Lyra					
7150		HIP 92782	283.5993	71.29719	4.814	K0IIICN0.5	7180	176524	υ Draconi	Draco	344.2463	1.151			
7151		HIP 92791	283.6261	36.89861	4.3	M4II	7139	175588	δ 2 Lyrae	Lyra	898.0716	1.575	4.22	4.33	
7152		HIP 92814	283.6796	-15.60303	5.086	B3II	7119	175156		Scutum	1663.265	0.141			
7153		HIP 92818	283.6870	22.64507	4.6	G8III+:+A(	7133	175492	113 Her	Hercules	485.8412	0.782			
7154		HIP 92822	283.6963	48.85940	5.836	F3III	7154	175824		Draco	172.5782	0.452			
7155		HIP 92824	283.6964	-87.60584	5.278	K3III	6721	164461	χ Octantis	Octans	249.6173	1.304			
7156		HIP 92831	283.7174	41.60272	5.44	G8III	7146	175740		Lyra	267.4325	1.034			
7157		HIP 92833	283.7187	33.96857	6.03	G5III+A8	7140	175635		Lyra	1330.611	0.922			
7158		HIP 92845	283.7797	-22.67128	4.98	K3-II-III:CN	7120	175190	v 2 Sagitta	Sagittariu	270.0911	1.348			
7159	Nunki	HIP 92855	283.8163	-26.29672	2.067	B2.5V	7121	175191	σ Sagittar	Sagittariu	224.2091	-0.134			
7160			283.8292	-30.5453	3.6	Galaxy			NAME SD(	Sagittarius					
7161		HIP 92862	283.8337	43.94608	4	M4.5III	7157	175865	R Lyr	Lyra	349.4101	1.397	3.88	5	
7162		HIP 92866	283.8481	-37.38658	6.47	K1III		175093		CoronaAu	423.9273	1.122			
7163		HIP 92872	283.8644	6.615301	5.566	G9III	7135	175515	62 Ser	Aquila	292.6392	1.041			
7164		HIP 92882	283.8791	-16.37663	5.546	F5V	7126	175317	114 G. Sgr	Sagittariu	104.3532	0.445			
7165		HIP 92931	284.0028	-23.17375	5.93	B5/7III	7128	175360	116 G. Sgr	Sagittariu	890.7105	-0.021			
7166	Alya	HIP 92946	284.0549	4.203606	4.57	A5V	7141	175638	θ 1 Serpei	Serpens	155.0000	0.161			
7167		HIP 92951	284.0610	4.202127	4.98	A5Vn	7142	175639	θ 2 Serpei	Serpens	155.0000	0.204			
7168		HIP 92953	284.0706	-42.71067	5.346	K0III	7122	175219		CoronaAu	309.8859	0.998			
7169		HIP 92963	284.0944	-1.799862	6.196	B9IIIpHgM	7143	175640	6 G. Aql	Aquila	524.9612	-0.046			
7170		HIP 92968	284.1066	2.471190	6.132	G8III	7144	175679	73 G. Ser (	Serpens	523.2758	0.961			

7171		HIP 92969	284.10715	65.25808	5.621	G8III	7187	176598		Draco	313.7633	0.938	
7172		HIP 92972	284.11349	-31.68902	6.45	K2III		175390	115 G. Sgr	Sagittarius	730.9411	1.223	
7173		HIP 92989	284.16869	-37.34325	5.38	B3V	7129	175362	V686 CrA	CoronaAu	425.0324	-0.147	5.25	5.41
7174		HIP 92997	284.18764	57.81481	5.663	K1III	7175	176408	48 Dra	Draco	285.9650	1.155		
7175		HIP 93012	284.22793	-62.80190	6.453	K3III	7111	174877		Pavo	1135.888	1.535		
7176		HIP 93015	284.23762	-67.23349	4.4	G5Iab/b	7107	174694	κ Pavonis	Pavo	543.3346	0.53	3.91	4.78
7177			284.25681	32.90131	5.277	F9V	7162	176051A		Lyra	48.83156	0.594		
7178		HIP 93026	284.26529	-5.846315	4.818	K1-III	7149	175751	η Scuti	Scutum	206.7215	1.057		
7179		HIP 93049	284.30963	-43.91700	6.27	B9V		175395		CoronaAu	711.7919	-0.073		
7180		HIP 93051	284.31912	2.535346	5.551	B8/9II	7158	175869	64 Ser	Serpens	1101.352	0.004		
7181		HIP 93053	284.32224	62.39677	6.49	G6III	7191	176668		Draco	304.6728	0.927		
7182		HIP 93057	284.33532	-20.65634	5.054	B9/A0Ib	7145	175687	ξ 1 Sagitta	Sagittarius	5015.381	0.137		
7183		HIP 93068	284.36866	58.22502	6.45	A2V	7184	176560		Draco	379.5097	0.072		
7184		HIP 93074	284.39331	-39.82319	6.284	A5IV/V	7136	175529		CoronaAu	201.1104	0.21		
7185		HIP 93085	284.43250	-21.10665	3.51	G8/K0II/II	7150	175775	ξ 2 Sagitta	Sagittarius	372.1454	1.151		
7186		HIP 93104	284.50790	38.26618	5.883	B7IV	7174	176318	V542 Lyr	Lyra	515.8234	-0.09		
7187		HIP 93124	284.56145	17.36091	5.38	F6Ib	7165	176155	FF Aql	Aquila	2469.698	0.731	5.18	5.68
7188		HIP 93134	284.58866	-31.03597	6.08	K3III	7151	175794	121 G. Sgr	Sagittarius	436.4131	1.347		
7189		HIP 93138	284.59877	6.239929	6.207	F5IV	7163	176095	7 G. Aql	Aquila	184.8071	0.478		
7190		HIP 93140	284.60346	-22.52949	6.141	A1V	7159	175892	123 G. Sgr	Sagittarius	254.8867	0.087		
7191		HIP 93148	284.61570	-52.93862	4.838	B9.5IV/V	7134	175510	λ Telescop	Telescopiu	530.9433	-0.051		
7192		HIP 93163	284.65186	-60.20054	5.14	K2IIICNIV	7127	175329	ω Pavonis	Pavo	515.8234	1.355		
7193		HIP 93174	284.68076	-37.10732	4.85	F4VFe-0.8	7152	175813	ϵ Coronae	CoronaAu	97.51740	0.396	4.74	5
7194		HIP 93175	284.68773	19.79439	6.494	B7III-IV	7171	176301		Sagitta	1928.994	-0.048		
7195		HIP 93177	284.69411	40.67919	6.192	B3V	7179	176502	V543 Lyr	Lyra	947.6758	-0.146		
7196		HIP 93179	284.69551	13.90665	5.89	A7VpSrEu	7167	176232	10 Aql	Aquila	242.3791	0.251	5.83	5.93
7197	Sulafat	HIP 93194	284.73592	32.68955	3.25	B9.5II-III	7178	176437	γ Lyrae	Lyra	634.2430	-0.049		
7198		HIP 93197	284.74748	50.80914	6.338	G8III	7196	176707		Draco	432.3609	0.979		
7199		HIP 93203	284.77391	13.62224	5.258	F8V	7172	176303	11 Aql	Aquila	155.3120	0.573		
7200		HIP 93209	284.79568	-39.53471	6.497	B9.5V	7156	175855		CoronaAu	485.8412	-0.04		

7201		HIP 93210	284.80121	39.21732	6.403	B5V	7185	176582		Lyra	821.1584	-0.168
7202		HIP 93225	284.84917	-12.84051	5.51	B3/5V	7166	176162	126 G. Sgr	Sagittarius	514.1967	-0.038
7203		HIP 93234	284.86157	-18.56643	6.378	G3II	7164	176123	125 G. Sgr	Sagittarius	829.5170	0.962
7204		HIP 93238	284.87195	-70.46865	6.48	A8V		175007		Pavo	350.5381	0.305
7205		HIP 93244	284.90565	15.06828	4.02	K1-IIICN0.	7176	176411	ϵ Aquilae	Aquila	153.6288	1.082
7206		HIP 93256	284.93951	26.23040	5.261	K2III	7181	176527		Lyra	348.2920	1.228
7207		HIP 93270	284.99212	22.81451	6.29	M3III	7183	176541	V387 Vul	Vulpecula	756.3822	1.672
7208		HIP 93279	285.00344	32.14551	4.93	K2.5III:Ba(	7192	176670	λ Lyrae	Lyra	1537.736	1.465
7209		HIP 93287	285.01485	-66.65361	5.971	K0III	7130	175401		Pavo	438.7635	0.977
7210		HIP 93299	285.05695	50.53346	5.377	B2.5IV	7210	177003	LV Dra	Draco	623.3285	-0.182
7211		HIP 93315	285.10338	-24.94216	6.356	K0III	7168	176246	127 G. Sgr	Sagittarius	808.9334	1.253
7212		HIP 93340	285.18106	55.65830	5.513	G6IIbFe-0	7218	177249	49 Dra	Draco	494.6888	0.862
7213		HIP 93354	285.23006	33.80215	6.038	K0III:	7204	176896		Lyra	395.6304	0.983
7214		HIP 93371	285.26792	-37.06157	6.4	B9V	7170	176270		CoronaAu	252.3221	0.02
7215		HIP 93374	285.27266	19.30956	6.46	K1III	7198	176776		Sagitta	456.5827	1.114
7216		HIP 93393	285.32232	26.29141	5.687	B5V	7202	176871		Lyra	696.5807	-0.086
7217		HIP 93408	285.35992	46.93476	5.006	A6IV	7215	177196	16 Lyr	Lyra	127.6430	0.186
7218		HIP 93418	285.38965	-15.28261	6.32	K0III	7186	176593	129 G. Sgr	Sagittarius	559.1782	0.963
7219		HIP 93423	285.40725	-22.69536	6.215	K3III	7182	176537	128 G. Sgr	Sagittarius	1523.365	1.647
7220		HIP 93429	285.42012	-5.739089	4.02	K1III	7193	176678	12 Aql	Aquila	148.5194	1.079
7221		HIP 93437	285.45154	33.62126	6.381	B5IV	7212	177109		Lyra	1108.843	-0.117
7222		HIP 93443	285.45596	22.26441	6.45	A4V	7207	176971		Vulpecula	413.7071	0.13
7223		HIP 93466	285.52930	52.26105	6.389	G8III	7229	177483		Draco	641.7312	0.983
7224		HIP 93470	285.53550	-41.91050	6.209	A0V	7177	176425		CoronaAu	352.4322	0.001
7225		HIP 93488	285.58986	8.373537	6.271	K3III	7208	176981	12 G. Aql	Aquila	848.9597	1.648
7226		HIP 93498	285.61531	-24.84682	5.628	K2III	7195	176704	131 G. Sgr	Sagittarius	276.0373	1.232
7227	Ascella	HIP 93506	285.65304	-29.88006	2.59	A2.5Va	7194	176687	ζ Sagittari	Sagittarius	89.04661	0.062
7228		HIP 93523	285.71925	19.66101	6.094	K1III	7216	177199		Sagitta	1537.736	1.317
7229		HIP 93526	285.72708	-3.698968	5.4	B9IV	7209	176984	14 Aql	Aquila	499.2333	-0.005
7230		HIP 93537	285.76585	-19.24568	6	K0II/III	7203	176884	132 G. Sgr	Sagittarius	1481.817	1.158

7231		HIP 93542	285.77865	-42.09510	4.725	B9.5Vann	7188	176638	ζ Coronae	CoronaAu	183.66195	-0.027		
7232		HIP 93543	285.77915	-19.10302	6.357	F5V	7205	176903	133 G. Sgr	Sagittariu	265.04071	0.48		
7233		HIP 93552	285.82373	-38.25314	5.716	F2III/IV	7197	176723	V701 CrA	CoronaAu	210.73039	0.328	5.69	5.73
7234		HIP 93574	285.87347	-68.75558	5.861	G0IV	7161	175986		Pavo	184.70254	0.553		
7235		HIP 93580	285.88435	1.818734	5.815	A4IV/V	7214	177178	13 G. Aql	Aquila	179.91164	0.182		
7236		HIP 93624	285.98982	-51.01860	5.928	K0/1III	7190	176664		Telescopiu	291.85324	1.236		
7237		HIP 93629	286.00423	-57.95996	6.3	G6II/III		176522		Pavo	564.99081	0.857		
7238		HIP 93667	286.10440	-31.04708	5.482	A0V	7211	177074	134 G. Sgr	Sagittariu	546.06324	0.026		
7239		HIP 93683	286.17075	-21.74149	3.77	G9IIIb	7217	177241	ο Sagittari	Sagittariu	138.78249	1.012		
7240		HIP 93713	286.22985	53.396655	5.38	A0Vn	7251	178207	51 Dra	Draco	349.03528	-0.014		
7241		HIP 93717	286.24030	-4.031422	5.394	K0/1III	7225	177463	15 Aql	Aquila	324.70133	1.12		
7242		HIP 93718	286.24114	31.744070	5.56	M0III	7237	177808		Lyra	605.94946	1.548		
7243		HIP 93720	286.24286	30.733404	6.06	M2III	7238	177809		Lyra	742.59567	1.575		
7244		HIP 93733	286.29100	49.923164	6.43	K3III	7252	178208		Draco	583.18487	1.348		
7245	Okab	HIP 93747	286.35253	13.863477	2.99	A0IV-Vnn	7235	177724	ζ Aquilae	Aquila	83.205666	0.014		
7246		HIP 93763	286.42158	-15.66041	5.97	B8III(pSi)	7230	177517	138 G. Sgr	Sagittariu	869.33474	-0.015		
7247		HIP 93770	286.44636	29.921675	6.31	M0III	7244	178003		Lyra	1309.2360	1.668		
7248		HIP 93805	286.56224	-4.882562	3.43	B8.5V	7236	177756	λ Aquilae	Aquila	125.14395	-0.096		
7249		HIP 93808	286.57098	41.413782	6.496	B3V	7258	178329	V550 Lyr	Lyra	2037.5007	-0.147		
7250		HIP 93815	286.58315	-52.34091	5.174	F6V	7213	177171	ρ Telescop	Telescopiu	170.94925	0.532		
7251		HIP 93820	286.59271	8.230003	6.09	M6.5-9e	7243	177940	R Aql	Aquila	689.21641	1.136	5.5	12
7252		HIP 93825	286.60459	-37.06370	6.42	F8/G1	7227	177475	* gam CrA	CoronaAu	58.328925	0.523		
7253		HIP 93825	286.60462	-37.06344	4.21	F8V+F8V	7226	177474	γ 1 Coron	CoronaAu	58.328925	0.523		
7254		HIP 93825	286.60506	-37.06327	4.53	F8V	7226	177474	* gam CrA	CoronaAu	58.328925	0.523		
7255		HIP 93843	286.65722	28.628595	5.55	F0III	7253	178233		Lyra	133.06118	0.296		
7256		HIP 93845	286.65998	24.250782	5.79	A4III	7250	178187		Vulpecula	331.97570	0.104		
7257		HIP 93855	286.71716	-16.22925	6.11	B7IV	7239	177817	141 G. Sgr	Sagittariu	893.15230	-0.025		
7258		HIP 93858	286.71860	-37.81065	6.16	G6V	7232	177565		CoronaAu	55.975204	0.705		
7259		HIP 93860	286.72840	-50.32314	6.274	B9V		177365		Telescopiu	519.93759	-0.057		
7260		HIP 93862	286.73169	-48.29914	5.951	A0V	7223	177406		Telescopiu	349.41019	-0.017		

7261		HIP 93864	286.7350	-27.67041	3.31	K1.5IIIb	7234	177716	τ Sagittari	Sagittariu	120.3396	1.169		
7262		HIP 93867	286.7441	11.07122	5.086	B8III	7248	178125	18 Aql	Aquila	506.9986	-0.055	5.02	5.06
7263		HIP 93887	286.7846	-18.73816	6.293	B8V	7241	177863	V4198 Sgr	Sagittariu	724.4439	-0.044	6.23	6.29
7264		HIP 93903	286.8255	36.10015	5.253	B6IV	7262	178475	ι Lyrae	Lyra	831.6328	-0.109		
7265		HIP 93917	286.8565	32.50176	5.22	F0V	7261	178449	17 Lyr	Lyra	132.3051	0.367		
7266		HIP 93925	286.8785	-28.63680	6.027	K3III	7240	177846	140 G. Sgr	Sagittariu	915.7310	1.579		
7267		HIP 93966	286.9888	16.85338	6.07	G4.5V	7260	178428		Sagitta	68.31528	0.705		
7268		HIP 93975	287.0146	21.69892	6.211	F3V	7263	178476		Vulpecula	142.7945	0.434		
7269		HIP 93990	287.0572	1.298652	6.5	G0/2Ib		178359		Aquila	7951.208	1.27	6.46	7.7
7270		HIP 93993	287.0606	-24.65737	6.3	A0IIIe	7246	178075	143 G. Sgr	Sagittariu	672.1666	0.011		
7271		HIP 93996	287.0695	-19.29028	5.49	B2Ve	7249	178175	V4024 Sgr	Sagittariu	1530.518	-0.087	5.34	5.6
7272		HIP 94005	287.0873	-40.49669	4.571	K1III	7242	177873	δ Coronae	CoronaAu	174.6118	1.07		
7273		HIP 94013	287.1074	52.42573	5.893	K1IIIe	7275	179094	V1762 Cyg	Cygnus	228.9326	1.086	5.81	6.03
7274		HIP 94054	287.2180	-55.72042	6.45	K1III	7233	177693		Telescopiu	405.4724	1.101		
7275		HIP 94068	287.2496	6.073217	5.23	F0III-IV	7266	178596	19 Aql	Aquila	141.9860	0.346		
7276		HIP 94083	287.2911	76.56050	5.107	A7V	7312	180777	59 Dra	Draco	88.97390	0.308		
7277	Meridiana	HIP 94114	287.3680	-37.90447	4.087	A2Va	7254	178253	α Coronae	CoronaAu	129.6222	0.042		
7278		HIP 94130	287.4156	-39.82723	6.435	K0III	7255	178254		CoronaAu	349.7850	1.064		
7279		HIP 94140	287.4408	65.97851	6.26	A0V	7290	179933	55 Dra	Draco	321.1824	0.008		
7280	Albaldah	HIP 94141	287.4409	-21.02361	2.88	F2II-III	7264	178524	π Sagittar	Sagittariu	439.9469	0.377		
7281		HIP 94144	287.4506	-19.80365	6.11	K1III	7265	178555	148 G. Sgr	Sagittariu	391.8260	1.156		
7282		HIP 94149	287.4649	-0.428112	6.321	B7IV	7269	178744	25 G. Aql	Aquila	873.9965	-0.042		
7283		HIP 94150	287.4702	-68.42444	5.305	K0IV	7221	177389		Pavo	120.1623	0.901		
7284		HIP 94157	287.4902	-41.89224	5.855	B5V+B6V	7257	178322		CoronaAu	817.0443	-0.08		
7285		HIP 94160	287.5073	-39.34079	4.095	K0II/IIICNI	7259	178345	β Coronae	CoronaAu	507.7875	1.163		
7286		HIP 94243	287.7579	-39.00470	6.344	B7II/III	7268	178628		CoronaAu	2629.034	0.006		
7287		HIP 94272	287.8284	-29.50229	6.272	B8V	7270	178840	150 G. Sgr	Sagittariu	501.5381	-0.031		
7288		HIP 94280	287.8465	40.42909	6.188	A3V	7284	179583		Lyra	471.0995	0.093		
7289		HIP 94290	287.8790	26.73587	6.336	F5V	7280	179422		Lyra	140.5171	0.444		
7290		HIP 94302	287.9190	56.85920	5.125	G8III	7295	180006	53 Dra	Draco	340.6473	1.008		

7291		HIP 94311	287.9417(	31.28345(	5.932	B8IIIpSiSr	7283	179527	19 Lyr	Lyra	978.97835	-0.062	5.91	5.98
7292			288.0209:	49.855748	6.47	G2V	7293	179958		Cygnus	81.175333	0.666		
7293		HIP 94372	288.1168:	-21.65838	6.39	K0III	7276	179201	151 G. Sgr	Sagittariu:	457.22169	1.129		
7294	Altais	HIP 94376	288.1387:	67.661538	3.07	G9III	7310	180711	δ Draconis	Draco	100.18439	0.99		
7295		HIP 94382	288.1530:	21.554573	6.04	A2Vn	7286	179648		Vulpecula	1006.1732	0.069		
7296		HIP 94385	288.1696:	-7.939517	5.34	B2/3II	7279	179406	20 Aql	Aquila	1216.4172	0.094		
7297		HIP 94398	288.1922-	-50.48641	6.13	G8III	7271	178845		Telescopiu	457.22169	0.954		
7298		HIP 94434	288.3069-	-25.90678	5.765	K2III	7277	179323	152 G. Sgr	Sagittariu:	2116.8850	1.387		
7299		HIP 94437	288.3146:	-12.28258	5.51	K3III	7282	179497	153 G. Sgr	Sagittariu:	564.99081	1.442		
7300		HIP 94477	288.4279:	2.2936973	5.15	B8III	7287	179761	21 Aql	Aquila	640.47287	-0.071	5.06	5.16
7301		HIP 94478	288.4334(	5.5156107	6.49	A3V	7288	179791		Aquila	598.16458	0.1		
7302	Aladfar	HIP 94481	288.4395:	39.145966	4.398	B6	7298	180163	η Lyrae	Lyra	1041.5345	-0.15		
7303		HIP 9449(	288.4796-	57.705079	5.003	K2III	7309	180610	54 Dra	Draco	161.86688	1.156		
7304		HIP 94556	288.6648:	-45.19352	5.909	G8III	7281	179433		CoronaAu	295.55758	0.902		
7305		HIP 94598	288.7612:	20.203116	6.028	G8III	7299	180242		Sagitta	724.44398	0.895		
7306		HIP 9462(	288.8223:	21.232117	5.642	A4V	7301	180317	1 Sge	Sagitta	317.73895	0.121		
7307		HIP 94623	288.8299(	50.071121	6.31	G8III	7311	180756		Cygnus	342.43704	0.93		
7308		HIP 94624	288.8337(	15.083652	5.571	G8II-III	7300	180262		Aquila	612.78242	1.067		
7309		HIP 9463(	288.8535:	30.526382	5.85	M0III	7302	180450		Lyra	1375.5281	1.665		
7310		HIP 94643	288.8851-	-25.25668	4.86	K0/1III+A/	7292	179950	ψ Sagittar	Sagittariu:	329.62524	0.569		
7311		HIP 94648	288.8874:	73.355521	4.45	K2+IIIbCN	7352	181984	τ Draconis	Draco	150.02296	1.257		
7312	Gumala	HIP 94645	288.8884:	-24.17935	6.237	F8V	7291	179949		Sagittariu:	88.225337	0.54		
7313		HIP 94646	288.8890(	18.516347	6.457	M2III		180377		Sagitta	1072.3676	1.743		
7314		HIP 94685	288.9978:	27.926301	6.153	F8Ib-II	7308	180583	V473 Lyr	Lyra	1680.4132	0.634	5.99	6.35
7315		HIP 94703	289.0543:	21.390429	4.77	B4IV	7306	180554	1 Vul	Vulpecula	910.61613	-0.058		
7316		HIP 94712	289.0905(	-45.46602	5.371	K3III	7289	179886		Telescopiu	533.55135	1.349		
7317		HIP 94713	289.0920:	38.133742	4.38	K0II	7314	180809	θ Lyrae	Lyra	768.86801	1.258		
7318		HIP 9472(	289.1116-	14.544611	5.63	B9.5V	7307	180555		Aquila	371.72163	-0.02		
7319		HIP 94724	289.1192:	-69.19082	6.255	A6IV/V	7274	179009	τ Pavonis	Pavo	618.59500	0.193		
7320		HIP 94727	289.1292(	4.8347934	5.569	A1V	7303	180482	22 Aql	Aquila	546.06324	0.101		

7321	HIP 9473(	289.1365	-33.52231	6.25	Cpec	7296	180093		Sagittariu	9055.566(	0.692	5.8	14
7322	HIP 9477(	289.2521	-65.22770	6.39	B8IVe		179419		Pavo	699.5701	-0.046		
7323	HIP 9477(	289.2757(	53.36845	3.76	G9III	7328	181276	κ Cygni	Cygnus	123.1119	0.95		
7324	HIP 9478(	289.3008	-66.66095	6.39	~	7278	179366B		Pavo	296.3637	0.17		
7325		289.3010	-66.66105	6.1	~	7278	179366A		Pavo	296.3637	0.17		
7326	HIP 9482(	289.4086(	-18.95290	4.878	G8II-III	7304	180540	43 Sgr	Sagittariu	535.3052	1.013		
7327	HIP 9482(	289.4318	23.02553	5.43	B1IIIn	7318	180968	2 Vul	Vulpecula	1917.646	0.02	5.42	5.48
7328	HIP 9483(	289.4508(	2.031724	6.174	A0V	7313	180782	34 G. Aql	Aquila	275.3380	0.019		
7329	HIP 9483(	289.4541(	11.59542	5.283	F0IV	7315	180868	ω 1 Aquil	Aquila	422.2809	0.196		
7330	HIP 9485(	289.5407	-53.38708	6.362	F7V	7297	180134		Telescopiu	148.5872	0.505		
7331	HIP 9488(	289.6353	1.085128	5.28	K1II/III	7319	180972	23 Aql	Aquila	380.8398(	1.143		
7332	HIP 9489(	289.6577	49.56945	6.317	K1III	7341	181597		Cygnus	413.1823	1.123		
7333	HIP 9491(	289.7122	0.339040	6.404	K0-IIIa:CH	7321	181053	24 Aql	Aquila	488.0254	1.05		
7334	HIP 9491(	289.7198(	9.618068	6.311	K1III	7325	181122	37 G. Aql	Aquila	516.6417	1.065		
7335	HIP 9492(	289.7503	-15.53656	6.06	K4III	7317	180928	163 G. Sgr	Sagittariu	516.6417	1.42		
7336	HIP 9493(	289.7547	37.44534	6.26	A0III	7338	181470		Lyra	662.6017(	0.012		
7337	HIP 9497(	289.9018	54.37599	6.231	A1V	7351	181960		Cygnus	449.6552	0.03		
7338	HIP 9498(	289.9139	12.37467	5.518	F0III	7331	181333	28 Aql	Aquila	347.1770	0.265	5.51	5.56
7339	HIP 9498(	289.9166	-35.42145	5.579	B6IIIe	7316	180885	162 G. Sgr	Sagittariu	1841.809	-0.122		
7340	HIP 9500(	289.9711	11.53496	6.012	A2V	7332	181383	ω 2 Aquil	Aquila	278.3946	0.087		
7341	HIP 9503(	290.0668	57.64512	5.91	M1III	7356	182190		Draco	881.0805	1.626		
7342	HIP 9506(	290.1371(	-5.415768	4.99	G8/K0IV	7333	181391	26 Aql	Aquila	153.9917(	0.937		
7343	HIP 9506(	290.1377	35.18596(	6.29	B9V	7346	181828		Lyra	726.0576	-0.092		
7344	HIP 9507	290.1486	-0.892159	5.451	B9.5III	7336	181440	27 Aql	Aquila	509.3751	-0.041		
7345	HIP 9507	290.1589	-22.40254	5.579	A8III	7327	181240	165 G. Sgr	Sagittariu	186.0730	0.276		
7346	HIP 9508	290.1670	65.71453	4.59	A0III	7371	182564	π Draconi	Draco	224.5179(	0.033		
7347	HIP 9514	290.3738(	-34.98343	6.48	G2V	7330	181321	166 G. Sgr	Sagittariu	67.98765(	0.628		
7348	HIP 9515	290.3979	76.55959	5.94	C-N5		183556	UX Dra	Draco	1862.859	2.673	5.94	7.1
7349	HIP 9515	290.4046	-19.23445	6.26	B5III	7339	181558	V4199 Sgr	Sagittariu	679.1658	-0.091	6.18	6.26
7350	HIP 9516	290.4180	79.60283(	6.06	A3V	7423	184102		Draco	308.7123	0.072		

7351		HIP 95168	290.41816	-17.84719	3.93	A9IV	7340	181577	ρ 1 Sagitta	Sagittarius	121.68737	0.228	3.9	3.94
7352		HIP 95176	290.43176	-15.95501	4.61	B2Vp_sh	7342	181615	υ Sagittari	Sagittarius	1671.7970	0.079	4.53	4.61
7353		HIP 95188	290.46206	-18.30838	5.845	K0III	7344	181645	ρ 2 Sagitta	Sagittarius	358.63595	1.062		
7354		HIP 95211	290.53969	-42.01602	6.338	K1III	7334	181401	167 G. Sgr	Sagittarius	321.49904	1.129		
7355		HIP 95222	290.58978	-0.252363	5.811	K1III	7349	181907	42 G. Aql	Aquila	363.03047	1.093		
7356		HIP 95235	290.63897	33.518162	6.084	K0III	7359	182272		Lyra	338.52504	1.052		
7357		HIP 95239	290.65728	-51.23128	6.42	F0V		181295		Telescopiu	231.86367	0.328		
7358	Arkab Pric	HIP 95241	290.65958	-44.45895	4.01	B9V	7337	181454	β 1 Sagitta	Sagittarius	378.18948	-0.085		
7359		HIP 95253	290.70146	9.9131502	6.346	F6V	7354	182101	44 G. Aql	Aquila	116.47006	0.458		
7360		HIP 95260	290.71202	26.262407	5.192	B7V	7358	182255	3 Vul	Vulpecula	402.46996	-0.119	5.18	5.21
7361		HIP 95261	290.71335	-54.42392	5.02	A0V	7329	181296	η Telescop	Telescopiu	155.38600	0.02		
7362		HIP 95281	290.76853	-7.400617	6.308	K3III	7353	182038	43 G. Aql	Aquila	493.19254	1.455		
7363	Arkab Pos	HIP 95294	290.80473	-44.79977	4.27	F2/3V	7343	181623	β 2 Sagitta	Sagittarius	138.60547	0.35		
7364		HIP 95340	290.94554	20.264359	6.393	B9.5V	7364	182422		Vulpecula	1131.9441	0.013		
7365	Rukbat	HIP 95347	290.97156	-40.61593	3.943	B8V	7348	181869	α Sagittari	Sagittarius	169.79162	-0.105		
7366		HIP 95352	290.98541	43.388168	5.853	G7IIIa	7382	182694		Lyra	404.46508	0.924		
7367		HIP 95369	291.02282	-68.37108	6.336	K2III	7320	181019		Pavo	676.34919	1.238		
7368		HIP 95370	291.02522	36.452093	6.43	K1III	7376	182635		Lyra	360.22035	1.074		
7369		HIP 95372	291.03157	29.621335	4.977	B3/4+B6/9	7372	182568	2 Cyg	Cygnus	774.34808	-0.12		
7370		HIP 95396	291.08947	-43.72206	6.132	M1/2III	7350	181925	178 G. Sgr	Sagittarius	579.04141	1.603		
7371		HIP 95398	291.09196	16.937721	6.247	A2III-IV	7369	182490	2 Sge	Sagitta	355.11845	0.075		
7372		HIP 95408	291.12575	-27.86594	6.011	B2Vnn	7355	182180	179 G. Sgr	Sagittarius	1314.5172	-0.117		
7373		HIP 95453	291.25637	-4.884561	6.499	F0V	7366	182475		Aquila	328.62768	0.34	6.82	6.86
7374		HIP 95456	291.26684	-29.30935	5.93	K3III	7360	182286	180 G. Sgr	Sagittarius	270.09110	1.278		
7375		HIP 95477	291.31871	-24.50856	5.009	A3/5IV/V	7362	182369	χ 1 Sagitta	Sagittarius	220.56842	0.235		
7376		HIP 95485	291.33997	-13.89711	5.71	K2III	7367	182477	184 G. Sgr	Sagittarius	722.83680	1.372		
7377		HIP 95487	291.34329	20.271726	6.287	A0V	7384	182761		Vulpecula	399.50988	-0.014		
7378			291.35	20.1833	3.6	Cluster			Cl Collinde	Vulpecula				
7379		HIP 95498	291.36917	19.798352	5.16	G9III	7385	182762	4 Vul	Vulpecula	236.57470	0.999		
7380		HIP 95503	291.37358	-23.96245	5.43	K3III	7363	182416	χ 3 Sagitta	Sagittarius	505.42732	1.442		

7381		HIP 95501	291.37458	3.114779	3.36	F1IV-V(n)	7377	182640	δ Aquilae	Aquila	50.11534	0.319		
7382		HIP 95556	291.53802	36.31789	5.15	B8pSi(FeII	7395	183056	4 Cyg	Cygnus	653.3074	-0.12		
7383		HIP 95557	291.54601	-15.05325	5.706	B7IV	7378	182645	187 G. Sgr	Sagittarius	862.4333	0.007		
7384		HIP 95560	291.55519	20.09773	5.591	A0V	7390	182919	5 Vul	Vulpecula	218.2062	-0.006		
7385		HIP 95564	291.57982	-21.77669	5.569	K1/2III	7375	182629	50 Sgr	Sagittarius	556.3126	1.228		
7386		HIP 95572	291.60056	13.02380	5.754	F6III	7389	182900		Aquila	181.5145	0.456		
7387		HIP 95576	291.61040	62.55716	6.38	K5III	7413	183611		Draco	682.0085	1.413		
7388		HIP 95582	291.61952	19.89149	5.87	M0III	7391	182955		Vulpecula	454.6723	1.558		
7389		HIP 95585	291.62953	0.338570	4.72	F2Ib	7387	182835	ν Aquilae	Aquila	11642.86	0.576		
7390		HIP 95619	291.73534	-29.74322	5.644	B8.5V	7380	182681	186 G. Sgr	Sagittarius	225.2937	-0.014		
7391		HIP 95656	291.85816	52.32043	5.75	A1V	7408	183534	ι 1 Cygni	Cygnus	361.4200	-0.002		
7392		HIP 95664	291.89128	14.28248	6.303	B4III	7396	183144		Aquila	833.7583	-0.068		
7393		HIP 95673	291.90165	37.94119	6.34	B3Ve	7403	183362		Lyra	2063.290	-0.12		
7394		HIP 95690	291.95048	-54.32527	5.688	K4III	7370	182509		Telescopiu	579.0414	1.406		
7395		HIP 95732	292.08665	2.930032	5.839	B7III	7397	183227	49 G. Aql	Aquila	1025.156	-0.003		
7396	Anser	HIP 95771	292.17637	24.66490	4.45	M0.5IIIb	7405	183439	α Vulpecu	Vulpecula	296.3637	1.502		
7397		HIP 95785	292.23784	24.76868	5.812	K0III	7406	183491	8 Vul	Vulpecula	483.6798	1.023		
7398		HIP 95793	292.25411	1.950449	5.783	A0IVp	7400	183324	35 Aql	Aquila	192.3306	0.088		
7399		HIP 95812	292.32509	0.246074	6.245	K2III	7404	183387	52 G. Aql	Aquila	602.5884	1.317		
7400		HIP 95818	292.33707	20.27974	6.326	B5Vn	7409	183537	7 Vul	Vulpecula	759.9062	-0.097		
7401		HIP 95822	292.34230	14.59601	5.564	K0III	7407	183492		Aquila	286.4677	1.05		
7402		HIP 95823	292.34934	-43.44519	5.701	A7VkA2m	7392	183007	189 G. Sgr	Sagittarius	187.1413	0.214		
7403		HIP 95853	292.42649	51.72977	3.755	A5V	7420	184006	ι 2 Cygni	Cygnus	122.4182	0.148		
7404		HIP 95865	292.46744	-26.98560	5.49	K1/2III	7398	183275	193 G. Sgr	Sagittarius	253.6965	1.12		
7405		HIP 95866	292.46920	-55.44175	6.127	K0/1III	7388	182893		Telescopiu	359.4281	0.974		
7406		HIP 95898	292.54389	2.904073	6.042	K5III	7412	183589		Aquila	1663.265	1.82		
7407		HIP 95929	292.63806	3.444405	6.082	B7III	7415	183656	V923 Aql	Aquila	961.6514	-0.019	6.04	6.16
7408		HIP 95932	292.64421	-55.11005	6.285	F5V	7393	183028	μ Telescop	Telescopiu	119.6329	0.45		
7409		HIP 95937	292.66598	-2.788887	5.03	K5III	7414	183630	36 Aql	Aquila	502.3107	1.77		
7410	Albireo	HIP 95947	292.68031	27.95967	3.08	K3II+B9.5V	7417	183912	β 1 Cygni	Cygnus	430.0001	1.088		

7411	Albireo	HIP 95947	292.6803	27.95969	3.2	K3II	7417	183912	* bet01 C	Cygnus		1.43		
7412		HIP 95947	292.6803	27.95961	5.15	B9.5V		183913	* bet01 C	Cygnus		0.07		
7413		HIP 95951	292.6891	27.96527	5.11	B8Ve	7418	183914	β 2 Cygni	Cygnus	400.0001	-0.095		
7414		HIP 95953	292.6951	36.22852	6.258	B9.5III	7419	183986		Cygnus	758.1393	-0.015		
7415		HIP 95965	292.7251	-21.3122	6.13	A2V	7410	183545	197 G. Sgr	Sagittariu	1234.849	0.121		
7416		HIP 95978	292.7511	70.98934	6.062	K2	7450	184958		Draco	623.3285	1.416		
7417		HIP 95999	292.7957	-68.4339	5.961	K4/5III	7383	182709		Pavo	1041.534	1.638		
7418		HIP 96003	292.8064	55.73183	6.369	K2II-III+A0	7428	184398	V1817 Cyg	Cygnus	1051.614	1.123	6.37	6.42
7419		HIP 96014	292.8305	50.30670	5.54	K1III	7427	184293		Cygnus	465.0489	1.274		
7420		HIP 96016	292.8400	26.61717	5.893	K0III-IV	7421	184010		Vulpecula	193.2424	0.915		
7421		HIP 96052	292.9430	34.45296	4.72	B3IV	7426	184171	8 Cyg	Cygnus	626.9243	-0.15		
7422		HIP 96095	293.0583	-44.5463	6.48	F6V		183577	196 G. Sgr	Sagittariu	136.6876	0.526		
7423	Alsafi	HIP 96100	293.0899	69.66117	4.68	K0V	7462	185144	σ Draconi	Draco	18.79932	0.78		
7424		HIP 96141	293.2242	-53.1856	5.744	Fm_dD	7411	183552		Telescopiu	404.9703	0.3		
7425		HIP 96164	293.2919	60.15869	6.29	K4III	7448	184936		Draco	1202.953	1.58		
7426		HIP 96178	293.3400	-45.2717	5.583	ApCrEuSr	7416	183806	PW Tel	Telescopiu	436.4131	-0.02	5.61	5.621
7427		HIP 96198	293.4233	49.26231	5.96	M4.5III	7442	184786	V1743 Cyg	Cygnus	1461.882	1.545	5.96	6.14
7428		HIP 96204	293.4418	5.465702	6.48	M5-M5.5III		184313	V450 Aql	Aquila	660.0002	1.471	6.3	6.65
7429		HIP 96229	293.5223	7.378940	4.45	K3-IIIbFe0	7429	184406	μ Aquilae	Aquila	110.5085	1.176		
7430		HIP 96234	293.5353	-40.0346	5.91	A2V	7422	184035	V4089 Sgr	Sagittariu	435.2460	0.105	5.87	6.07
7431		HIP 96274	293.6414	-23.8588	6.475	K4/5III		184268		Sagittariu	1917.646	1.677		
7432		HIP 96275	293.6454	19.7734	5	B8IIIn	7437	184606	9 Vul	Vulpecula	608.2086	-0.093		
7433		HIP 96288	293.6719	42.41251	5.336	A2V	7444	184875		Cygnus	511.7745	0.06		
7434		HIP 96297	293.6931	63.43417	6.46	K2		185394		Draco	538.8423	1.326		
7435		HIP 96302	293.7122	29.46296	5.407	G8III+A2II	7441	184759	9 Cyg	Cygnus	537.9556	0.581		
7436		HIP 96316	293.7551	52.50201	6.38	K0		185114		Cygnus	365.4722	1.122		
7437		HIP 96327	293.7802	-10.5604	5.12	G8.5IIIa	7430	184492	37 Aql	Aquila	444.1425	1.122		
7438		HIP 96341	293.8041	-48.0991	4.879	K0III	7424	184127	ι Telescop	Telescopiu	398.0461	1.096		
7439		HIP 96351	293.8547	2.913606	6.368	F5V	7438	184663	61 G. Aql	Aquila	137.0325	0.414		
7440		HIP 96356	293.8741	-7.46028	6.325	K0III	7432	184573	60 G. Aql	Aquila	355.1184	1.124		

7441	HIP 96365	293.8894	-12.25311	6.271	K0III	7433	184574	206 G. Sgr	Sagittarius	346.4403	1.089	
7442	HIP 96387	293.9512	36.94454	6.034	B8Vne	7457	185037	11 Cyg	Cygnus	737.5557	-0.08	
7443	HIP 96396	293.9831	50.23861	6.46	G9III	7465	185264		Cygnus	609.3463	1.034	
7444	HIP 96406	294.0068	-24.71908	5.64	A1mA2-F(	7431	184552	51 Sgr	Sagittarius	290.2939	0.185	5.82 5.86
7445	HIP 96417	294.0347	22.58576	6.319	B9IVpSi	7452	184961		Vulpecula	570.9272	-0.059	
7446	HIP 96428	294.0653	14.39106	6.364	K0II-III	7449	184944		Aquila	353.5797	1.045	
7447	HIP 96440	294.1086	-18.85292	6.12	F0V	7439	184705	V4333 Sgr	Sagittarius	239.7059	0.273	5.48 5.6
7448	HIP 96441	294.1105	50.22110	4.48	F3+V	7469	185395	θ Cygni	Cygnus	60.61743	0.395	
7449		294.146	25.163	5.3	Open Cluster			Cl Stock 1	Vulpecula			
7450	HIP 96459	294.1582	44.69493	5.169	G8.5IIIbFe	7468	185351		Cygnus	132.3051	0.928	
7451	HIP 96465	294.1768	-24.88362	4.598	B8/9V	7440	184707	52 Sgr	Sagittarius	189.0950	-0.075	
7452	HIP 96468	294.1803	-1.286599	4.36	B5III	7447	184930	ι Aquilae	Aquila	307.2573	-0.079	
7453		294.2056	50.19992	6.1	S4-8/6e		185456	V* R Cyg	Cygnus			
7454	HIP 96481	294.2185	11.27320	5.975	G0Ib-II	7456	185018		Aquila	1139.859	0.881	
7455	HIP 96483	294.2227	-7.027479	4.96	B0.5IIIn	7446	184915	κ Aquilae	Aquila	1455.359	-0.046	
7456	HIP 96491	294.2360	38.38382	6.5	B5II-III	7467	185330		Cygnus	1258.686	-0.127	
7457	HIP 96496	294.2639	-18.23105	5.642	K0III	7443	184835	209 G. Sgr	Sagittarius	442.3332	1.237	
7458	HIP 96503	294.2900	29.33370	6.43	B5V	7466	185268		Cygnus	873.9965	-0.087	
7459	HIP 96516	294.3224	16.46280	5.659	G8IIIv	7463	185194	ϵ Sagittae	Sagitta	473.1500	1.007	
7460	HIP 96536	294.3933	-14.30179	5.451	F7V	7454	184985	212 G. Sgr	Sagittarius	100.7415	0.501	
7461	HIP 96546	294.4200	35.02253	6.42	K5		185435		Cygnus	1671.797	1.559	
7462	HIP 96556	294.4471	-4.647640	5.68	F5Vm	7460	185124	42 Aql	Aquila	104.6884	0.429	
7463	HIP 96572	294.4862	49.28439	6.46	G6V	7477	185657		Cygnus	503.0866	0.99	
7464	HIP 96601	294.5741	20.78339	6.488	K0III	7472	185436		Vulpecula	571.9313	1.037	
7465	HIP 96607	294.6081	-57.98333	6.187	K0III	7434	184585		Pavo	481.5347	0.973	
7466	HIP 96630	294.7041	3.381526	6.358	B5Ib/II	7471	185423	67 G. Aql	Aquila	2437.824	0.001	
7467	HIP 96665	294.7985	5.397772	5.17	B3V	7474	185507	σ Aquilae	Aquila	682.0085	-0.001	5.14 5.34
7468	HIP 96683	294.8441	30.15332	4.673	G8III-IV	7478	185734	ϕ Cygni	Cygnus	250.7693	0.971	
7469	HIP 96688	294.8555	16.57112	6.344	K4Ib	7475	185622	V340 Sge	Sagitta	2295.774	1.918	
7470	HIP 96693	294.8603	42.81826	5.4	B9III	7483	185872	14 Cyg	Cygnus	684.8740	-0.063	

7471		HIP 96706	294.8939(	45.957438	6.245	G9II-III	7487	185955		Cygnus	402.4699(	0.931		
7472		HIP 96721	294.9240{	-45.27855	6.26	F2IV	7461	185139	QQ Tel	Telescopiu	324.3782	0.293	6.53	6.58
7473		HIP 96724	294.9371{	33.97895	6.09	A3IV	7481	185837		Cygnus	473.8379	0.094		
7474		HIP 96729	294.9560	-23.42768	6.321	A0V	7470	185404	53 Sgr	Sagittariu	405.9777	0.034		
7475		HIP 96734	294.9674	-66.68550	6.37	A1V	7435	184586		Pavo	335.3921{	0.037		
7476			294.9987	-30.96475	6.49	Globular Cluster			M 55	Sagittarius				
7477	Sham	HIP 96757	295.0241	18.01389(	4.38	G1II	7479	185758	α Sagittae	Sagitta	473.1500	0.777		
7478		HIP 96760	295.0298	-23.42908	5.957	K0III	7473	185467	218 G. Sgr	Sagittariu	414.7569	1.038		
7479		HIP 96771	295.0549{	60.50711(	6.5	A5V	7500	186340		Draco	391.3566	0.212		
7480		HIP 96781	295.0779	-54.41778	6.26	K0III	7459	185075		Telescopiu	369.6156	1.001		
7481		HIP 96805	295.1714	43.07825	6.16	M3III	7492	186121		Cygnus	1399.143(	1.561		
7482		HIP 96807	295.1804{	-0.621222	5.637	A2V	7480	185762	45 Aql	Aquila	284.9651{	0.123		
7483		HIP 96808	295.1807(	-16.29327	5.296	K1III	7476	185644	54 Sgr	Sagittariu	244.9287{	1.109		
7484		HIP 96825	295.2090	45.52494	5.06	F5II-III	7495	186155		Cygnus	158.9468	0.426		
7485		HIP 96837	295.2622	17.47604	4.38	G8IIIaCN0	7488	185958	β Sagittae	Sagitta	466.3822	1.041		
7486		HIP 96840	295.2730	13.81568(	5.99	B5V	7486	185936	QS Aql	Aquila	1646.466{	-0.078	5.93	6.06
7487		HIP 96856	295.3110	22.45277	6.391	~	7490	186021		Vulpecula	1442.478{	1.481		
7488		HIP 96882	295.4052	-65.85441	6.074	M0III	7455	184996		Pavo	752.8874	1.556		
7489		HIP 96895	295.4539	50.52506(	5.95	G1.5Vb	7503	186408	16 Cyg A	Cygnus	70.48644(	0.643		
7490		HIP 96901	295.4665	50.51752	6.2	G3V	7504	186427	16 Cyg	Cygnus	69.830104	0.661		
7491		HIP 96907	295.4900	40.254168	6.22	A6V	7499	186307		Cygnus	271.6666	0.182		
7492		HIP 96917	295.5121	-9.193655	6.29	K3III		185966	71 G. Aql	Aquila	334.3587(	1.341		
7493		HIP 96919	295.5172	55.46322	6.48	M5III	7509	186532	V1351 Cyg	Cygnus	767.0587	1.453	6.33	6.55
7494		HIP 96931	295.5533{	12.19326	6.321	B9III	7493	186122	46 Aql	Aquila	719.6485	-0.077		
7495		HIP 96950	295.6297	-16.12399	5.045	F3IV/V	7489	186005	55 Sgr	Sagittariu	174.6118(	0.319		
7496		HIP 96957	295.6417(	11.82658	5.31	G2Ib+B5.5	7497	186203	χ Aquilae	Aquila	751.1531	0.575		
7497		HIP 96957	295.6417(	11.82658	5.66	G2Ib	7497	186203	* chi Aql A	Aquila	751.1531	0.575		
7498		HIP 96977	295.6858	32.42674	5.925	A5III	7502	186377		Cygnus	2248.276	0.118		
7499		HIP 97028	295.7899	30.67789(	6.075	A1V	7505	186440		Cygnus	336.7776{	0.003		
7500		HIP 97029	295.7948(	38.67171	6.36	K0IIIa		186506		Cygnus	1442.478{	1.22		

7501		HIP 97033	295.8100	58.01661	6.295	G0V	7522	186760		Cygnus	146.6488	0.59		
7502		HIP 97063	295.8897	-15.47002	5.49	F6IV-V	7496	186185	226 G. Sgr	Sagittariu	119.5892	0.46		
7503		HIP 97067	295.9067	-37.53876	6.131	B8IV/V	7491	186042	224 G. Sgr	Sagittariu	853.4031	0.019		
7504		HIP 9707(	295.9145	57.04271	6.282	K2III	7526	186815		Cygnus	253.1058	0.887		
7505		HIP 97077	295.9288	25.77192	5.497	G8III	7506	186486	10 Vul	Vulpecula	356.2855	0.939		
7506		HIP 97081	295.9379	41.77311	5.84	M0III	7514	186619		Cygnus	630.5624	1.598		
7507		HIP 97087	295.9643	34.16272	6.053	B8III	7512	186568		Cygnus	900.5525	-0.071		
7508		HIP 97091	295.9832	27.13540	6.364	K3II++B6	7508	186518	PS Vul	Vulpecula	4346.657	1.015	6.28	6.356
7509		HIP 97118	296.0691	37.35435	4.887	G8III	7517	186675	15 Cyg	Cygnus	278.6326	0.948		
7510		HIP 97122	296.0767	69.33706	5.899	A2III	7545	187340		Draco	442.3332	0.072		
7511		HIP 97139	296.1424	13.30277	6.243	B9III-IV	7511	186547	ψ Aquilae	Aquila	808.9334	-0.041		
7512		HIP 97142	296.1590	34.41416	6.35	M1III	7520	186702	V2090 Cyg	Cygnus	829.5170	1.521	6.32	6.73
7513		HIP 97144	296.1720	8.726535	6.428	K0		186535	75 G. Aql	Aquila	397.5604	0.94		
7514		HIP 9715(	296.2030	29.26469	6.44	F2Iab:+B8	7518	186688		Cygnus	6392.145	0.65	6.44	7.22
7515		HIP 97151	296.2043	40.71680	6.37	M3.5III	7523	186776	V973 Cyg	Cygnus	905.5566	1.561	7.75	8.6
7516		-	296.2432	45.13041	6.23	F1V	-	-	* del Cyg	Cygnus				
7517	Fawaris	HIP 97165	296.2436	45.13081	2.87	B9.5IV	7528	186882	δ Cygni	Cygnus	170.9492	-0.002		
7518		HIP 97228	296.4152	36.09102	6.379	B9.5V	7529	186901		Cygnus	1884.394	-0.049		
7519		HIP 97229	296.4164	7.613157	5.91	A3IV	7519	186689	υ Aquilae	Aquila	176.4071	0.18		
7520		HIP 97242	296.4639	35.01275	6.098	K1IIICN1	7530	186927		Cygnus	424.4782	1.07		
7521		HIP 97244	296.4676	-2.883455	6.48	B2III/IV	7516	186660	77 G. Aql	Aquila	1086.665	0.016		
7522		HIP 9726(	296.5051	-31.90856	5.512	B8III	7507	186500	228 G. Sgr	Sagittariu	545.1504	0.024		
7523	Tarazed	HIP 97278	296.5649	10.61325	2.72	K3II	7525	186791	γ Aquilae	Aquila	460.4523	1.507		
7524		HIP 9729(	296.5905	-19.76111	4.873	K0+III	7515	186648	56 Sgr	Sagittariu	204.7740	1.061		
7525		HIP 97307	296.6458	32.88859	6.179	K2	7535	187038		Cygnus	366.7044	1.172		
7526		HIP 97326	296.6860	68.43798	6.331	F0III	7563	187764	CN Dra	Draco	524.9612	0.309	6.29	6.38
7527		HIP 97365	296.8469	18.53431	3.81	M2II+B0V	7536	187076	δ Sagittae	Sagitta	447.8035	1.313	3.75	3.83
7528		HIP 97372	296.8617	47.90757	6.12	M1III	7547	187372		Cygnus	1230.187	1.64		
7529		HIP 97376	296.8657	38.40761	5.824	B8Vn	7543	187235		Cygnus	488.7556	-0.087		
7530		HIP 97402	296.9522	25.38405	6.001	K0II-III	7540	187193		Vulpecula	399.5098	0.993		

7531		HIP 97421	297.00499	-56.36261	5.33	A7III/IV	7510	186543	ν Telescop	Telescopiu	169.88029	0.196		
7532		HIP 97423	297.01260	-13.70361	6.083	kA6m	7532	186984	232 G. Sgr	Sagittariu	203.75007	0.193		
7533		HIP 97433	297.04312	70.26793(	3.91	G7IIIbFe-1	7582	188119	ϵ Draconis	Draco	145.53590	0.888		
7534		HIP 97454	297.12714	10.69409	6.457	F8Ib-II	7542	187203		Aquila	1762.1643	0.932		
7535		HIP 97473	297.17524	11.81589	5.74	G8III+A3V	7544	187259	π Aquilae	Aquila	569.92970	0.546		
7536		HIP 97473	297.17524	11.81589	6.23	G8III	7544	187259	* pi. Aql A	Aquila	569.92970	0.546		
7537		HIP 97484	297.20905	-12.31941	6.46	K5III		187150	234 G. Sgr	Sagittariu	1638.1929	1.676		
7538		HIP 97485	297.21082	33.43728	6.463	B0.5II	7551	187459	V1765 Cyg	Cygnus	2217.6875	0.129	6.44	6.6
7539		HIP 97491	297.22953	-52.88810	6.25	K1III	7521	186756		Telescopiu	785.54292	1.131		
7540		HIP 97496	297.24441	19.14204	5.034	A3V	7546	187362	ζ Sagittae	Sagitta	326.32611	0.095		
7541		HIP 97499	297.25918	-10.87077	6.04	K2III	7541	187195	80 G. Aql	Aquila	285.46428	1.233		
7542		HIP 97515	297.29837	-28.78897	6.031	F3V	7538	187098	233 G. Sgr	Sagittariu	148.51946	0.403		
7543		HIP 97534	297.35542	-72.50337	5.392	A4IV	7498	186219		Pavo	135.38198	0.234		
7544		HIP 97538	297.36459	38.71014	6.117	G6III	7555	187638		Cygnus	696.58075	0.906		
7545		HIP 97569	297.47257	-66.81306	6.422	K4III	7513	186584		Pavo	1075.9079	1.482		
7546		HIP 97572	297.47800	28.43967	6.444	B5V	7556	187640		Vulpecula	1697.9161	-0.104	6.22	6.29
7547		HIP 97573	297.48263	27.08518	6.466	G8III		187614		Vulpecula	475.22015	0.937		
7548		HIP 97598	297.55858	-47.55738	5.895	M1III	7537	187086		Telescopiu	1116.4395	1.678		
7549		HIP 97607	297.57282	7.902414	6.478	B2IVe	7554	187567	V1339 Aq	Aquila	1552.3795	-0.086	6.33	6.52
7550		HIP 97611	297.59065	-61.06111	6.206	B5V	7527	186837		Pavo	898.07165	-0.135		
7551		HIP 97629	297.64133	32.91404	4.24	S6-9/1-2e	7564	187796	χ Cygni	Cygnus	345.70682	2.1	3.3	14.2
7552		HIP 97630	297.64164	38.72241	5.12	M2III	7566	187849	19 Cyg	Cygnus	641.73123	1.665	5.08	5.4
7553		HIP 97634	297.65552	40.59975	5.68	B1.1III+B2	7567	187879	V380 Cyg	Cygnus	2566.9314	-0.058	5.61	5.78
7554		HIP 97635	297.65718	52.98799	5.03	K3IIICN2	7576	188056	20 Cyg	Cygnus	192.21716	1.286		
7555			297.68667	-59.19366	5.61	~	7531	186957A		Pavo	259.76113	0.082		
7556		HIP 97650	297.69493	-10.76350	5.39	F5VFe-1CI	7553	187532	51 Aql	Aquila	86.106740	0.402		
7557		HIP 97651	297.69530	37.82632	6.06	M3III	7568	187880	V2093 Cyg	Cygnus	3395.8454	1.626		
7558	Altair	HIP 97649	297.69582	8.868321	0.76	A7Vn	7557	187642	α Aquilae	Aquila	16.766089	0.221	0.77	0.774
7559		HIP 97674	297.75151	-65.60508	6.022	F0II/III	7524	186786	NZ Pav	Pavo	195.56095	0.317	6.04	6.057
7560		HIP 97679	297.76711	22.61004	4.96	B2.5Ve	7565	187811	12 Vul	Vulpecula	618.59500	-0.153	4.78	4.97

7561		HIP 97687	297.7962	-2.460987	6.13	K3/4III	7559	187660	85 G. Aql	Aquila	569.9297	1.573		
7562		HIP 97697	297.8238	9.629892	6.233	A1m	7562	187753	88 G. Aql	Aquila	379.9531	0.102		
7563		HIP 97700	297.8307	47.37723	6.215	F2V	7577	188074		Cygnus	215.3237	0.398		
7564		HIP 97749	297.9608	-39.87437	5.33	ApCr(Si)	7552	187474	V3961 Sgr	Sagittariu	338.8771	-0.045	5.28	5.34
7565		HIP 97757	297.9961	47.02733	5.63	O9.5Iab	7589	188209		Cygnus	14818.17	-0.078		
7566		HIP 97765	298.0066	24.99216	5.57	A2Ia	7573	187982		Vulpecula	1781.421	0.68		
7567		HIP 97774	298.0298	47.93179	5.897	B2III	7591	188252		Cygnus	2469.698	-0.174		
7568		HIP 97783	298.0500	-19.0450	5.896	K0III	7561	187739	57 Sgr	Sagittariu	311.6636	0.979		
7569		HIP 97789	298.0683	36.43229	6.1	K4III	7583	188149		Cygnus	739.2280	1.434		
7570		HIP 97796	298.0906	18.67187	6.23	O7.5Iabf	7574	188001	9 Sge	Sagitta	14173.93	-0.031	6.16	6.23
7571		HIP 97804	298.1182	1.005658	3.8	F6Iab+B9.	7570	187929	η Aquilae	Aquila	1172.661	0.63	3.48	4.39
7572		HIP 97816	298.1571	-54.9710	5.705	G8/K0III	7548	187420		Telescopiu	353.9644	0.915		
7573		HIP 97819	298.1630	-54.9764	6.366	A1/3V	7549	187421		Telescopiu	275.5708	0.1		
7574		HIP 97845	298.2551	47.80772	6.279	B0.5IIIn	7600	188439	V819 Cyg	Cygnus	3018.519	-0.126	6.26	6.3
7575		HIP 97849	298.2766	-14.6031	6.48	A2IV-V	7571	187949	V505 Sgr	Sagittariu	379.9531	0.149	6.46	7.51
7576		HIP 97870	298.3224	57.52347	5.132	B5V	7608	188665	23 Cyg	Cygnus	637.9659	-0.125		
7577		HIP 97871	298.3280	-3.11446	5.619	F0VpSrCrE	7575	188041	V1291 Aq	Aquila	276.5054	0.231	5.61	5.67
7578		HIP 97886	298.3653	24.07961	4.64	B9.5III	7592	188260	13 Vul	Vulpecula	359.0304	-0.047		
7579		HIP 97892	298.3976	59.70865	6.058	A3V	7611	188793		Cygnus	339.2292	0.033		
7580		HIP 97928	298.5344	-8.57421	5.79	K5III	7584	188154	56 Aql	Aquila	394.1960	1.664		
7581	Libertas	HIP 97938	298.5620	8.461454	4.707	G9.5IIIb	7595	188310	ξ Aquilae	Aquila	204.2605	1.023		
7582		HIP 97944	298.5739	-23.9410	6.213	K3VaCN1	7578	188088	V4200 Sgr	Sagittariu	46.34646	1.017	6.18	6.25
7583		HIP 97961	298.6294	24.31935	5.52	A0III	7601	188485		Vulpecula	472.4654	-0.018		
7584		HIP 97966	298.6568	-8.22728	5.71	B7Vn	7593	188293	57 Aql A	Aquila	334.7010	-0.079		
7585		HIP 97967	298.6585	-8.23705	6.44	B8V	7594	188294	57 Aql B	Aquila	361.4200	-0.04		
7586		HIP 97970	298.6675	7.140353	6.127	A2V	7598	188385		Aquila	263.3279	0.043		
7587		HIP 97971	298.6685	-61.1707	6.205	A4V	7558	187653		Pavo	304.1046	0.163		
7588		HIP 97980	298.6866	0.273625	5.631	B9IV	7596	188350	58 Aql	Aquila	344.9733	0.098		
7589		HIP 97985	298.7010	36.99567	5.781	G1Ib-IICH	7606	188650		Cygnus	1537.736	0.773		
7590		HIP 98012	298.7712	-33.0462	6.47	K2/3III	7585	188158	244 G. Sgr	Sagittariu	1258.686	1.487		

7591		HIP 98032	298.8153	-41.86830	4.13	K0II/III	7581	188114	ι Sagittarii	Sagittarius	189.09506	1.063		
7592	Alshain	HIP 98036	298.8283	6.406764	3.71	G8IV	7602	188512	β Aquilae	Aquila	44.688097	0.855		
7593		HIP 98044	298.8419	58.25019	6.1	G9III	7626	189127		Cygnus	461.75634	1.021		
7594		HIP 98055	298.9074	52.43893	5.02	A4Vn	7619	189037	ψ Cygni	Cygnus	288.49575	0.124		
7595	Terebellur	HIP 98066	298.9598	-26.29935	4.7	G5IV	7597	188376	ω Sagittar	Sagittarius	77.563581	0.748		
7596		HIP 98068	298.9656	38.48671	4.946	B5IV	7613	188892	22 Cyg	Cygnus	1202.9534	-0.086		
7597		HIP 98073	298.9807	58.84596	4.96	K4.5IIIa	7633	189276		Cygnus	918.30973	1.584		
7598		HIP 98077	298.9851	-29.19003	6.15	M6-7e		188378		Sagittarius	7951.2080	1.086	5.4	14
7599		HIP 98085	299.0052	16.63479	5.36	F7Ib	7609	188727	S Sge	Sagitta	4289.4769	0.903	5.24	6.04
7600		HIP 98086	299.0070	-81.34984	6.383	K3/4III	7494	186154		Octans	693.61741	1.402		
7601		HIP 98103	299.0593	11.42372	5.278	A1IV	7610	188728	ϕ Aquilae	Aquila	205.80811	0.014		
7602		HIP 98110	299.0765	35.08342	3.88	K0III	7615	188947	η Cygni	Cygnus	139.31614	1.019		
7603		HIP 98111	299.0793	56.68700	6.16	A4Vn	7634	189296		Cygnus	279.34884	0.09		
7604		HIP 98143	299.1839	36.25059	6.009	B5IV	7620	189066		Cygnus	1112.6286	-0.14		
7605		HIP 98146	299.1882	50.90252	6.455	A1V	7632	189253		Cygnus	350.15998	0.003		
7606		HIP 98162	299.2368	-27.16989	4.528	K2.5IIb	7604	188603	59 Sgr	Sagittarius	1207.4066	1.462		
7607		HIP 98174	299.2762	-58.90135	5.241	B9.5IV	7587	188162		Pavo	301.57260	0.014		
7608		HIP 98194	299.3077	40.36782	5.455	B5V	7628	189178		Cygnus	1530.5183	-0.09		
7609		HIP 98234	299.4393	16.78916	5.534	B9III	7622	189090	11 Sge	Sagitta	404.46508	-0.048		
7610		HIP 98253	299.4838	42.26077	6.45	A3V	7638	189377		Cygnus	1268.4827	0.095		
7611		HIP 98258	299.4876	-15.49146	4.998	A2V	7614	188899	61 Sgr	Sagittarius	291.59211	0.055		
7612		HIP 98308	299.6197	63.53411	6.15	A3V	7654	189900		Draco	430.07891	0.035		
7613		HIP 98325	299.6582	30.98366	5.502	B9Vn	7640	189395		Cygnus	544.24089	-0.06		
7614		HIP 98332	299.6720	-69.16395	5.724	A1mA5-F2	7579	188097		Pavo	231.53409	0.224		
7615		HIP 98333	299.6743	70.36695	6.323	G8III	7666	190252		Draco	421.18888	0.868		
7616		HIP 98337	299.6892	19.49214	3.47	M0-III	7635	189319	γ Sagittae	Sagitta	273.94963	1.571		
7617		HIP 98346	299.7207	-68.76258	6.374	A6VkA2m	7588	188164		Pavo	341.00590	0.164		
7618		HIP 98351	299.7351	-30.53838	6.28	K1III	7617	188981	254 G. Sgr	Sagittarius	214.19186	1.051		
7619		HIP 98353	299.7383	-26.19576	4.846	G6III	7618	189005	60 Sgr	Sagittarius	340.29196	0.882		
7620		HIP 98375	299.7939	23.10127	5.66	F0	7641	189410	14 Vul	Vulpecula	157.79285	0.345		

7621	HIP 98377	299.80022	11.305568	6.5	G7Ib-II		189337		Aquila	2089.7455	1.078		
7622	HIP 98379	299.81394	52.055691	6.125	B5III	7651	189775	V2100 Cyg	Cygnus	768.86801	-0.183		
7623	HIP 98383	299.83510	45.772541	5.933	A5III	7646	189684		Cygnus	471.78084	0.185		
7624	HIP 98385	299.84434	1.3777009	6.18	G8III	7636	189322	101 G. Aq	Aquila	768.86802	1.129		
7625	HIP 98401	299.90261	76.481393	6.2	M3III	7686	190960	69 Dra	Draco	524.96124	1.61		
7626	HIP 98412	299.93407	-35.27630	4.37	B3IV	7623	189103	θ 1 Sagitta	Sagittarius	617.42466	-0.15		
7627	HIP 98416	299.94700	-9.958231	5.87	F9V	7637	189340	100 G. Aq	Aquila	80.000105	0.598		
7628	HIP 98421	299.96398	-34.69779	5.299	A4/5IV	7624	189118	θ 2 Sagitta	Sagittarius	156.65544	0.17		
7629	HIP 98425	299.97998	37.042885	5.19	B3IVe	7647	189687	25 Cyg	Cygnus	1574.8804	-0.133	5.19	5.26
7630	HIP 98438	300.01378	17.516507	5.35	M3/5III	7645	189577	13 Sge	Sagitta	745.99585	1.576	5.27	5.57
7631	HIP 98458	300.06399	26.187885	6.494	G8II		189671		Vulpecula	1475.1146	1.132		
7632	HIP 98461	300.06638	-37.70172	5.948	G8/K0III	7629	189195	260 G. Sgr	Sagittarius	315.58572	0.989		
7633	HIP 98470	300.08437	-33.70345	5.66	F7V	7631	189245	262 G. Sgr	Sagittarius	68.058396	0.498		
7634	HIP 98478	300.09622	-66.94942	5.76	K0III	7603	188584	μ 1 Pavon	Pavo	216.03734	1.033		
7635	HIP 98482	300.10553	-49.35094	6.176	K0III	7621	189080		Telescopiu	301.85198	1.056		
7636	HIP 98485	300.11035	-43.04330	6.097	M0II/III	7627	189140	258 G. Sgr	Sagittarius	1101.3522	1.634		
7637	HIP 98495	300.14813	-72.91050	3.94	A0Va	7590	188228	ϵ Pavonis	Pavo	106.08533	-0.032		
7638	HIP 98512	300.20134	-45.11292	5.781	F0/2IV	7630	189198	259 G. Sgr	Sagittarius	359.42817	0.295		
7639		300.21685	20.005271	6.5	K0III		189754		Sagitta	1340.5527			
7640	HIP 98526	300.24573	8.5577363	5.91	K5III	7648	189695	103 G. Aq	Aquila	898.07164	1.529		
7641	HIP 98543	300.27520	27.753573	4.651	A4III	7653	189849	15 Vul	Vulpecula	222.22221	0.184	4.62	4.67
7642	HIP 98563	300.31378	37.098997	6.214	K0III	7655	189942		Cygnus	1003.0762	1.314		
7643	HIP 98571	300.33984	50.104693	5.048	G8III	7660	190147	26 Cyg	Cygnus	428.94769	1.122		
7644	HIP 98575	300.34936	-22.73730	5.999	K0III	7643	189561	264 G. Sgr	Sagittarius	312.86003	0.981		
7645	HIP 98579	300.36157	-40.81433	6.306	A2/3V	7639	189388	263 G. Sgr	Sagittarius	279.82839	0.113		
7646	HIP 98583	300.36893	64.820976	5.27	M1III	7676	190544	64 Dra	Draco	564.01280	1.598		
7647	HIP 98609	300.43629	24.800415	5.87	B4V	7656	189944		Vulpecula	672.16660	-0.134		
7648	HIP 98608	300.43643	-59.37589	5.13	M6III	7625	189124	NU Pav	Pavo	433.51170	1.356	4.91	5.26
7649	HIP 98624	300.46859	-66.94396	5.331	K2IVCNII	7612	188887	μ 2 Pavon	Pavo	234.36377	1.218		
7650	HIP 98633	300.49416	-13.63721	5.69	A1IV	7649	189741	63 Sgr	Sagittarius	309.29815	0.079		

7651		HIP 98636	300.5059	24.93803	5.79	~	7657	190004A	* 16 Vul A	Vulpecula	211.2767	0.374		
7652		HIP 98636	300.5061	24.93791	6.15	~	7657	190004	* 16 Vul B	Vulpecula	211.2767	0.374		
7653		HIP 98658	300.5842	64.63442	6.25	G7III:	7682	190713	65 Dra	Draco	335.3921	0.927		
7654		HIP 98688	300.6645	-27.70984	4.58	M4.5III	7650	189763	62 Sgr	Sagittariu	447.8035	1.64	4.45	4.64
7655		HIP 98701	300.7033	31.95883	6.378	K1III		190227		Cygnus	1128.028	1.205		
7656		HIP 98702	300.7044	67.87356	4.5	K2+IIICN1	7685	190940	ρ Draconi	Draco	406.4830	1.313		
7657		HIP 98738	300.8183	18.50099	5.968	K3II-III	7662	190211		Sagitta	848.9597	1.42		
7658		HIP 98754	300.8750	16.03125	5.658	B9pHgMn	7664	190229	14 Sge	Aquila	636.7206	-0.095		
7659		HIP 98761	300.8894	-37.94068	4.764	K4III	7652	189831		Sagittariu	404.9703	1.417		
7660		HIP 98772	300.9116	22.94105	6.42	K2		190322		Vulpecula	513.3849	1.028		
7661		HIP 98785	300.9346	-22.59559	6.428	F7V	7658	190009	269 G. Sgr	Sagittariu	187.5719	0.503		
7662		HIP 98819	301.0259	17.07018	5.788	G0V	7672	190406	15 Sge	Sagitta	57.59704	0.6		
7663	Tianfu	HIP 98823	301.0346	7.277964	5.508	K0III	7669	190327	τ Aquilae	Aquila	526.6564	1.063		
7664		HIP 98842	301.0816	-32.05629	4.99	K1III/IV	7659	190056		Sagittariu	324.3782	1.208		
7665		HIP 98844	301.0964	-0.709308	5.68	K3III	7667	190299	62 Aql	Aquila	582.1416	1.301		
7666		HIP 98858	301.1199	48.22966	6.14	A2IV	7684	190781		Cygnus	579.0414	0.037		
7667		HIP 98863	301.1507	32.21859	5.65	B1.5Ia+	7678	190603	V1768 Cyg	Cygnus	13583.34	0.76	5.56	5.7
7668		HIP 98872	301.1854	63.89020	6.284	A3V	7695	191174		Draco	255.8869	0.1		
7669		HIP 98890	301.2224	68.02716	6.28	M3-IIIa	7704	191372		Draco	1116.439	1.649		
7670		HIP 98910	301.2725	-11.59941	6.39	F2II	7671	190390	V1401 Aq	Aquila	1273.437	0.543	6.18	6.55
7671		HIP 98915	301.2781	51.83939	6.14	M0III	7687	190964		Cygnus	740.9102	1.601		
7672		HIP 98920	301.2895	19.99107	5.093	K2III	7679	190608	η Sagittae	Sagitta	161.6262	1.058		
7673		HIP 98946	301.3395	56.34141	6.18	F4V	7692	191096		Cygnus	170.3239	0.437		
7674		HIP 98954	301.3606	15.50042	6.34	M2.5III	7680	190658	V1472 Aq	Aquila	749.4253	1.615		
7675		HIP 98959	301.3865	-67.32089	6.07	G2V	7644	189567		Pavo	57.75027	0.648		
7676		HIP 98962	301.3869	61.99542	5.408	K3III	7701	191277	66 Dra	Draco	173.5888	1.191		
7677			301.548	35.765	5.2	Open Cluster			NGC 6871	Cygnus				
7678		HIP 99024	301.5508	-4.078196	6.469	K0III	7681	190664	110 G. Aq	Aquila	340.6473	1.156		
7679		HIP 99080	301.7225	23.61442	5.056	B3V	7688	190993	17 Vul	Vulpecula	488.0254	-0.162		
7680		HIP 99120	301.8464	-52.88079	4.94	K5III	7673	190421	ξ Telescop	Telescopiu	1253.845	1.591		

7681		HIP 99137	301.8962	-55.01601	6.25	F9VCH-0.4	7674	190422		Telescopiu	75.67310	0.53	
7682		HIP 99145	301.9226	34.42290	6.141	B5II	7699	191243		Cygnus	2012.346	0.117	
7683		HIP 99171	302.0075	-0.678184	5.968	K1IV	7690	191067	64 Aql	Aquila	156.0556	1.023	
7684		HIP 99176	302.0270	16.66438	6.4	M3III	7696	191178	V344 Sge	Sagitta	4233.763	1.72	
7685		HIP 99188	302.0397	-52.57779	6.46	G3V		190580		Telescopiu	188.4394	0.682	
7686		HIP 99200	302.0853	-66.35469	6.46	K5III	7663	190222		Pavo	1143.859	1.587	
7687		HIP 99221	302.1302	-10.06259	6.174	B9IV	7694	191110		Capricorn	524.1169	0.031	6.24	6.26
7688		HIP 99234	302.1594	10.72586	6.339	B3V	7700	191263		Aquila	1841.809	-0.136	
7689		HIP 99240	302.1817	-66.18206	3.56	G8IV	7665	190248	δ Pavonis	Pavo	19.91085	0.751	
7690		HIP 99255	302.2222	77.71142	4.4	B9III	7750	192907	κ Cephei	Cepheus	326.9813	-0.046	
7691		HIP 99270	302.2660	-47.06792	6.457	K5III		190879		Telescopiu	532.6809	1.463	
7692		HIP 99294	302.3431	56.02682	6.49	K0		191892		Cygnus	1239.543	0.938	
7693		HIP 99303	302.3567	36.83962	4.93	B2.5Ve	7708	191610	28 Cyg	Cygnus	860.1578	-0.139	4.91	4.97
7694		HIP 99404	302.6397	26.90416	5.507	A3III	7711	191747	18 Vul	Vulpecula	419.5621	0.087	
7695		HIP 99445	302.7647	21.13457	6.24	K0III	7713	191814		Sagitta	514.1967	0.894	
7696		HIP 99457	302.7919	-8.842344	6.49	B1IVe	7709	191639	BE Cap	Capricorn	108666.5	-0.135	6.16	6.43
7697		HIP 99461	302.7997	-36.10120	5.32	K2.5V	7703	191408		Sagittariu	19.72887	0.868	
7698	Antinous	HIP 99473	302.8261	-0.821463	3.22	B9.5III	7710	191692	θ Aquilae	Aquila	286.9720	-0.066	
7699		HIP 99479	302.8375	21.87493	6.269	B1Ib	7716	191877		Vulpecula	29636.37	-0.048	
7700		HIP 99500	302.8952	62.07854	5.7	F5V	7727	192455	68 Dra	Draco	158.7147	0.53	
7701		HIP 99518	302.9498	26.80899	5.487	K2IIIaCa0.	7718	192004	19 Vul	Vulpecula	1613.863	1.397	
7702		HIP 99529	302.9912	-12.39240	6.34	K0III	7712	191753	ξ 1 Capric	Capricorn	482.9626	1.209	
7703		HIP 99531	303.0029	26.47880	5.92	B7Ve	7719	192044	20 Vul	Vulpecula	1139.859	-0.107	
7704		HIP 99570	303.0993	-42.78005	6.191	K1III	7706	191584	280 G. Sgr	Sagittariu	343.8812	1.228	
7705		HIP 99572	303.1077	-12.61749	5.85	F7VFe-0.5	7715	191862	ξ 2 Capric	Capricorn	91.44466	0.476	
7706		HIP 99579	303.1321	51.46356	6.043	K2.5III	7726	192439		Cygnus	412.1358	1.139	
7707		HIP 99631	303.3078	-1.009363	5.47	K4III	7720	192107	66 Aql	Aquila	888.2851	1.43	
7708		HIP 99639	303.3252	46.81567	4.819	A5IIIn	7730	192514	30 Cyg	Cygnus	716.4830	0.1	
7709		HIP 99653	303.3485	38.72901	6.5	C-N5.5		192443		Cygnus	1801.105	2.86	6.5	9.5
7710		HIP 99655	303.3494	56.56772	4.271	A3IV-Vn	7740	192696	33 Cyg	Cygnus	152.2651	0.114	

7711		HIP 99663	303.3650(	60.64056(	5.78	K5III	7742	192781		Cepheus	593.8059(	1.476		
7712		HIP 99666	303.3848(	-47.71322	6.47	K2III		191732		Telescopi	449.0358	1.249		
7713		HIP 99675	303.4079(	46.74132	3.8	K3Ib+B2IV	7735	192577	o1 Cyg	Cygnus	1352.698	1.27	3.73	3.89
7714		HIP 99685	303.4283(	43.37901	6.14	K4III	7733	192535		Cygnus	737.5557(	1.489		
7715		HIP 99719	303.5203	36.60488	6.464	A0V	7734	192538		Cygnus	1009.289(	-0.014		
7716		HIP 99738	303.5605	28.69481	5.189	A7IVn	7731	192518	21 Vul	Vulpecula	326.9813	0.191	5.36	5.41
7717		HIP 99742	303.5692	15.19760	4.946	A1Va	7724	192425	ρ Aquilae	Delphinus	153.4841	0.072		
7718		HIP 99747	303.5792	-52.44576	5.632	K4III	7714	191829		Telescopi	915.7310	1.497		
7719		HIP 99762	303.6121(	-63.41578	6.086	F0IV	7707	191603		Pavo	234.8703	0.308		
7720		HIP 9977(	303.6334(	36.80630	4.99	A2V	7736	192640	29 Cyg	Cygnus	133.7712	0.151	4.94	4.97
7721		HIP 99824	303.8162	25.59196	4.75	B3V	7739	192685		Vulpecula	1198.529(	-0.181	4.6	4.8
7722		HIP 99825	303.8224(	-27.03297	5.723	K2+V	7722	192310		Capricorn	28.76700	0.878		
7723		HIP 99841	303.8490	33.72908	5.698	G8III	7743	192787		Cygnus	300.1841(	0.926		
7724		HIP 99848	303.8680	47.71422(	3.98	K7Ib-II+B1	7751	192909	o2 Cyg	Cygnus	1108.843	1.451	3.9	4.14
7725		HIP 99853	303.8759	23.50890	5.176	G3Ib-II	7741	192713	22 Vul	Vulpecula	4346.657	1.016	5.15	5.27
7726		HIP 9987(	303.9302	50.23291(	6.36	A2Vn	7755	192983		Cygnus	354.7337(	0.096		
7727		HIP 99874	303.9422(	27.81419	4.52	K3-IIIFe-1	7744	192806	23 Vul	Vulpecula	327.9691	1.258		
7728		HIP 99878	303.9608	-30.00527	6.275	K4III	7725	192433	282 G. Sgr	Sagittariu	1147.888	1.513		
7729		HIP 99889	304.0025(	45.57952	5.864	F5V:	7756	192985		Cygnus	112.5303	0.447		
7730		HIP 99893	304.0142	38.89800(	6.275	A1V	7752	192934		Cygnus	409.5474	0.006		
7731	Chechia	HIP 99894	304.0250	4.580794	6.446	G8IV		192699		Aquila	219.7968(	0.867		
7732		HIP 99913	304.0824	21.59870	6.11	K1III	7746	192836	18 Sge	Sagitta	297.7169	1.039		
7733		HIP 99918	304.0950	-12.33711	6.299	B9IV	7738	192666	3 Cap	Capricorn	526.6564	0.005		
7734		HIP 9992(	304.0983	-36.45357	6.4	M4III	7728	192472	V4434 Sgr	Sagittariu	851.1765	1.467		
7735		HIP 99929	304.1173	37.05639(	6.448	B6III	7757	192987		Cygnus	1139.859	-0.097		
7736		HIP 99951	304.1961	24.67110	5.302	G8III	7753	192944	24 Vul	Vulpecula	471.7808	0.951		
7737		HIP 99968	304.2303	40.36507	5.236	K3IIIaFe-1	7759	193092		Cygnus	999.9988	1.65		
7738		HIP 99985	304.2518	8.963224	6.49	F2		192895		Delphinus	218.2062	0.31		
7739		HIP 10001	304.3710(	42.72206	6.273	K4+II-III	7762	193217		Cygnus	1884.394	1.632		
7740		HIP 10001	304.3813	29.14756	6.22	G9III	7760	193094		Vulpecula	367.1185	1.01		

7741		HIP 10002	304.4119	-12.50821	4.27	G3Ib	7747	192876	α 1 Capric	Capricorn	686.3150	0.928		
7742		HIP 10004	304.4466	38.03293	4.82	B1-2Ia-0e	7763	193237	P Cyg	Cygnus	6269.243	0.377	3	6
7743		HIP 10006	304.5058	-21.80995	5.851	G8III	7748	192879	4 Cap	Capricorn	341.3612	1.002		
7744	Algedi	HIP 10006	304.5135	-12.54485	3.58	G9III	7754	192947	α 2 Capric	Capricorn	108.6304	0.883		
7745			304.5291	40.73208	5.958	O9IV(n)	7767	193322A		Cygnus	1552.379	0.073		
7746		HIP 10006	304.5291	40.73208	5.84	O9IV(n)+B	7767	193322		Cygnus	1552.379	0.073		
7747		HIP 10009	304.6031	55.39709	6	A2IV	7781	193592		Cygnus	290.8119	0.118		
7748		HIP 10010	304.6193	36.99980	5.58	A2V	7769	193369	36 Cyg	Cygnus	194.5109	0.056		
7749		HIP 10012	304.6628	34.98277	5.162	F6Ib	7770	193370	35 Cyg	Cygnus	2000.000	0.66		
7750		HIP 10014	304.7069	46.32219	6.443	B2V	7777	193536	V1773 Cyg	Cygnus	2650.407	-0.123	6.44	6.49
7751		HIP 10015	304.7332	-47.71077	6.28	M1III	7745	192827		Telescopiu	674.9473	1.657		
7752		HIP 10015	304.7397	39.00418	6.36	K4.5Ib		193469		Cygnus	2397.059	1.871		
7753		HIP 10016	304.7624	-63.23074	6.279	K0III	7732	192531		Pavo	445.3552	1.045		
7754		HIP 10018	304.8243	-47.58029	6.13	F5V	7749	192886		Telescopiu	96.13678	0.469		
7755		HIP 10019	304.8483	-19.11852	5.265	K2III	7761	193150	σ Capricoi	Capricorn	696.5807	1.394		
7756		HIP 10020	304.8720	13.21676	6.21	M1III	7771	193373		Delphinus	791.2609	1.648		
7757		HIP 10021	304.9024	47.89419	5.9	C9,2e		193680		Cygnus	2936.938	3.31	5.9	12.1
7758		HIP 10022	304.9030	62.25744	5.709	B9V	7792	193964	DE Dra	Draco	378.1894	-0.043	5.72	5.88
7759		HIP 10023	304.9302	-1.07851	6.042	K0III	7768	193329	131 G. Aq	Aquila	405.4724	1.093		
7760		HIP 10025	304.9835	46.83731	6.478	B8IIInpSi	7786	193722	V1584 Cyg	Cygnus	1220.974	-0.084	6.48	6.52
7761		HIP 10025	305.0007	13.54808	5.938	A5m	7774	193472		Delphinus	293.9585	0.299		
7762		HIP 10026	305.0250	68.88031	5.55	M4.5-M5I	7804	194258	AC Dra	Draco	680.5839	1.472	7.14	7.39
7763		HIP 10026	305.0634	39.40321	6.33	A0V		193702AB	NAME HD	Cygnus		0.05		
7764		HIP 10027	305.0855	14.56925	6.17	G8III	7778	193556		Delphinus	549.7470	0.926		
7765		HIP 10027	305.0891	17.79292	5.808	K5III	7780	193579		Sagitta	477.3065	1.5		
7766		HIP 10029	305.1276	53.59568	6.197	K5	7791	193944		Cygnus	1630.000	1.547		
7767		HIP 10030	305.1346	-55.05088	6.259	M0/1III	7758	193002		Telescopiu	810.9448	1.617		
7768	Alshat	HIP 10031	305.1658	-12.75908	4.76	B9IV	7773	193432	v Capricor	Capricorn	272.1204	-0.047		
7769		HIP 10032	305.1939	-14.78488	6.1	B9/A0III/IV	7775	193452	β2 Cap	Capricorn	451.0281	-0.016		
7770		HIP 10033	305.2162	-35.67367	6.463	K3III	7765	193302	290 G. Sgr	Sagittariu	443.5362	1.311		

7771	Dabih	HIP 10034	305.2527	-14.78140	3.08	G9II:+B8p	7776	193495	β Capricoı	Capricorn	555.3585(	0.79
7772		HIP 10035	305.2980	63.98011	5.69	K5III	7805	194298		Draco	732.5842(	1.561
7773		HIP 10037	305.3677	-66.74968	6.5	F6V		192887		Pavo	143.4860	0.505
7774		HIP 10041	305.4209	-49.99941	6.28	F9V	7766	193307		Telescopiu	105.7068	0.549
7775		HIP 10043	305.5127	41.13213(	6.383	G9Ib-II	7795	194069		Cygnus	1552.379	1.016
7776		HIP 10043	305.5142	24.44610	5.56	B6IVe	7789	193911	25 Vul	Vulpecula	1801.105(	-0.09
7777		HIP 10043	305.5223	45.79499	5.572	K1III	7798	194152		Cygnus	414.7569(	1.077
7778	Sadr	HIP 10045	305.5570	40.25667	2.23	F8Ib	7796	194093	γ Cygni	Cygnus	1523.365	0.673
7779		HIP 10046	305.6145	-42.04956	5.59	A0V	7779	193571	κ 1 Sagitta	Sagittariu	244.1949	0.002
7780		HIP 10048	305.6554	31.26496	6.072	K2	7797	194097		Cygnus	607.0774	1.363
7781		HIP 1005(	305.6887	41.02601	5.93	K7III	7800	194193		Cygnus	855.6427	1.632
7782		HIP 10051	305.7182(	14.55109	6.152	F7V	7793	194012		Delphinus	85.18415	0.498
7783		HIP 10051	305.7313	42.98354	6.3	G8III	7802	194220		Cygnus	330.6293	0.957
7784		HIP 10052	305.7532	-9.654710	6.283	G5IIIa	7788	193896		Capricorn	435.2460	0.913
7785		HIP 10054	305.7945	5.342981(	5.301	G8III-IV	7794	194013	132 G. Aq	Aquila	246.4097	0.983
7786		HIP 10057	305.9348	37.47644	5.9	B2IIIe	7807	194335	V2119 Cyg	Cygnus	893.1523(	-0.173
7787		HIP 10058	305.9650	32.19013	4.44	K2.5IIIFe-(	7806	194317	39 Cyg	Cygnus	255.2858(	1.331
7788		HIP 10059	305.9715(	-42.42287	5.64	A5V	7787	193807	κ 2 Sagitta	Sagittariu	370.4534	0.201
7789		HIP 10059	305.9715	-42.42284	5.93	~	7787	193807A	* kap02 Sg	Sagittariu	370.4534	0.201
7790		HIP 10065	306.1348	53.55192	6.479	B9V	7815	194668		Cygnus	1461.882	-0.025
7791		HIP 10066	306.1562	1.068404	6.136	A0IIIe	7803	194244		Aquila	840.2066	-0.036
7792		HIP 10067	306.1739	1.368564	6.42	K4/5III		194263	136 G. Aq	Aquila	864.7218	1.605
7793		HIP 10069	306.2288	-83.31061	6.142	A2/3mA8·	7698	191220		Octans	251.7376	0.203
7794		HIP 10071	306.2708(	59.60009	6.441	A2IVs	7818	194882		Cygnus	947.6758	0.094
7795		HIP 10073	306.3617	-28.66326	5.858	G8II/III	7801	194215	296 G. Sgr	Sagittariu	540.6288	1.101
7796	Peacock	HIP 10075	306.4119(	-56.73508	1.918	B2IV	7790	193924	α Pavonis	Pavo	183.1462	-0.118
7797		HIP 10075	306.4188	21.40964	5.672	G6III	7811	194577		Vulpecula	543.3346	0.921
7798		HIP 10075	306.4271	-2.800374	6.1	M0III	7809	194454	137 G. Aq	Aquila	713.3469	1.193
7799		HIP 10076	306.4338	10.05600(	6.307	K5:III+	7810	194526		Delphinus	876.3437	1.571
7800		HIP 10076	306.4496	-40.79618	6.08	K3III	7799	194184	295 G. Sgr	Sagittariu	352.4322	1.364

7801	HIP 10077	306.5048(	19.86549(	6.444	K0III	7813	194616		Delphinus	674.94738	1.037		
7802	HIP 10078	306.5066(	13.91161(	6.35	K5		194578		Delphinus	815.00029	1.453		
7803	HIP 1008(	306.5964(	17.31555(	6.222	K0	7816	194688		Delphinus	812.96931	1.005		
7804	HIP 1008(	306.5978(	56.63869(	6.369	B9V	7827	195066		Cygnus	546.97929	0.018		
7805		306.7206(	-37.40289	6.46	K2IV	7808	194433A		Sagittariu	129.31381	0.961		
7806	HIP 10085	306.7594(	49.38336(	5.715	F0V:	7828	195068	43 Cyg	Cygnus	122.74095	0.339		
7807	HIP 10086	306.7823(	34.32906(	6.398	F1II	7823	194951		Cygnus	2469.6986	0.48		
7808	HIP 10087	306.8091(	20.47648(	6.43	K0		194841		Delphinus	1654.8222	1.03		
7809	HIP 10088	306.8300(	-18.21169	5.14	B3/5V	7814	194636	π Caprico	Capricorn	665.30756	-0.049		
7810	HIP 1009(	306.8927(	38.44035(	5.62	A3V	7826	195050	40 Cyg	Cygnus	270.09109	0.072		
7811	HIP 10095	307.0314(	8.437448(	6.229	G9III	7820	194937		Delphinus	326.32611	1.074		
7812	HIP 10096	307.0607(	81.42270(	5.368	G9III	7901	196787	75 Dra	Draco	455.94376	1.01		
7813	HIP 10096	307.0699(	2.937230(	6.195	G8III/IV	7824	194953		Delphinus	455.94376	0.899		
7814	HIP 10097	307.1037(	-3.357791	6.117	B9V:	7821	194939	68 Aql	Aquila	557.26460	-0.049		
7815	HIP 10101	307.1816(	-15.74149	6.41	G8III	7819	194918		Capricorn	617.42466	0.999		
7816	HIP 10101	307.1947(	-35.59586	6.077	B8II/III	7817	194783		Microscop	626.92430	-0.094		
7817	HIP 10102	307.2150(	-17.81368	4.93	~	7822	194943	* rho Cap	Capricorn	98.668175	0.386		
7818	HIP 10104	307.2622(	83.62541(	6.19	A4m	7930	197508		Draco	276.97556	0.163		
7819	HIP 10106	307.3349(	36.45472(	5.899	A2Iab-Ib	7835	195324	42 Cyg	Cygnus	1689.1207	0.407		
7820	HIP 10107	307.3488(	30.36855(	4.01	F5Ib-II	7834	195295	41 Cyg	Cygnus	758.13935	0.404		
7821	HIP 10108	307.3629(	56.06819(	5.912	B8.5V	7843	195554		Cygnus	895.60382	-0.052		
7822	HIP 10109	307.3805(	-22.39156	6.126	K5III	7825	195006		Capricorn	530.94335	1.543		
7823	HIP 10109	307.3954(	62.99411(	4.22	A7III	7850	195725	θ Cephei	Cepheus	135.60724	0.199		
7824	HIP 1011(	307.4125(	-2.885528	4.9	K1/2III	7831	195135	69 Aql	Aquila	190.86654	1.16		
7825	HIP 10112	307.4746(	-18.58318	5.897	A1V	7830	195094	ο 1 Capric	Capricorn	238.82801	0.062		
7826	HIP 10113	307.5029(	72.53170(	6.221	K4III:	7868	196142		Draco	682.00854	1.353		
7827	HIP 10113	307.5147(	48.95156(	4.936	B2.5IV	7844	195556	ω 1 Cygni	Cygnus	869.33473	-0.087	4.86	4.89
7828	HIP 10116	307.5748(	10.89592(	6.08	A1:III	7836	195325	1 Del	Delphinus	565.97206	-0.019		
7829	HIP 10116	307.5748(	10.89592(	6.2	~	7836	195325A	* 1 Del A	Delphinus	565.97206	-0.019		
7830	HIP 10121	307.7366(	-29.11266	6.343	A5V	7832	195206		Microscop	593.80595	0.227		

7831		HIP 10121	307.7423	20.60614	6.2	kA1hA9m	7839	195479		Delphinus	345.7068	0.138		
7832		HIP 10121	307.7467	36.93583	6.216	F5Ib	7847	195593	44 Cyg	Cygnus	1582.525	0.969		
7833		HIP 10122	307.7679	-15.0561	6.11	K1/2III+F	7837	195330		Capricorn	318.0489	0.797		
7834		HIP 10124	307.8284	49.22029	5.44	M2III	7851	195774	ω 2 Cygni	Cygnus	403.9663	1.566		
7835		HIP 10124	307.8381	52.30952	6.207	K0III	7854	195820		Cygnus	347.9203	1.018		
7836		HIP 10126	307.8766	74.95462	5.185	A9:VpCrSr	7879	196502	AF Dra	Draco	416.8791	0.1	5.15	5.22
7837		HIP 10126	307.9010	34.33037	6.467	F2		195690		Cygnus	146.9794	0.422		
7838		HIP 10128	307.9437	56.77986	6.141	K5III	7860	195964		Cygnus	821.1584	1.431		
7839		HIP 10130	307.9926	25.80496	6.362	kA2hF1mI	7849	195692		Vulpecula	264.3958	0.281		
7840		HIP 10133	308.0850	2.132804	6.46	K4III		195617	142 G. Aq	Aquila	1131.944	1.514		
7841		HIP 10134	308.0987	-9.85338	5.65	G2.5IV	7845	195564		Capricorn	79.01101	0.689		
7842		HIP 10138	308.2181	-24.9438	6.339	A0V	7842	195549		Capricorn	350.1599	0.001		
7843	Aldulfin	HIP 10142	308.3032	11.30326	4.03	B6IV	7852	195810	ϵ Delphini	Delphinus	358.6359	-0.123		
7844		HIP 10142	308.3234	-80.9648	5.767	G6/8II	7785	193721		Octans	526.6564	1.122		
7845		HIP 10147	308.4757	35.25084	4.636	K6:Ib+B2.5	7866	196093	47 Cyg A	Cygnus	928.7743	1.593		
7846		HIP 10147	308.4785	46.69385	5.769	B8pSi	7870	196178	V2015 Cyg	Cygnus	480.8273	-0.14	5.62	5.64
7847		HIP 10147	308.4794	-44.5160	5.118	K0III	7846	195569	ν Microsc	Microscop	215.8942	0.999		
7848		HIP 10148	308.4876	13.02720	5.38	A3IVs	7858	195943	η Delphin	Delphinus	172.9443	0.093		
7849		HIP 10148	308.4996	4.898662	6.418	G8III		195909		Delphinus	622.1386	1.016		
7850		HIP 10150	308.5415	20.98518	6.47	B3IV	7862	196035		Vulpecula	1475.114	-0.138		
7851		HIP 10150	308.5487	-13.7210	6.116	F9VFe-0.6	7855	195838		Capricorn	107.0607	0.543		
7852		HIP 10155	308.6974	-30.4734	6.402	B8V	7856	195843		Microscop	592.7268	-0.075		
7853		HIP 10155	308.7100	51.85422	6.18	A9II	7876	196379		Cygnus	7244.439	0.318		
7854		HIP 10155	308.7311	-38.0898	6.432	A5mA7-A9	7853	195814		Microscop	218.2062	0.264		
7855		HIP 10157	308.7761	-71.1887	6.4	K2III		195190		Pavo	804.9399	1.305		
7856		HIP 10158	308.8272	14.67421	4.647	A3Va	7871	196180	ζ Delphini	Delphinus	227.0196	0.12		
7857		HIP 10160	308.8844	-16.5258	6.177	A5II/III	7865	196078		Capricorn	234.5323	0.218		
7858		HIP 10161	308.8952	-60.5817	4.745	F0V	7848	195627	ϕ 1 Pavon	Pavo	89.88149	0.291		
7859		HIP 10162	308.9492	-44.3376	6.37	K1III		195902		Microscop	410.5808	0.958		
7860		HIP 10162	308.9654	-69.6105	6.084	K2III	7838	195402		Pavo	829.5170	1.293		

7861		HIP 10164	309.0347	25.88265	6.406	A5III	7874	196362	26 Vul	Vulpecula	701.0762	0.158		
7862		HIP 10168	309.1598	-63.12096	6.34	F2V		195772		Pavo	191.2023	0.413		
7863		HIP 10169	309.1818	-2.549954	4.88	K4+IIIBa1	7873	196321	70 Aql	Aquila	2202.704	1.606		
7864		HIP 10171	309.2694	26.46194	5.583	B8V	7880	196504	27 Vul	Vulpecula	305.2436	-0.05		
7865		HIP 10174	309.3265	0.096959	6.211	B8IIIpec	7878	196426	145 G. Aq	Aquila	642.9993	-0.076		
7866		HIP 10175	309.3482	38.32866	6.202	K0III	7888	196642		Cygnus	328.2984	1.011		
7867		HIP 10176	309.3824	31.57253	6.304	B8IIIn	7885	196606	48 Cyg	Cygnus	783.6553	-0.089		
7868		HIP 10176	309.3862	31.52191	6.496	F0V	7887	196629		Cygnus	160.5912	0.371		
7869	Rotanev	HIP 10176	309.3872	14.59508	3.63	F5IV	7882	196524	β Delphin	Delphinus	97.34265	0.425		
7870		HIP 10177	309.3918	-47.29150	3.11	K0III-IV	7869	196171	α Indi	Indus	101.2109	0.998		
7871		HIP 10177	309.3971	-61.52992	4.849	Fm_dD	7859	195961	ρ Pavonis	Pavo	194.8597	0.447	4.85	4.905
7872		HIP 10180	309.4546	11.37767	5.418	A1IV	7883	196544	ι Delphini	Delphinus	177.1738	0.05		
7873		HIP 10180	309.4676	-25.10921	6.377	A9V	7877	196385		Capricorn	164.1492	0.328		
7874		HIP 10181	309.4780	18.26858	5.89	M6III	7886	196610	EU Del	Delphinus	355.8943	1.162	5.79	6.9
7875		HIP 10184	309.5775	-81.28906	5.889	K5III	7812	194612		Octans	635.4785	1.692		
7876		HIP 10184	309.5845	-1.105117	4.33	G7.5IIIa	7884	196574	71 Aql	Aquila	383.5293	0.949		
7877		HIP 10186	309.6305	21.20116	4.82	A0Va(_sh)	7891	196724	29 Vul	Vulpecula	213.4906	-0.03		
7878		HIP 10186	309.6329	24.11595	5.049	B5IV	7894	196740	28 Vul	Vulpecula	493.1925	-0.133		
7879		HIP 10187	309.6457	23.68049	5.929	K1II+B7	7895	196753		Vulpecula	1975.759	0.953		
7880		HIP 10188	309.6832	13.31512	5.71	K3Ib	7892	196725	θ Delphin	Delphinus	1304.000	1.509		
7881		HIP 10189	309.7479	30.33426	5.673	K2III	7904	196852		Cygnus	386.2547	1.088		
7882		HIP 10190	309.7507	56.00484	6.45	F2Vn	7916	197101		Cygnus	424.4782	0.403		
7883		HIP 10190	309.7707	15.83819	5.98	B3V	7899	196775		Delphinus	1298.804	-0.145		
7884		HIP 10191	309.7744	-4.929514	6.45	K2III		196676	1 G. Aqr	Aquarius	234.0273	1.016		
7885		HIP 10191	309.7943	21.81744	6.075	A0III	7903	196821		Vulpecula	926.1369	-0.043		
7886		HIP 10192	309.8052	-2.412974	6.22	B7Ve	7890	196712	2 G. Aqr	Aquarius	1230.187	-0.09		
7887		HIP 10192	309.8180	-14.95477	5.38	B4V	7889	196662	* 14 Cap A	Capricorn	1752.687	-0.129		
7888		HIP 10193	309.8537	0.486431	5.153	K0III	7897	196758	1 Aqr	Aquarius	244.5613	1.06		
7889	Sualocin	HIP 10195	309.9094	15.91216	3.8	B9IV	7906	196867	α Delphin	Delphinus	240.5903	-0.057		
7890		HIP 10196	309.9656	-62.90781	6.225	K1III	7872	196317		Pavo	425.5866	1.099		

7891		HIP 10196	309.96614	11.249638	6.385	F8V	7907	196885		Delphinus	107.59902	0.559		
7892		HIP 10198	310.01098	-60.54889	5.121	G0VFe-0.8	7875	196378	ϕ 2 Pavon	Pavo	78.877361	0.544		
7893		HIP 10198	310.01226	-18.13865	5.1	M1III	7900	196777	υ Capricoı	Capricorn	754.62833	1.647		
7894		HIP 10198	310.01316	43.458877	5.965	K2III	7919	197139		Cygnus	470.41816	1.186		
7895		HIP 10199	310.04897	-23.77386	6.37	G7.5IV-V	7898	196761		Capricorn	47.744673	0.719		
7896		HIP 10201	310.08261	-33.43184	5.466	K1III	7893	196737		Microscop	239.00307	1.118		
7897		HIP 10202	310.13549	-16.12417	5.799	K0III	7905	196857		Capricorn	329.29271	0.997		
7898		HIP 10203	310.14959	-26.64515	6.5	G0/1V	7902	196815		Capricorn	377.31579	0.594		
7899		HIP 10203	310.15115	29.805553	6.03	A2V	7917	197120		Cygnus	267.21316	0.163		
7900		HIP 10204	310.18808	19.935536	6.44	G5V	7914	197076		Delphinus	68.415686	0.611		
7901		HIP 10205	310.23177	-42.39668	6.26	G6III		196748		Microscop	467.04733	0.934		
7902		HIP 10206	310.25150	39.082328	6.497	B6III	7922	197226		Cygnus	1015.5751	-0.105		
7903		HIP 10206	310.26059	32.307288	5.638	G8IIb	7921	197177	49 Cyg	49 Cyg	Cygnus	804.93997	0.871	
7904		HIP 10208	310.31753	14.582877	5.998	K4III:	7918	197121	10 Del	Delphinus	488.02543	1.235		
7905		HIP 10209	310.34857	-31.59828	5.74	M1III	7909	196917		Microscop	419.02425	1.551		
7906		HIP 10209	310.35109	-25.99991	6.29	K2III	7910	196947		Capricorn	644.26751	1.224		
7907		HIP 10209	310.35276	-42.13378	6.35	M4III		196829	AV Mic	Microscop	934.09792	1.584	6.25	6.35
7908	Deneb	HIP 10209	310.35797	45.280338	1.25	A2Ia	7924	197345	α Cygni	Cygnus	2615.7750	0.092	1.21	1.29
7909		HIP 10212	310.43375	-75.35080	6.44	G0V	7864	196067	μ 2 Octan	Octans	142.10638	0.62		
7910		HIP 10215	310.48542	41.716874	5.664	B8II-III	7926	197392		Cygnus	1041.5345	-0.107		
7911		HIP 10215	310.48781	-66.76068	5.134	B9III	7881	196519	υ Pavonis	Pavo	840.20662	-0.061		
7912		HIP 10215	310.49235	17.521490	6.238	G8III	7923	197249	LU Del	Delphinus	432.36091	0.942	6.22	6.47
7913		HIP 10216	310.51244	-76.18059	5.977	F6II/III	7863	196051	μ 1 Octan	Octans	336.77768	0.45		
7914		HIP 10217	310.55262	50.340018	5.401	B2V	7929	197511	51 Cyg	Cygnus	923.51269	-0.107		
7915		HIP 10220	310.64681	82.531156	5.75	A0V	8002	199095	76 Dra	Draco	357.84706	0		
7916		HIP 10221	310.66535	60.601317	6.16	A2IV	7938	197734		Cepheus	724.44397	0.034		
7917		HIP 10223	310.72067	-39.55883	6.289	K1III	7915	197093		Microscop	1314.5172	1.073		
7918		HIP 10225	310.79592	66.657447	5.6	A8V	7945	197950	4 Cep	Cepheus	138.78248	0.218		
7919		HIP 10225	310.80701	57.113991	6.334	B2III	7940	197770	V379 Cep	Cepheus	6269.2430	0.282	6.65	6.71
7920		HIP 10227	310.85079	35.587795	6.47	F7Ib	7932	197572	X Cyg	Cygnus	2217.6875	1.251	5.85	6.91

7921		HIP 10228	310.8647	15.074578	4.417	kA7hF1Vn	7928	197461	δ Delphin	Delphinus	203.36865	0.302	4.38	4.49
7922		HIP 10233	311.0097	-51.92097	4.495	A9IV	7920	197157	η Indi	Indus	78.782168	0.278		
7923		HIP 10235	311.0918	56.488405	5.95	M3III	7944	197939	V414 Cep	Cepheus	964.49742	1.643		
7924		HIP 10237	311.1376	69.751812	6.48	G8III	7967	198236		Cepheus	431.21665	0.973		
7925		HIP 10238	311.2188	25.270629	4.91	K1III	7939	197752	30 Vul	Vulpecula	364.65394	1.183		
7926		HIP 10239	311.2395	-66.20321	3.408	A7III	7913	197051	β Pavonis	Pavo	137.49479	0.163		
7927		HIP 10241	311.3046	-27.24728	6.492	G8III	7931	197540		Capricorn	470.41817	0.946		
7928		HIP 10242	311.3223	61.838781	3.41	K0IV	7957	198149	η Cephei	Cepheus	46.751672	0.912		
7929		HIP 10243	311.3380	57.579716	4.51	F8IV-V+F9	7955	198084		Cepheus	88.418725	0.535		
7930		HIP 10244	311.3676	18.090038	6.38	M4-6II-III	7941	197812		Delphinus	1239.5437	1.419		
7931		HIP 10245	311.4156	30.719714	4.23	K0IIIa	7942	197912	52 Cyg	Cygnus	205.80810	1.051		
7932		HIP 10248	311.5238	-25.27089	4.122	F5V	7936	197692	ψ Caprico	Capricorn	47.828781	0.426		
7933		HIP 10248	311.5416	-21.51403	5.902	A1V	7937	197725	17 Cap	Capricorn	269.64447	0.066		
7934	Aljanah	HIP 10248	311.5528	33.970328	2.48	K0III	7949	197989	ϵ Cygni	Cygnus	72.028418	1.021		
7935		HIP 10249	311.5775	-36.12015	6.481	F3/5V	7935	197649		Microscop	226.07488	0.433		
7936		HIP 10249	311.5836	-39.19926	5.47	B8/9V	7933	197630		Microscop	319.92152	-0.078		
7937		HIP 10249	311.5883	52.995298	6.341	K0	7962	198181		Cygnus	433.51169	1.131		
7938		HIP 10253	311.6608	46.531690	6.303	A3V	7958	198151		Cygnus	413.18232	0.064		
7939		HIP 10253	311.6619	16.124128	4.96	F8V	7947	197963	γ 1 Delphi	Delphinus	102.87161	0.495		
7940		HIP 10253	311.6645	16.124293	4.25	K1IV	7948	197964	γ 2 Delphi	Delphinus	101.43134	1.042		
7941		HIP 10256	311.7648	-2.486908	6.26	K4III	7946	197954	7 G. Aqr	Aquarius	787.44024	1.558		
7942		HIP 10257	311.7948	34.374122	4.93	K3III	7956	198134	T Cyg	Cygnus	398.53188	1.294	4.91	4.96
7943		HIP 10258	311.8365	45.579934	6.411	K3III	7966	198237		Cygnus	1309.2360	1.606		
7944		HIP 10258	311.8522	36.490694	4.76	~	7963	198183A	* lam Cyg	Cygnus	878.70723	-0.083		
7945		HIP 10258	311.8522	36.490714	4.54	B5V	7963	198183	λ Cygni	Cygnus	878.70723	-0.083		
7946		HIP 10258	311.8522	36.490964	6.25	~	7963	198183B	* lam Cyg	Cygnus	878.70723	-0.083		
7947		HIP 10259	311.8893	80.552259	5.371	K1III	8016	199437		Draco	401.47892	1.144		
7948	Albali	HIP 10261	311.9189	-9.495776	3.77	B9.5V	7950	198001	ϵ Aquarii	Aquarius	229.41606	0		
7949		HIP 10262	311.9343	-5.027701	4.44	M3III	7951	198026	3 Aqr	Aquarius	444.74892	1.639	4.41	4.47
7950		HIP 10263	311.9494	3.3064666	6.4	B9V	7954	198070		Delphinus	467.04732	-0.013		

7951	HIP 10263	311.95138	6.008208	5.64	A0V	7953	198069	13 Del	Delphinus	513.38498	-0.01		
7952	HIP 10263	311.95536	47.831868	5.586	K5III	7969	198345		Cygnus	537.95561	1.466		
7953	HIP 10267	312.07681	-44.19683	6.477	K2III		197900		Microscop	584.22807	1.161		
7954	HIP 10269	312.12146	-43.98848	5.1	F2V	7943	197937	ι Microscc	Microscop	133.88107	0.361		
7955		312.17805	51.910335	6.4	B8Vn	7978	198513A		Cygnus	791.26096	-0.071		
7956	HIP 10272	312.23454	46.114134	4.86	B2.5Ia	7977	198478	55 Cyg	Cygnus	2248.2761	0.571	4.81	4.87
7957	HIP 10277	312.32182	-0.563337	6.36	M5III		198272		Aquarius	942.19575	1.401		
7958	HIP 10277	312.32246	64.042258	6.451	B0.5V	7993	198781		Cepheus	2566.9314	0.025		
7959	HIP 10277	312.32338	-25.78124	5.849	B8II	7961	198174		Capricorn	910.61613	-0.069		
7960	HIP 10277	312.32571	-68.77652	5.407	K0III	7934	197635	σ Pavonis	Pavo	304.67286	1.122		
7961	HIP 10278	312.33559	-18.03585	6.193	K3III	7964	198208		Capricorn	1124.1396	1.402		
7962	HIP 10279	312.37067	-46.22682	4.882	K5III	7952	198048	ζ Indi	Indus	404.46508	1.494		
7963	HIP 10280	312.40736	12.545127	5.991	F5V	7973	198390	15 Del	Delphinus	96.421052	0.42		
7964	HIP 10281	312.45108	7.8641868	6.318	A1Vs	7974	198391	14 Del	Delphinus	517.45998	0.019		
7965	HIP 10282	312.47767	46.661336	6.333	B4Ve	7983	198625	V2136 Cyg	Cygnus	918.30972	-0.066		
7966	HIP 10283	312.49206	-33.77970	4.89	G8III	7965	198232	α Microsc	Microscop	380.39649	1.004		
7967	HIP 10283	312.49621	5.5445855	6.188	K0	7975	198404		Delphinus	495.44193	0.986		
7968	HIP 10289	312.67406	-12.54490	5.872	K1III	7976	198431	11 G. Aqr	Aquarius	249.61731	1.075		
7969	HIP 10290	312.69645	-32.05460	6.405	K5III	7970	198356		Microscop	695.09745	1.513		
7970	HIP 10291	312.75315	-37.91333	5.5	K3III	7971	198357		Microscop	626.92430	1.38		
7971	HIP 10294	312.85728	-5.626631	6.07	F7IV+F6:V	7982	198571	4 Aqr	Aquarius	192.10371	0.464		
7972	HIP 10294	312.85728	-5.626633	6.4	F7IV	7982	198571A	* 4 Aqr A	Aquarius	192.10371	0.464		
7973	HIP 10294	312.86765	28.250505	5.77	F5Ib+A0.8	7988	198726	T Vul	Vulpecula	1671.7970	0.616	5.41	6.09
7974	HIP 10295	312.87521	-51.60817	5.044	K1II/III	7968	198308	ι Indi	Indus	566.95658	1.125		
7975		312.91044	-62.42932	6.21	A3IV(n)	7959	198160	CD-62 133	Pavo	238.47854	0.14		
7976	HIP 10296	312.91045	-62.42932	5.65	A2III+A3II	7959	198160		Pavo	238.47854	0.203		
7977	HIP 10297	312.95537	-26.91913	4.12	M0IIIBa0.5	7980	198542	ω Caprico	Capricorn	628.13050	1.633		
7978	HIP 10298	312.99484	-33.17797	6.055	A1IV	7979	198529	β Microsc	Microscop	661.25864	0.029		
7979	HIP 10299	313.00162	32.848897	6.44	B3III	7996	198820		Cygnus	1952.0952	-0.138		
7980	HIP 10300	313.03204	27.096944	4.568	G7IIIFe-1	7995	198809	31 Vul	Vulpecula	216.46766	0.835		

7981	HIP 10300	313.0362	-5.507058	5.554	B9III	7985	198667	5 Aqr	Aquarius	752.8874	-0.076		
7982	HIP 10304	313.1634	-8.983327	4.72	A3II	7990	198743	μ Aquarii	Aquarius	155.1643	0.325		
7983		313.2548	-23.78321	6.47	~	7989	198732A		Capricorn	244.5613	0.876		
7984	HIP 10307	313.2733	-11.57365	6.389	G5V	7994	198802	15 G. Aqr	Aquarius	147.0456	0.661		
7985	HIP 10307	313.2806	29.64909	6.355	K2	7999	198976		Cygnus	426.7015	1.085		
7986	HIP 10308	313.3114	44.38726	4.77	B5V	8001	199081	57 Cyg	Cygnus	500.7687	-0.134		
7987	HIP 10309	313.3273	45.18168	5.462	K0II	8003	199098		Cygnus	744.2941	1.088		
7988	HIP 10310	313.3540	-30.71895	6.342	K1III	7991	198751		Microscop	530.9433	1.1		
7989	HIP 10312	313.4174	-39.80986	5.334	K2III	7987	198716		Microscop	411.6175	1.318		
7990	HIP 10314	313.4745	33.43789	5.47	K5III	8005	199101		Cygnus	609.3463	1.522		
7991	HIP 10315	313.4932	-6.889459	6.434	F2III/IV	7998	198949	18 G. Aqr	Aquarius	229.9014	0.361		
7992	HIP 10316	313.5273	-27.92523	6.409	M1III	7997	198853	BY Mic	Microscop	956.0116	1.634		
7993	HIP 10320	313.6401	28.05762	5.01	K4III	8008	199169	32 Vul	Vulpecula	739.2280	1.481		
7994	HIP 10320	313.6462	-50.72734	6.219	B5IV	7992	198766		Indus	1552.379	-0.098		
7995	HIP 10321	313.6847	75.92557	5.988	G5III	8043	200039		Cepheus	434.0887	0.946		
7996	HIP 10322	313.6992	-17.92289	5.782	K0III	8000	199012	19 Cap	Capricorn	395.1512	1.122		
7997	HIP 10322	313.7024	-58.45414	3.65	K1II	7986	198700	β Indi	Indus	602.5884	1.25		
7998	HIP 10329	313.9028	13.72153	5.182	K0III	8011	199253	17 Del	Delphinus	473.8379	1.119		
7999	HIP 10329	313.9107	12.56857	5.54	A5V	8012	199254	16 Del	Delphinus	199.3885	0.131		
8000		313.9194	4.532722	6.34	~	8010	199223A		Delphinus	361.4200	0.824		
8001	HIP 10330	313.9194	4.532721	6.05	K0III+F/G	8010	199223		Delphinus	361.4200	0.824		
8002	HIP 10331	313.9575	47.41765	5.64	B7Ia	8020	199478	V2140 Cyg	Cygnus	9314.279	0.408	5.65	5.84
8003	HIP 10334	314.0708	56.88751	6.218	B2.5IV	8029	199661		Cepheus	795.1208	-0.172		
8004	HIP 10335	314.1061	50.72859	5.82	F0III	8025	199611		Cygnus	173.8666	0.337		
8005	HIP 10336	314.1078	49.19583	5.913	G8II-III	8026	199612		Cygnus	1273.437	1.054		
8006	HIP 10337	314.1449	44.92472	5.96	O6.5V((f))	8023	199579		Cygnus	3927.714	0.02		
8007	HIP 10338	314.1972	-26.29637	5.7	F6V	8013	199260		Capricorn	68.47306	0.507		
8008	HIP 10340	314.2251	-9.697541	5.48	K4III	8015	199345	7 Aqr	Aquarius	601.4767	1.474		
8009	HIP 10341	314.2934	41.16713	3.94	A0IIIn	8028	199629	v Cygni	Cygnus	355.5063	0.027		
8010	HIP 10341	314.2940	0.463779	6.047	K2III	8017	199442		Aquarius	318.3596	1.217		

8011		HIP 10346	314.41935	-16.03153	5.869	A2/3III	8018	199443		Capricorn	185.43795	0.18		
8012		HIP 10351	314.56817	22.325907	5.288	K3.5III	8032	199697	33 Vul	Vulpecula	397.07792	1.419		
8013		HIP 10351	314.58110	44.471705	5.547	K0III:Fe-0.	8035	199870		Cygnus	264.61037	0.973		
8014	Musica	HIP 10352	314.60805	10.839286	5.506	G6III	8030	199665		Delphinus	238.42039	0.924		
8015			314.62513	50.461791	5.96	B7IVn	8040	199955A		Cygnus	1263.5666	-0.144		
8016		HIP 10353	314.62514	50.461789	5.9	B7IVn+B7I	8040	199955		Cygnus	1263.5666	-0.144		
8017		HIP 10353	314.62897	41.939925	6.156	B9III:	8036	199892		Cygnus	465.04894	-0.079		
8018		HIP 10354	314.67433	-14.48312	5.963	A9V	8024	199603	DV Aqr	Aquarius	275.57083	0.244	5.89	6.25
8019		HIP 10356	314.76842	4.2935597	6.31	F6(V)	8034	199766	* eps Equ	Equuleus	196.50406	0.464		
8020		HIP 10356	314.76867	4.2935051	5.96	F5(V)	8034	199766A	* eps Equ	Equuleus	196.50406	0.464		
8021		HIP 10359	314.85258	42.324463	6.465	B9		200030		Cygnus	767.05871	-0.077		
8022		HIP 10359	314.85576	59.438600	5.526	K4III	8049	200205		Cepheus	586.33076	1.411		
8023		HIP 10361	314.90058	-19.03527	6.25	ApSi	8033	199728	20 Cap	Capricorn	430.07891	-0.11	6.2	6.25
8024		HIP 10363	314.95647	47.520934	4.75	B1.5Vnne	8047	200120	59 Cyg	Cygnus	1124.1396	-0.084	4.49	4.88
8025		HIP 10364	314.99871	-36.12963	6.096	F2V	8031	199684		Microscop	135.21376	0.4		
8026		HIP 10365	315.01662	7.5161882	5.995	F1Vp	8038	199942		Equuleus	235.37925	0.283		
8027		HIP 10367	315.08951	-51.26531	5.761	F5.5V	8027	199623		Indus	92.956979	0.48		
8028		HIP 10367	315.11536	19.329581	5.702	M3III	8044	200044		Delphinus	595.97711	1.588		
8029		HIP 10368	315.14106	-4.730259	6.192	G1V	8041	199960	11 Aqr	Aquarius	86.243329	0.635		
8030		HIP 10369	315.18092	-53.73906	6.26	K5/M0III		199642		Indus	804.93993	1.563		
8031		HIP 10370	315.21569	-17.53089	6.05	K3III		199947	21 Cap	Capricorn	545.15043	1.267		
8032		HIP 10373	315.29553	46.155776	5.432	B1Ve	8053	200310	60 Cyg	Cygnus	1364.0170	-0.206	5.33	5.48
8033		HIP 10373	315.30360	36.026011	5.997	G5III	8051	200253		Cygnus	657.25861	0.994		
8034		HIP 10373	315.32278	-32.25773	4.654	G8III	8039	199951	γ Microsc	Microscop	223.44080	0.89		
8035		HIP 10375	315.36674	-68.20960	6.36	A2V	8019	199475		Pavo	271.66665	0.101		
8036		HIP 10377	315.43860	-26.88099	6.037	A3V	8045	200052		Capricorn	297.98920	0.073		
8037			315.53752	56.669614	6.23	B8IVs	8065	200614A		Cepheus	729.30789	-0.058		
8038		HIP 10382	315.58732	39.509032	6.44	K3III		200465		Cygnus	1411.2545	1.51		
8039		HIP 10382	315.60083	44.790979	6.23	M4.5III	8062	200527	V1981 Cyg	Cygnus	1234.8493	1.687	7.5	8.1
8040		HIP 10383	315.61318	-38.53096	5.94	K2III	8046	200073		Microscop	214.33269	1.106		

8041	HIP 10387	315.7025	45.84889	6.486	B3Vn	8064	200595		Cygnus	1352.698	-0.124	
8042	HIP 10388	315.7414	-38.63144	5.305	F5V	8048	200163	ζ Microsc	Microscop	115.1129	0.424	
8043	HIP 10388	315.7484	-0.924744	6.488	B8III	8054	200340		Aquarius	1455.359	-0.094	
8044	HIP 10389	315.7574	14.73002	6.329	M1III	8057	200430		Delphinus	633.0107	1.68	
8045	HIP 10389	315.7701	38.65741	6.097	G8III	8063	200577		Cygnus	654.6180	1.011	
8046	HIP 10390	315.7924	-27.73159	6.26	K0III	8050	200245		Microscop	1263.566	0.945	
8047	HIP 10392	315.8587	50.35191	6.364	K0	8072	200740		Cygnus	388.0966	0.986	
8048	HIP 10394	315.9311	46.86313	6.31	F0IVn	8074	200753		Cygnus	262.9034	0.259	
8049	HIP 10395	315.9484	53.28591	5.918	K0III	8078	200817		Cygnus	404.9703	1.001	
8050	HIP 10396	315.9672	41.62817	6.324	F3IV	8071	200723		Cygnus	330.2935	0.39	
8051	HIP 10398	316.0196	-5.823059	5.8	K0/1III	8059	200497	* 12 Aqr A	Aquarius	540.6288	0.683	
8052	HIP 10401	316.1012	-19.85509	4.84	A5V	8060	200499	η Capricoı	Capricorn	157.9457	0.169	
8053	HIP 10403	316.1443	5.502864	5.585	K5III	8066	200644	ζ Equ	Equuleus	687.7624	1.65	
8054	HIP 10404	316.1735	2.942274	6.413	K0III	8067	200661		Equuleus	399.5098	1.051	
8055	HIP 10404	316.1794	-77.02376	5.15	F6(m)pec	8021	199532	α Octantis	Octans	147.7119	0.49	
8056	HIP 10404	316.1890	2.269779	6.349	G8III/IV	8068	200663	38 G. Aqr	Aquarius	387.6336	0.965	
8057	HIP 10406	316.2327	43.92785	3.73	K4.5Ib-II	8079	200905	ξ Cygni	Cygnus	1176.896	1.609	
8058	HIP 10408	316.3093	-54.72704	5.163	K2III	8055	200365	μ Indi	Indus	348.6636	1.201	
8059	HIP 10410	316.3719	78.12639	5.907	B8Vn	8112	201908	77 Dra	Cepheus	412.1358	-0.065	
8060	HIP 10413	316.4867	-17.23286	4.07	A1V	8075	200761	θ Capricoı	Capricorn	158.1755	-0.01	
8061	HIP 10414	316.5047	-30.12514	5.687	K0/1III	8070	200718	δ Microsc	Microscop	331.6366	1.047	
8062	HIP 10417	316.5970	71.43179	5.877	F3IV	8099	201636		Cepheus	160.1178	0.386	
8063	HIP 10417	316.5978	26.92436	6.13	K0II-III	8082	201051		Vulpecula	347.9203	1.026	
8064	HIP 10417	316.6028	-32.34161	5.196	K2III	8076	200763	2 PsA	Microscop	353.5797	1.104	
8065	HIP 10417	316.6063	-41.38596	5.505	K3III	8069	200702	η Microsc	Microscop	931.4279	1.35	
8066	HIP 10418	316.6260	31.18465	5.82	F7II-	8084	201078	DT Cyg	Cygnus	1895.348	0.554	5.57 5.96
8067	HIP 10419	316.6503	47.64840	4.514	K4Ib-IIa	8089	201251	63 Cyg	Cygnus	981.9286	1.569	
8068	HIP 10420	316.6660	3.803118	6.487	G8IV		200964		Equuleus	222.9279	0.891	
8069	HIP 10421	316.7247	38.74941	5.21	K5V	8085	201091	61 Cyg A	Cygnus	11.40400	1.069	5.19 5.27
8070	HIP 10421	316.7302	38.74204	6.03	K7V	8086	201092	61 Cyg B	Cygnus	11.40399	1.309	

8071		HIP 10423	316.7819	-25.00585	4.5	M1-III	8080	200914	24 Cap	Capricorn	522.4347	1.604		
8072		HIP 10428	316.8901	15.65865	6.26	K2IV	8088	201196		Delphinus	369.1951	1.008		
8073		HIP 10429	316.9355	-45.37945	6.44	A9V		200887		Indus	308.4202	0.245		
8074		HIP 10429	316.9362	-17.45590	6.17	B9.5V	8083	201057		Capricorn	432.3609	-0.035		
8075		HIP 10435	317.1172	6.989359	6.18	K5III	8090	201298		Equuleus	831.6328	1.669		
8076		HIP 10436	317.1362	-63.92825	5.75	K0III	8073	200751		Pavo	488.7556	1.18		
8077		HIP 10436	317.1401	-21.19367	5.316	A0Van	8087	201184	χ Capricor	Capricorn	191.0901	0		
8078		HIP 10437	317.1620	30.20563	5.71	B9VspSi				Cygnus	443.5361	-0.048	5.55	5.71
8079	Polaris Au	HIP 10438	317.1952	-88.95649	5.42	F0IV	7228	177482	σ Octantis	Octans	270.0911	0.283	5.45	5.5
8080		HIP 10444	317.3430	-36.70586	6.46	F7V		201242		Microscop	240.9460	0.52		
8081		HIP 10444	317.3436	-73.17281	5.67	F9.5V	8061	200525		Pavo	61.07156	0.59		
8082		HIP 10445	317.3874	-20.55666	6.242	F2IV/V	8091	201352	27 Cap	Capricorn	175.5520	0.385		
8083		HIP 10445	317.3985	-11.37169	4.52	K0III	8093	201381	ν Aquarii	Aquarius	163.5725	0.926		
8084		HIP 10448	317.4927	2.943697	6.43	F2V	8095	201507		Equuleus	299.3574	0.375		
8085		HIP 10451	317.5648	53.56310	5.747	B9III	8106	201834		Cygnus	430.6461	-0.111		
8086		HIP 10452	317.5854	10.13158	4.68	A9VpSrCr	8097	201601	γ Equulei	Equuleus	114.8697	0.262	4.58	4.77
8087		HIP 10453	317.6304	10.04891	6.057	A2Va	8098	201616	6 Equ	Equuleus	478.7083	0.022		
8088		HIP 10455	317.6955	-9.354073	6.267	K1/2III	8096	201567	49 G. Aqr	Aquarius	346.4403	1.161		
8089		HIP 10459	317.8372	-72.54435	6.186	K1III	8081	200924		Pavo	390.4177	1.087		
8090		HIP 10463	317.9222	-14.47237	6.445	Fm_dD	8102	201707	EW Aqr	Aquarius	438.7635	0.316	6.41	6.48
8091		HIP 10464	317.9510	59.98656	6.09	~	8119	202214A		Cepheus	9055.566	0.11		
8092		HIP 10468	318.0571	-40.26936	5.83	F5V	8100	201647		Microscop	105.5017	0.45		
8093		HIP 10473	318.2341	30.22689	3.21	G8+III-IIIa	8115	202109	ζ Cygni	Cygnus	150.7864	0.99		
8094		HIP 10473	318.2627	-39.42491	5.26	F6VFe-0.9	8104	201772		Microscop	108.8116	0.46		
8095		HIP 10475	318.3221	-27.61936	5.388	K3III	8110	201901	3 PsA	Microscop	391.3566	1.425		
8096		HIP 10475	318.3290	-36.42352	5.954	K0III	8108	201852		Microscop	337.1265	0.967		
8097		HIP 10475	318.3354	-70.12625	5.071	M1/2III	8092	201371	ο Pavonis	Pavo	888.2851	1.578		
8098		HIP 10475	318.3399	81.23096	6.12	A3IV	8174	203501		Cepheus	511.7745	0.092		
8099		HIP 10476	318.3601	36.63326	6.071	A8II	8120	202240		Cygnus	1781.421	0.223		
8100		HIP 10477	318.3699	15.98242	6.252	A7Vn	8116	202128		Pegasus	291.8532	0.238		

8101		HIP 10478	318.4270	64.40395	6.39	G0V	8133	202582		Cepheus	134.9337	0.625	
8102		HIP 10482	318.5428	29.90096	6.166	G6Ib-IIaCa	8126	202314		Cygnus	2432.837	1.105	
8103		HIP 10485	318.6200	10.00697	4.49	F7(V)+G0(	8123	202275	δ Equulei	Equuleus	60.24775	0.529	
8104		HIP 10487	318.6543	0.092255	6.39	M1-III	8121	202259		Aquarius	684.8740	1.574	
8105		HIP 10488	318.6978	38.04531	3.73	F2IV	8130	202444	τ Cygni	Cygnus	68.20084	0.393	3.65 3.75
8106		HIP 10491	318.7775	-17.34517	6.037	K0III	8122	202261		Capricorn	368.3605	0.978	
8107		HIP 10492	318.8099	-40.50606	6.212	K2III	8117	202135		Microscop	583.1848	1.138	
8108		HIP 10496	318.9049	47.97399	6.441	B4IV	8136	202654		Cygnus	1552.379	-0.129	
8109		HIP 10496	318.9079	-20.65169	5.152	K0II/III	8127	202320	ϕ Capricoı	Capricorn	690.6768	1.161	
8110		HIP 10496	318.9268	77.01229	5.898	K5III	8168	203399		Cepheus	835.8968	1.531	
8111		HIP 10497	318.9368	-15.17150	5.317	M2III	8128	202369	29 Cap	Capricorn	628.1305	1.639	
8112		HIP 10497	318.9410	-53.26308	5.719	A3V(m)	8114	202103		Indus	396.5954	0.191	
8113		HIP 10498	318.9449	-36.21070	6.14	K3III	8124	202287		Microscop	862.4333	1.38	
8114	Kitalpha	HIP 10498	318.9559	5.247891	3.933	G6IV+B9.5	8131	202447	α Equulei	Equuleus	186.1793	0.549	
8115		HIP 10501	319.0713	44.23823	6.37	K0III+A7V		202710		Cygnus	1530.518	0.979	
8116		HIP 10501	319.0740	-9.214665	6.46	M2/3III		202466	14 Aqr	Aquarius	1831.462	1.612	
8117		HIP 10503	319.1234	42.25179	6.21	K2	8138	202720		Cygnus	864.7218	1.251	
8118		HIP 10504	319.1644	-1.607767	6.479	K0III	8132	202554	55 G. Aqr	Aquarius	844.5587	0.981	
8119		HIP 10506	319.2585	53.99769	6.13	A1V	8147	202923		Cygnus	401.4789	0.049	
8120		HIP 10507	319.3063	-13.27897	6.402	A1V	8134	202606	57 G. Aqr	Aquarius	609.3463	0.035	
8121		HIP 10508	319.3093	55.79800	5.975	K3III	8150	202987		Cepheus	1475.114	1.447	
8122		HIP 10509	319.3282	58.61148	6.425	B2IIIe	8153	203025	V421 Cep	Cepheus	2527.133	0.194	
8123		HIP 10510	319.3465	42.68357	6.159	B7V	8144	202862		Cygnus	1151.944	-0.094	
8124		HIP 10510	319.3539	39.39467	4.24	B9Iab	8143	202850	σ Cygni	Cygnus	4527.783	0.098	
8125		HIP 10513	319.4795	34.89689	4.42	B2Vne	8146	202904	υ Cygni	Cygnus	900.5525	-0.103	4.28 4.5
8126		HIP 10514	319.4845	-32.17254	4.708	A0V	8135	202627	ϵ Microsc	Microscop	164.9798	0.07	
8127		HIP 10514	319.4886	-17.98513	5.383	B5II/III	8137	202671	30 Cap	Capricorn	579.0414	-0.118	
8128		HIP 10514	319.5020	-64.68158	6.313	B8V	8125	202299		Pavo	551.6085	-0.064	
8129		HIP 10516	319.5461	-4.519479	5.812	B7III	8141	202753	15 Aqr	Aquarius	978.9783	-0.13	
8130		HIP 10518	319.6132	43.94594	5	O7.5IIIn((f	8154	203064	68 Cyg	Cygnus	2249.665	-0.061	4.98 5.09

8131		HIP 10519	319.6351(	61.18439(	6.49	M3		203265	V422 Cep	Cepheus	1605.9124	1.543		
8132	Alderamir	HIP 10519	319.6448(	62.58557(	2.46	A8Vn	8162	203280	α Cephei	Cepheus	49.050012	0.257		
8133		HIP 10522	319.7167(	11.20338(	5.951	K5III	8149	202951		Equuleus	1253.8453	1.612		
8134		HIP 10522	319.7257(	-28.76581	6.4	K0IV	8142	202773		Microscop	403.4642(	0.966		
8135		HIP 10522	319.7305(	41.04051(	6.15	A5IV	8155	203096		Cygnus	1697.9161	0.257		
8136		HIP 10525	319.8153(	58.62350(	5.75	M1Ibep	8164	203338	V381 Cep	Cepheus	3662.9373	1.114	5.51	5.71
8137		HIP 10526	319.8424(	38.23746(	5.882	F1II+B7.0\	8157	203156	V1334 Cyg	Cygnus	3505.3814	0.505	5.77	5.96
8138		HIP 10526	319.8425(	64.87185(	5.18	B3IVe	8171	203467	6 Cep	Cepheus	1079.4711	-0.045	5.08	5.23
8139		HIP 10528	319.8697(	49.51029(	5.74	B6V	8161	203245		Cygnus	536.18542	-0.119		
8140		HIP 10531	319.9666(	-53.44942	4.483	A5IV-V	8140	202730	θ Indi	Indus	97.081532	0.191		
8141		HIP 10533	320.0395(	-45.02189	6	C7,2	8145	202874	T Ind	Indus	1862.8592	2.387		
8142		HIP 10534	320.0586(	22.02617(	6.282	B6IV	8158	203206		Vulpecula	538.84233	-0.106		
8143		HIP 10537	320.1393(	60.75640(	6.104	G5III	8179	203574		Cepheus	428.94769	1.005		
8144		HIP 10538	320.1900(	-40.80961	4.82	ApCrEuSr	8151	203006	θ 1 Micros	Microscop	186.39219	0.029	4.77	4.87
8145		HIP 10539	320.2085(	32.45221(	5.68	G8IV-+G5I	8166	203358		Cygnus	238.82800	0.802		
8146		HIP 10541	320.2679(	-4.560124	5.848	G8III	8160	203222	16 Aqr	Aquarius	336.42885	0.912		
8147		HIP 10541	320.2701(	7.354504(	5.798	M2III	8163	203291	9 Equ	Equuleus	1058.4408	1.663		
8148		HIP 10542	320.3191(	-49.93824	6.38	K3III	8152	203010		Indus	364.24645	1.327		
8149		HIP 10543	320.3414(	32.61273(	6.037	A1V	8169	203439		Cygnus	604.82475	0.062		
8150		HIP 10549	320.5017(	49.38884(	5.671	K0III	8185	203644		Cygnus	328.29841	1.1		
8151		HIP 10550	320.5216(	19.80451(	4.09	K1III	8173	203504	1 Peg	Pegasus	153.84629	1.108		
8152		HIP 10551	320.5616(	-16.83454	4.27	G7IIIFe-1.5	8167	203387	ι Capricorı	Capricorn	215.46618	0.888	4.27	4.33
8153		HIP 10555	320.6752(	30.30988(	6.06	K1III	8182	203630		Cygnus	374.28399	1.079		
8154		HIP 10557	320.7233(	6.811139(	5.148	A3V	8178	203562	β Equulei	Equuleus	359.82262	0.064		
8155		HIP 10557	320.7344(	-9.319328	5.965	K4/5III	8175	203525	17 Aqr	Aquarius	719.64851	1.516		
8156		HIP 10557	320.7520(	-22.66904	5.6	M0III	8172	203475		Capricorn	666.66697	1.641		
8157		HIP 10563	320.9516(	37.35147(	6.43	K5	8193	203857		Cygnus	920.90468	1.472		
8158		HIP 10564	320.9828(	-25.20248	6.47	K1III		203607		Capricorn	888.28512	1.123		
8159		HIP 10565	320.9951(	24.27413(	5.688	F1IV	8190	203803		Vulpecula	180.60960	0.314		
8160		HIP 10566	321.0310(	25.31242(	6.19	A2V	8194	203858		Vulpecula	611.63163	0.026		

8161	HIP 10566	321.0330	-22.74708	6.373	K0III	8184	203639		Capricorn	475.9112	1.026		
8162	HIP 10566	321.0399	-20.85186	5.366	K0III	8183	203638	33 Cap	Capricorn	227.8127	1.176		
8163	HIP 10566	321.0478	-12.87810	5.476	F0V	8187	203705	18 Aqr	Aquarius	156.7307	0.297		
8164	HIP 10567	321.0697	-69.73387	6.41	C7,3	8156	203133	Y Pav	Pavo	1181.160	2.607		
8165	HIP 10568	321.0868	-46.61470	6.293	A5mA6-F(	8177	203548		Indus	313.7633	0.235		
8166	HIP 10568	321.0963	24.52839	6.339	K0III	8197	203886		Vulpecula	507.7875	1.057		
8167	HIP 10569	321.1023	10.17422	6.317	F5III	8191	203842		Equuleus	344.2463	0.474		
8168	HIP 10569	321.1034(	-41.00669	5.775	ApSi	8180	203585	θ 2 Micro	Microscop	463.0668(	-0.036		
8169	HIP 1057(	321.1416	26.17455	5.658	A8III	8198	203925		Vulpecula	219.6764	0.323		
8170	HIP 10572	321.2064(	80.52482	5.965	G6III:	8239	205072		Cepheus	355.1184	0.95		
8171	HIP 10572	321.2153	-3.398356	6.375	F0V	8192	203843	20 Aqr	Aquarius	232.3591	0.334		
8172	HIP 10576	321.3042(	-9.748557	5.713	A8V	8195	203875	19 Aqr	Aquarius	275.8039	0.208		
8173	HIP 10576	321.3206	-3.556746	5.469	K4III	8199	203926	21 Aqr	Aquarius	408.0087(	1.451		
8174	HIP 10576	321.3251	-71.79905	6.09	K2III	8159	203212		Pavo	530.9433	1.265		
8175	HIP 10576	321.3314	46.71434	5.58	F0V	8208	204153		Cygnus	111.8737	0.335		
8176	HIP 10581	321.4459	36.66738	5.94	B0.2Iab	8209	204172	69 Cyg	Cygnus	2762.714(	0.033		
8177	HIP 10581	321.4649	0.534342	6.45	A1Vb	8203	204041	72 G. Aqr	Aquarius	284.4676	0.162		
8178	HIP 10584	321.5643	-54.66045	6.082	F2/3II	8188	203760	γ Indi	Indus	207.9082(	0.366		
8179	HIP 10585	321.5953	-37.82943	5.62	K2III	8200	203949		Microscop	275.9283	1.19		
8180	HIP 10585	321.6108	-65.36619	4.22	F9VFe-1.4	8181	203608	γ Pavonis	Pavo	30.04609(	0.494		
8181	HIP 10586	321.6110	19.37564	6.064	kA6hA9m	8210	204188	IK Peg	Pegasus	150.0920	0.235	6.07	6.1
8182	HIP 10588	321.6667	-22.41132	3.74	G4Ib:Ba2	8204	204075	ζ Capricor	Capricorn	398.0461	1.002		
8183	HIP 10589	321.6873	52.89853	5.987	B7III	8218	204428		Cygnus	441.7334	-0.109		
8184	HIP 10589	321.7150	48.83516	5.31	A4VpSiCrI	8216	204411		Cygnus	389.4853	0.108		
8185		321.7567(	-42.54793	5.58	~	8202	204018A		Microscop	175.5520	0.392		
8186	HIP 10592	321.8117	-21.19621	5.76	K3III	8207	204139	35 Cap	Capricorn	462.4116(	1.44		
8187	HIP 10594	321.8390	37.11679	5.293	B3V	8215	204403	70 Cyg	Cygnus	1771.738	-0.14		
8188	HIP 10594	321.8553	59.75007	6.129	M3+IIIa	8224	204599	V426 Cep	Cepheus	981.9286	1.72		
8189	HIP 10596	321.9169(	27.60859	5.379	A1VmA3	8217	204414	35 Vul	Vulpecula	181.5145	0.049		
8190	HIP 10597	321.9422	66.80909	5.41	B7V	8227	204770	7 Cep	Cepheus	770.6870	-0.099		

8191		HIP 10602	322.1034	8.195647	6.41	M1	8219	204445	2 G. Peg	Pegasus	905.5566	1.64		
8192	Alfirk	HIP 10603	322.1649	70.56071	3.23	B0.5IIIs	8238	205021	β Cephei	Cepheus	594.8915	-0.201	3.16	3.27
8193		HIP 10603	322.1808	-21.80717	4.5	G7IIIbFe-1	8213	204381	36 Cap	Capricorn	179.3179	0.889		
8194		HIP 10604	322.1871	-69.50538	5.62	M5III	8196	203881	SX Pav	Pavo	396.1129	1.553	5.34	5.97
8195		HIP 10605	322.2197	55.41870	6.127	B8III	8226	204754		Cepheus	928.7743	0.1		
8196		HIP 10606	322.2490	22.17943	5.95	M4.5IIIa	8223	204585	NV Peg	Pegasus	602.5883	1.37		
8197		HIP 10606	322.2496	17.90591	6.401	K5	8221	204560		Pegasus	544.2408	1.393		
8198		HIP 10606	322.2506	-53.70591	6.38	K2IIICNIb	8211	204228		Indus	361.0190	1.14		
8199		HIP 10606	322.2655	-31.23855	6.5	A1V	8214	204394		PiscisAust	376.8789	0.036		
8200		HIP 10609	322.3622	46.54058	5.217	K0-III	8228	204771	71 Cyg	Cygnus	223.5940	0.965		
8201		HIP 10610	322.3937	6.581378	6.41	K0		204603	3 G. Peg	Pegasus	823.2317	1.179		
8202		HIP 10614	322.4870	23.63884	4.509	M1+III	8225	204724	2 Peg	Pegasus	442.3332	1.618		
8203		HIP 10617	322.5847	52.95799	6.007	A3V	8237	204965		Cygnus	479.4125	0.08		
8204		HIP 10622	322.7470	60.45943	5.522	B1Ib	8243	205139		Cepheus	2397.059	0.102		
8205		HIP 10624	322.7901	12.13747	6.093	B9.5V	8231	204862		Pegasus	416.8791	-0.047		
8206		HIP 10626	322.8644	52.61986	6.18	G2II+B9V	8242	205114		Cygnus	1147.888	0.9		
8207	Sadalsuud	HIP 10627	322.8897	-5.571174	2.89	G0Ib	8232	204867	β Aquarii	Aquarius	611.6316	0.828		
8208		HIP 10630	322.9589	23.84516	6.42	G9+IIIaBa1+		205011		Pegasus	516.6417	1.064		
8209		HIP 10632	323.0127	-84.81006	6.404	K3III	8129	202418		Octans	666.6669	1.405		
8210		HIP 10632	323.0244	-41.17931	5.286	K0III	8229	204783	ξ Gruis	Grus	383.0794	1.109		
8211		HIP 10634	323.0607	-33.94462	5.958	A2V	8230	204854	6 PsA	PiscisAust	411.6175	0.051		
8212		HIP 10636	323.1385	-24.59041	6.428	A7V	8235	204943		Capricorn	226.0748	0.2		
8213		HIP 10639	323.2358	49.97763	5.755	A0V	8246	205314		Cygnus	475.2201	-0.042		
8214		HIP 10641	323.3233	-52.73777	6.404	K4III	8233	204873		Indus	871.6591	1.481		
8215		HIP 10642	323.3245	45.85401	6.209	K4Ib	8248	205349		Cygnus	1502.303	1.805		
8216		HIP 10642	323.3381	-80.03935	6.466	A0V	8201	203955		Octans	360.2203	0.044		
8217		HIP 10642	323.3479	-44.84870	5.563	K1III	8236	204960		Grus	622.1386	1.044		
8218			323.3625	-0.82325	6.25	Globular Cluster			M 2	Aquarius				
8219		HIP 10647	323.4773	-82.68308	6.38	B3.5V	8176	203532		Octans	812.9693	0.089		
8220		HIP 10648	323.4952	45.59183	4.02	G8IIIFe-0.	8252	205435	ρ Cygni	Cygnus	124.4273	0.885		

8221		HIP 1065(	323.5714{	-42.92467	6.324	K1IIICNII	8241	205096		Grus	322.7723{	1.093	
8222		HIP 10651	323.6144:	51.69846(	6.163	B7IIIe	8259	205551		Cygnus	1630.000{	-0.015	
8223		HIP 10652	323.6415(	22.75452:	6.451	F7V	8250	205420		Pegasus	225.6057(	0.513	
8224		HIP 10655	323.6912{	18.32893:	6.47	K2		205422		Pegasus	735.8931(	1.254	
8225		HIP 10655	323.6941:	38.53406(	4.91	K0.5IIIFe0	8255	205512	72 Cyg	Cygnus	255.4859(	1.085	
8226		HIP 10655	323.7127:	-20.08426	5.696	F5VFe-0.8	8245	205289	37 Cap	Capricorn	88.44285:	0.423	
8227		HIP 10656	323.7208{	-29.69611	6.42	B8III	8244	205265		PiscisAust	695.0974{	-0.097	
8228		HIP 10659	323.8164{	-23.45431	6.382	K1III	8247	205342		Capricorn	384.8887:	1.098	
8229		HIP 10659	323.8234:	-3.983304	5.778	K1/2III	8251	205423	80 G. Aqr	Aquarius	441.1368{	1.11	
8230		HIP 10659	323.8296{	28.19760(	6.31	F0IV	8257	205539		Pegasus	234.5323(	0.357	
8231		HIP 1066(	323.8580(	68.21929:	6.45	B8IIIpSi		205938	V431 Cep	Cepheus	617.4246{	-0.083	
8232		HIP 1066(	323.8626{	24.45216(	6.22	A4V	8258	205541		Pegasus	689.2164(	0.141	
8233		HIP 10664	324.0104(	45.37458{	5.38	M4e-M6e	8262	205730	W Cyg	Cygnus	617.4246{	1.341	6.8 8.9
8234		HIP 10665	324.0457:	-26.17151	5.725	A7/8IV	8253	205471	8 PsA	PiscisAust	175.5520{	0.234	
8235		HIP 10666	324.0582{	30.05542:	6.26	G8III-IV	8261	205688		Cygnus	356.6734(	1.24	
8236		HIP 1067(	324.2033{	-33.04789	6.099	A5V	8256	205529	7 PsA	PiscisAust	236.9186:	0.226	
8237		HIP 10671	324.2373{	40.41352{	5.035	A3Vn	8266	205835	74 Cyg	Cygnus	206.4597{	0.198	
8238		HIP 10672	324.2701:	-19.46601	4.55	B3V	8260	205637	ϵ Capricor	Capricorn	662.6017{	-0.18	4.48 4.72
8239		HIP 10675	324.3661{	44.69654{	6.2	A7III	8272	205939	CP Cyg	Cygnus	661.2586{	0.218	
8240		HIP 10675	324.3906:	-0.390561	6.214	A0V	8263	205765		Aquarius	398.5318:	0.056	
8241		HIP 10677	324.4117:	54.04219(	6.159	K1III	8275	206040		Cygnus	646.8266(	0.991	
8242		HIP 10678	324.4318{	6.618391{	6.177	A2V	8265	205811	3 Peg	Pegasus	257.0980{	0.046	
8243	Bunda	HIP 10678	324.4379{	-7.854201	4.69	K0III	8264	205767	ξ Aquarii	Aquarius	178.5323{	0.175	
8244		HIP 10678	324.4392{	19.31860{	5.448	F1IV	8267	205852	5 Peg	Pegasus	321.1824{	0.321	
8245		HIP 1068(	324.4801(	62.08194:	4.73	B2Ib	8279	206165	9 Cep	Cepheus	4527.783(	0.246	4.69 4.78
8246		HIP 10681	324.5118(	-64.82416	6.206	A0/1IV	8249	205417		Indus	590.5785{	0.021	
8247		HIP 10685	324.6330{	5.771745:	5.656	A9IV-Vn	8270	205924	4 Peg	Pegasus	173.9595:	0.265	
8248		HIP 10687	324.6881{	25.49877(	6.197	G9III	8274	206027		Pegasus	416.3477{	1.026	
8249		HIP 10688	324.7349:	-79.44258	6.17	F6IV	8234	204904		Octans	195.9136{	0.46	
8250		HIP 10688	324.7400{	57.48904:	5.62	O6.0V((f))	8281	206267		Cepheus	1172.661{	0.2	

8251		HIP 10689	324.7549	20.26545(	5.762	F1Vnn	8276	206043	NZ Peg	Pegasus	127.4930	0.314		
8252		HIP 10690	324.7754	-33.67885	6.277	G8IV	8268	205872		PiscisAust	147.1121	0.949		
8253		HIP 10693	324.8671(	-10.57687	6.07	K0III	8273	206005		Capricorn	318.9826	1.034		
8254		HIP 10694	324.8886	2.2436609	5.1	K0III	8277	206067	25 Aqr	Aquarius	240.5903(	1.034		
8255		HIP 10697	324.9988	-52.35900	6.202	G8/K0III+A	8269	205877		Indus	630.5624(	0.584		
8256	Nashira	HIP 10698	325.0226	-16.66237	3.67	kF0hF1Vn	8278	206088	γ Capricor	Capricorn	138.8414	0.32		
8257		HIP 10699	325.0462	43.27383	5.086	M1IIIab	8284	206330	75 Cyg	Cygnus	404.4650	1.601		
8258		HIP 10703	325.1404(	-55.73797	6.328	K0II/III	8271	205935		Indus	693.6174	1.06		
8259		HIP 10704	325.1804	54.87215	6.15	K0III	8290	206509		Cygnus	702.5856(	1.116		
8260		HIP 10708	325.3689	-77.39000	3.728	K1III	8254	205478	ν Octantis	Octans	69.03867	1.008		
8261		HIP 10709	325.3869	-14.04761	5.18	G2IV	8283	206301	42 Cap	Capricorn	106.0853	0.672	5.13	5.18
8262		HIP 10709	325.3927	40.80521	6.075	A2V	8291	206538	76 Cyg	Cygnus	455.3080	0.068		
8263		HIP 10711	325.4425(	-25.10151	6.498	K1III	8282	206291		PiscisAust	931.4279	1.185		
8264		HIP 10712	325.5029(	-23.26285	5.24	K0III	8285	206356	41 Cap	Capricorn	247.3444	0.991		
8265		HIP 10712	325.5045	35.51019	5.84	C-N5	8297	206570	V460 Cyg	Cygnus	2000.000	2.5	5.57	7
8266	Azelfafage	HIP 10713	325.5235	51.18962	4.66	B3III	8301	206672	π 1 Cygni	Cygnus	1680.413	-0.119		
8267		HIP 10714	325.5348(	45.76569	6.23	M4III:	8298	206632	V1339 Cyg	Cygnus	676.3491	1.415	5.9	7.1
8268		HIP 10714	325.5421	1.2852541	5.641	K2(III)	8287	206445	26 Aqr	Aquarius	1582.525	1.446		
8269		HIP 10715	325.5643	5.6801387	5.301	M2III	8289	206487	7 Peg	Pegasus	521.6001	1.653		
8270		HIP 10716	325.5956(	41.07702(	5.726	A0V+A0V	8300	206644	77 Cyg	Cygnus	372.1454	0.055		
8271		HIP 10717	325.6373	10.82431	6.051	B5IV	8292	206540		Pegasus	696.5807	-0.115		
8272		HIP 10718	325.6617(	49.60024	6.089	G8II-III	8304	206731		Cygnus	869.3347	0.993		
8273		HIP 10718	325.6646	-18.86632	4.726	G8III	8288	206453	κ Capricor	Capricorn	290.5528	0.868		
8274		HIP 10719	325.6890	59.27084	6.088	K1III	8312	206842		Cepheus	2432.837	1.349		
8275		HIP 10723	325.7668	72.32008	5.173	K0-IIICN1	8324	207130	78 Dra	Cepheus	247.1569	1.063		
8276		HIP 10723	325.7683	-14.39971	5.879	A9/F0V	8295	206561	44 Cap	Capricorn	409.0356(	0.255		
8277		HIP 10723	325.7769(	41.15497	5.505	M2IIIbCa1	8306	206749		Cygnus	587.3870(	1.615		
8278		HIP 10723	325.8063	-19.62096	6.209	A0mA5-F(	8293	206546		Capricorn	359.8226	0.269		
8279		HIP 10725	325.8568	38.28359	5.695	A0V	8307	206774	79 Cyg	Cygnus	272.3476(	-0.01		
8280	Garnet St	HIP 10725	325.8769	58.78004(	4.08	M2-Ia	8316	206936	μ Cephei	Cepheus	3065.871(	2.242	3.43	5.1

8281		HIP 10727	325.9157(	7.528657(	6.47	K0		206689	10 G. Peg	Pegasus	426.14408	1.114		
8282		HIP 10729	325.9921:	22.81531	6.42	K2		206793		Pegasus	585.27778	1.295		
8283		HIP 10729	325.9959(	-57.32524	6.482	F6/8IV/V		206429		Indus	141.4315(	0.484		
8284		HIP 10730	326.0040:	-14.74937	5.949	A7IV/V	8302	206677	45 Cap	Capricorn	170.8595	0.219		
8285		HIP 10731	326.0352	28.74290:	6.12	F3V	8310	206827	* mu.02 C	Cygnus	73.02858	0.512		
8286		HIP 10731	326.0357	28.74262	4.7	F7V	8309	206826	* mu.01 C	Cygnus	73.02858	0.512		
8287	Enif	HIP 10731	326.0464	9.875008(	2.39	K2Ib-II	8308	206778	ϵ Pegasi	Pegasus	672.1665	1.52	0.7	3.5
8288		HIP 10734	326.1228(	-38.55252	6.283	K1IIICNIV/	8299	206642		Grus	781.7743(	1.129		
8289		HIP 10734	326.1278	17.35001	4.35	G5Ib	8313	206859	9 Peg	Pegasus	900.5525(	1.161		
8290		HIP 10735	326.1613	25.64503	4.135	F5V	8315	206901	κ Pegasi	Pegasus	115.0317	0.425		
8291		HIP 10737	326.2219	62.46056	5.94	O8.5II	8327	207198		Cepheus	2012.346	0.312		
8292		HIP 10738	326.2367(	-33.02578	4.34	A0IV	8305	206742	ι Piscis Au	PiscisAust	204.6452(	-0.053		
8293		HIP 10738	326.2510(	-9.082427	5.079	G7.5II-IIIC	8311	206834	46 Cap	Capricorn	799.0197(	1.108		
8294		HIP 10739	326.3016(	52.26757	6.369	K3IIBa0.5		207119		Cygnus	2716.666	1.901		
8295		HIP 10740	326.3280(	-49.49875	6.462	K1III	8303	206690		Indus	416.8791	1.148		
8296		HIP 10741	326.3621	61.12080	4.29	A2Iae	8334	207260	ν Cephei	Cepheus	5093.751	0.474	4.25	4.35
8297		HIP 10742	326.3701:	-71.00884	6.011	B8IV	8286	206399		Indus	740.9102	-0.099		
8298		HIP 10744	326.4354(	35.85730	6.43	K0III	8320	207088		Cygnus	499.2333	0.997		
8299		HIP 10747	326.5181	22.94887	5.266	K0IbHdel(	8321	207089	12 Peg	Pegasus	1128.028	1.381		
8300		HIP 10748	326.5677	-9.275935	6	M2III	8318	207005	47 Cap	Capricorn	1234.849	1.629	5.9	6.14
8301		HIP 10751	326.6337	-11.36595	5.567	A0V	8319	207052	λ Capricor	Capricorn	293.6938	-0.002		
8302		HIP 10753	326.6983	49.30957(	4.18	B2.5III	8335	207330	π 2 Cygni	Cygnus	1156.029(	-0.12		
8303		HIP 10755	326.7535	70.15088	6.45	A0V	8342	207636		Cepheus	492.4459	-0.007		
8304	Deneb Alg	HIP 10755	326.7601	-16.12728	2.83	kA5hF0mI	8322	207098	δ Capricoı	Capricorn	38.543315	0.18	2.81	3.05
8305		HIP 10755	326.7698	17.19404(	6.174	F3V	8330	207223	V372 Peg	Pegasus	163.8192	0.35	6.53	6.6
8306		HIP 10757	326.8081	2.686122	5.624	A0V	8328	207203	11 Peg	Pegasus	467.0473	0.012		
8307		HIP 10758	326.8553	60.69268	5.514	M1III	8339	207528	12 Cep	Cepheus	467.0473	1.575		
8308		HIP 10759	326.9093	-5.916807	6.168	A5V	8332	207235	89 G. Aqr	Aquarius	255.8869	0.23		
8309		HIP 10760	326.9339	-30.89830	5.017	A1V	8326	207155	θ Piscis Au	PiscisAust	338.5250	0.042		
8310		HIP 10763	327.0349	36.58038	6.26	K5	8336	207446		Cygnus	701.0762	1.545		

8311		HIP 10764	327.06562	-47.30361	5.58	G2V	8323	207129		Grus	50.97728	0.601		
8312		HIP 10766	327.12231	38.64858	6.091	B8V	8338	207516		Cygnus	493.1925	-0.072		
8313		HIP 10771	327.28364	66.79203	6.48	F3IV		207826		Cepheus	314.3684	0.391		
8314		HIP 10772	327.32921	61.27276	6.17	M1IIIa	8347	207780		Cepheus	871.6591	1.685		
8315		HIP 10773	327.36194	20.46244	6.267	B2V	8341	207563		Pegasus	1841.809	-0.097		
8316		HIP 10774	327.41705	41.14878	6.48	A2Ib	8345	207673		Cygnus	8578.953	0.381		
8317		HIP 10775	327.42089	-12.72288	6.298	A1/2III	8337	207503		Capricorn	506.2129	0.223		
8318		HIP 10776	327.46122	30.17421	5.069	A1Vs	8343	207650	14 Peg	Pegasus	302.4120	0.01		
8319		HIP 10777	327.50051	-64.71253	5.62	K0III	8331	207229		Indus	333.6741	1.02		
8320		HIP 10778	327.53607	17.28569	5.336	F2III-IV	8344	207652	13 Peg	Pegasus	108.9935	0.394	5.17	5.53
8321		HIP 10779	327.55408	-16.84491	6.38	K3III	8340	207552		Capricorn	739.2280	1.42		
8322		HIP 10783	327.69656	-69.62937	5.505	K2/3III	8333	207241	ο Indi	Indus	558.2197	1.378		
8323		HIP 10784	327.72729	-82.71890	5.46	~	8280	206240A	* Iam Oct	Octans	435.2460	0.756		
8324		HIP 10784	327.72734	-82.71890	5.29	G8/K0III	8280	206240	λ Octantis	Octans	435.2460	0.756		
8325		HIP 10785	327.77075	39.53665	6.193	B9pHgMn	8349	207857	V1619 Cyg	Cygnus	1072.367	-0.068	6.17	6.18
8326		HIP 10788	327.89270	19.82668	5.768	B8III	8348	207840		Pegasus	584.2280	-0.1		
8327		HIP 10789	327.90518	65.75271	6.38	A1m	8361	208132		Cepheus	259.7611	0.281		
8328		HIP 10790	327.92394	-18.62293	6.16	F0V	8346	207760		Capricorn	209.7813	0.374		
8329		HIP 10792	328.00189	55.79197	6.419	A0IIpSi		208063		Cepheus	1952.095	0.007		
8330		HIP 10793	328.00433	55.79674	5.657	B6IV-V	8357	208095		Cepheus	642.9993	-0.081		
8331		HIP 10795	328.05418	79.55177	6.48	K5		208742		Cepheus	1216.417	1.581		
8332		HIP 10795	328.07576	21.27316	6.33	M4III	8350	207932	HO Peg	Pegasus	1273.437	1.601		
8333		HIP 10797	328.12465	28.79354	5.53	F2V	8354	207978	15 Peg	Pegasus	90.17977	0.426		
8334		HIP 10802	328.26570	25.92513	5.081	B6IIIe	8356	208057	16 Peg	Pegasus	511.7745	-0.155		
8335		HIP 10803	328.32404	-13.55176	5.08	F2V	8351	207958	μ Capricoı	Capricorn	90.17977	0.378		
8336		HIP 10806	328.40578	19.66846	5.676	A0Vs	8358	208108		Pegasus	229.9014	0.011		
8337			328.448	62.589	6.1	Open Cluster			NGC 7160	Cepheus				
8338	Aldhanab	HIP 10808	328.48215	-37.36487	3.01	B8IV-Vs	8353	207971	γ Gruis	Grus	202.8626	-0.084		
8339		HIP 10809	328.49065	6.864804	6.143	G0IIIs	8359	208110	13 G. Peg	Pegasus	413.1823	0.786		
8340		HIP 10810	328.54321	-4.276175	5.704	A2IV	8360	208111	94 G. Aqr	Aquarius	290.5528	1.185		

8341	HIP 10811	328.5725	19.71812	6.341	G8III	8364	208202		Pegasus	364.2464	0.938		
8342	HIP 10814	328.6496	-3.30127	6.23	F6/7V	8363	208177		Aquarius	227.1777	0.466		
8343	HIP 10816	328.7214	56.61122	5.8	B7Iab	8371	208501	13 Cep	Cepheus	2527.133	0.655		
8344	HIP 10819	328.7974	-61.8866	5.96	F0(V)+F5(	8352	207964		Indus	151.6986	0.393		
8345	HIP 10820	328.8358	61.54181	6.125	G8Ib	8374	208606		Cepheus	9055.566	1.599		
8346		328.8791	65.32081	6.01	~	8375	208682A		Cepheus	1202.953	-0.037		
8347	HIP 10822	328.8791	65.32080	5.86	B2Ve	8375	208682		Cepheus	1202.953	-0.037		
8348	HIP 10825	328.9818	-30.6059	6.414	G8III	8365	208285		PiscisAust	411.6175	0.927		
8349	HIP 10826	329.0143	-52.4637	6.49	G6III		208184		Indus	623.3285	0.925		
8350	HIP 10828	329.0585	-57.8995	6.168	A3mA6-A	8362	208149	π Indi	Indus	543.3346	0.215		
8351	HIP 10829	329.0948	-37.2536	5.443	A3V	8366	208321		Grus	314.9760	0.084		
8352	HIP 10829	329.0999	21.23985	6.37	K5V	8372	208527		Pegasus	1148.429	1.698		
8353	HIP 10831	329.1630	63.62555	4.9	M2Ibep+E	8383	208816	VV Cep	Cepheus	4900.001	1.547	4.8	5.36
8354	HIP 10833	329.2348	12.07649	5.533	A2Vnn	8373	208565	17 Peg	Pegasus	439.9469	0.054		
8355	HIP 10834	329.2589	-37.7468	6.168	F2/3V	8367	208435	BZ Gru	Grus	439.9469	0.321	6.13	6.21
8356	HIP 10836	329.2962	66.15615	6.394	B2V	8384	208947		Cepheus	1613.863	-0.056		
8357	HIP 10842	329.4627	74.99671	6.34	K5	8395	209258		Cepheus	1112.628	1.56		
8358	HIP 10843	329.4794	-54.9925	4.4	F0IV	8368	208450	δ Indi	Indus	184.7025	0.297		
8359	HIP 10845	329.5554	-5.42492	6.331	F2V	8376	208703	96 G. Aqr	Aquarius	181.3127	0.378		
8360	HIP 10847	329.6253	-59.0121	6.141	F5V	8369	208496	κ 1 Indi	Indus	216.7555	0.469	6.11	6.36
8361	HIP 10849	329.6824	-21.1829	6.11	M2III	8378	208735	BW Cap	Capricorn	2834.782	1.621		
8362	HIP 10850	329.7230	62.69798	5.979	M3III	8388	209112		Cepheus	1283.465	1.64		
8363	HIP 10850	329.7291	-4.37310	6.22	G8/K0III	8382	208801	98 G. Aqr	Aquarius	117.3929	0.971		
8364	HIP 10854	329.8246	-38.3950	5.495	K1II/III	8379	208737		Grus	393.2441	0.996		
8365	HIP 10861	330.0330	6.71744	6	B3III	8385	209008	18 Peg	Pegasus	1068.853	-0.112		
8366	HIP 10862	330.1010	-55.8834	6.004	B9IV/V	8381	208796		Indus	626.9243	-0.061		
8367	HIP 10863	330.1112	33.00592	6.47	F5III	8391	209149		Pegasus	216.6114	0.463		
8368	HIP 10866	330.2092	-28.4537	5.72	~	8386	209014A	* eta PsA	PiscisAust	1012.422	-0.095		
8369	HIP 10869	330.2708	0.60471	5.597	K2III	8390	209128	28 Aqr	Aquarius	661.2586	1.279		
8370	HIP 10869	330.2722	13.11983	5.599	F4III	8392	209166	20 Peg	Pegasus	227.9722	0.336		

8371		HIP 10869	330.2884	8.257165	5.633	K5III	8393	209167	19 Peg	Pegasus	609.3463	1.44		
8372		HIP 10875	330.4607	52.88225	5.776	B5III	8403	209419		Cygnus	1058.440	-0.106		
8373		HIP 10875	330.4692	-77.66254	6.389	A5IV/V	8370	208500		Octans	311.0686	0.231		
8374		HIP 10876	330.5057	10.97380	6.367	B5IIIn	8397	209288		Pegasus	1341.565	-0.104		
8375		HIP 10877	330.5190	58.00036	5.542	O9IV(n)va	8406	209481	14 Cep	Cepheus	4657.139	0.017	5.56	5.66
8376		HIP 10878	330.5493	-17.90347	6.283	K0III	8394	209240	100 G. Aq	Aquarius	276.5054	1.002		
8377		HIP 10884	330.7360	44.64986	5.596	B9.5VpCr	8407	209515	V1942 Cy	Cygnus	529.2220	-0.029		
8378			330.7360	44.64986	5.715	~	8407	209515A		Cygnus	529.2220	-0.029		
8379		HIP 10884	330.7659	-76.11845	5.926	F3/5III	8380	208741		Octans	201.2346	0.399		
8380		HIP 10886	330.8185	-6.522407	5.543	K1IV	8401	209396	30 Aqr	Aquarius	271.2148	0.959		
8381		HIP 10887	330.8285	-2.155364	4.69	B5V	8402	209409	o Aquarii	Aquarius	380.8398	-0.1	4.68	4.89
8382		HIP 10887	330.8293	11.38654	5.822	B9.5V	8404	209459	21 Peg	Pegasus	540.6288	-0.05		
8383		HIP 10887	330.8402	-56.78597	4.69	K5V	8387	209100	ϵ Indi	Indus	11.87000	1.056		
8384		HIP 10891	330.9425	64.62818	6.342	F8V	8417	209791	* ksi Cep	Cepheus	101.6526	0.379		
8385	Kurhah	HIP 10891	330.9476	64.62797	4.45	kA2.5hF2	8417	209790	* ksi Cep A	Cepheus	101.6526	0.379		
8386	Kurhah	HIP 10891	330.9477	64.62797	4.29	Am+F7/8\	8417	209790	ξ Cephei	Cepheus	101.6526	0.379		
8387		HIP 10892	330.9707	63.11992	5.3	M5III	8416	209772	18 Cep	Cepheus	448.4196	1.557	5.13	5.33
8388		HIP 10895	331.0993	-29.91653	6.46	K5III	8405	209476	13 PsA	PiscisAust	1298.804	1.603		
8389		HIP 10896	331.1438	32.94174	6.37	G5Ib-II	8412	209693		Pegasus	961.6514	1.121		
8390		HIP 10897	331.1531	-26.82235	5.953	B4IVe	8408	209522	UU PsA	PiscisAust	1128.028	-0.167		
8391		HIP 10899	331.1975	-0.906344	5.271	A5IV	8410	209625	32 Aqr	Aquarius	231.2057	0.231		
8392		HIP 10900	331.2520	62.78567	5.265	K4III	8426	209960	20 Cep	Cepheus	318.0489	1.413		
8393		HIP 10900	331.2644	14.81593	6.42	M0		209709		Pegasus	509.3751	1.523		
8394		HIP 10901	331.2866	62.27981	5.11	O9Ib	8428	209975	19 Cep	Cepheus	5433.346	0.24		
8395		HIP 10902	331.2972	26.67369	5.744	K3III	8415	209761		Pegasus	396.5954	1.249		
8396		HIP 10903	331.3187	46.74483	6.13	M4III	8421	209857		Lacerta	961.6514	1.611	6.08	6.36
8397		HIP 10905	331.3944	28.96397	5.7	B9Vn	8419	209833	23 Peg	Pegasus	304.3885	-0.048		
8398		HIP 10906	331.4197	5.058530	4.84	K4III	8413	209747	ν Pegasi	Pegasus	263.3278	1.443		
8399	Sadalmeli	HIP 10907	331.4459	-0.319850	2.94	G2Ib	8414	209750	α Aquarii	Aquarius	758.1393	0.969		
8400		HIP 10907	331.4602	45.11250	6.494	A0V	8422	209932		Lacerta	698.0738	-0.025		

8401		HIP 10908	331.4625(	-59.63607	5.607	K4III	8409	209529	κ 2 Indi	Indus	514.1967	1.468		
8402		HIP 10908	331.4634	48.23149	6.254	B2V	8427	209961		Lacerta	1963.857	-0.088	6.27	6.35
8403		HIP 10910	331.5081	45.01434	5.07	K5III	8424	209945		Lacerta	618.5949	1.568		
8404		HIP 10911	331.5286	-39.54335	4.458	K3III	8411	209688	λ Gruis	Grus	246.9698	1.349		
8405		HIP 10912	331.5511(	45.24868	6.181	A3V	8429	209993		Lacerta	323.0921	0.078		
8406		HIP 10912	331.5565	56.34339	6.382	A0VpSiSr	8434	210071	V444 Cep	Cepheus	575.9704	-0.091		
8407		HIP 10913	331.6092	-13.86968	4.27	B8V	8418	209819	ι Aquarii	Aquarius	172.4869	-0.075		
8408		HIP 10917	331.7527	25.34509	3.77	F5V	8430	210027	ι Pegasi	Pegasus	38.32587(	0.435		
8409		HIP 10919	331.7901	58.84071	6.341	G6III	8442	210220		Cepheus	560.1366	0.877		
8410		HIP 10920	331.8566(	53.30743	6.171	A3Ib	8443	210221	V399 Lac	Lacerta	7643.695	0.389		
8411		HIP 10920	331.8691	19.47552	5.74	F2V:	8435	210074		Pegasus	198.9017	0.331		
8412		HIP 10921	331.8748(	18.00071	6.35	M1	8436	210090	OY Peg	Pegasus	944.9276	1.605		
8413		HIP 10924	331.9595	21.70292(	5.78	B7Vne	8438	210129	25 Peg	Pegasus	698.0738	-0.077		
8414	Alnair	HIP 10926	332.0582(	-46.96097	1.71	B6V	8425	209952	α Gruis	Grus	101.3681(	-0.07		
8415		HIP 10927	332.0678	49.79699(	6.4	K5III	8445	210289		Lacerta	1112.628(	1.579		
8416		HIP 10927	332.0718	25.54352(	6.072	F1IV	8441	210210		Pegasus	281.0345	0.311		
8417		HIP 10928	332.0958	-32.98846	4.5	A1.5IVn	8431	210049	μ Piscis Au	PiscisAust	130.3478	0.054		
8418		HIP 10928	332.1080	-34.04384	4.99	K4III	8433	210066	υ Piscis Au	PiscisAust	527.5073(	1.499		
8419		HIP 10930	332.1700	45.74225	6.11	K0IVe+G5	8448	210334	AR Lac	Lacerta	137.0325	0.763	6.08	6.77
8420		HIP 10930	332.1776	-33.12569	6.386	A9VkA2m	8437	210111		PiscisAust	256.6931	0.205		
8421		HIP 10933	332.2457	-18.51959	5.793	B2III	8439	210191	35 Aqr	Aquarius	6791.658	-0.154		
8422			332.2458	-18.5197	5.84	~			[SGR85] 3	Aquarius				
8423		HIP 10935	332.3067	33.17235	5.582	G6III:	8449	210354	π 1 Pegas	Pegasus	283.2321	0.985		
8424		HIP 10937	332.3706(	-23.65911	6.36	G8III		210244	113 G. Aq	Aquarius	514.1967	0.921		
8425		HIP 10940	332.4517	72.34120	4.786	G7II-III	8468	210807	24 Cep	Cepheus	377.3157	0.919		
8426		HIP 10940	332.4820	-34.01496	5.371	A5IV	8444	210271		PiscisAust	212.3779	0.241		
8427		HIP 10940	332.4911(	-48.10766	6.424	K3III	8440	210204		Grus	686.3150(	1.38		
8428		HIP 10941	332.4968	33.17822	4.29	F5II-III_sh	8454	210459	π 2 Pegas	Pegasus	251.5433	0.471		
8429		HIP 10941	332.5006	-28.29243	6.436	A5V	8446	210300		PiscisAust	352.8136	0.147		
8430		HIP 10942	332.5365	-32.54840	4.92	F6V	8447	210302	τ Piscis Au	PiscisAust	61.09437	0.489		

8431	Biham	HIP 10942	332.5499	6.197921	3.55	A1Va	8450	210418	θ Pegasi	Pegasus	96.535473	0.086
8432		HIP 10943	332.5637	72.11126	6.346	A0VpHgSr	8473	210873	80 Dra	Cepheus	510.9725	-0.053
8433		HIP 10943	332.5792	19.61633	6.179	G1V	8455	210460		Pegasus	181.0105	0.688
8434		HIP 10944	332.5879	-3.894088	6.282	A0V	8451	210419	115 G. Aq	Aquarius	362.2219	-0.006
8435		HIP 10944	332.5918	14.62985	6.359	K0III	8456	210461		Pegasus	423.9272	1.08
8436		HIP 10945	332.6257	20.97798	6.438	A3III	8459	210516	28 Peg	Pegasus	662.6017	0.099
8437		HIP 10946	332.6406	-4.266855	5.98	G8/K0III	8453	210434		Aquarius	281.7631	0.981
8438		HIP 10947	332.6559	11.62453	5.774	M1III	8458	210502		Pegasus	624.5216	1.617
8439		HIP 10947	332.6561	-11.56493	5.422	B5III	8452	210424	38 Aqr	Aquarius	561.1016	-0.117
8440		HIP 10947	332.6616	70.13257	5.52	F2V	8474	210884		Cepheus	106.5012	0.391
8441		HIP 10949	332.7136	58.20126	3.35	K1.5Ib	8465	210745	ζ Cephei	Cepheus	726.0576	1.558
8442		HIP 10949	332.7154	30.55300	6.32	A8IV	8460	210594		Pegasus	417.9484	0.227
8443		HIP 10950	332.7599	-21.23279	6.09	F6/7V	8457	210464	119 G. Aq	Aquarius	184.8071	0.503
8444		HIP 10952	332.7912	50.82341	5.377	A5V	8463	210715		Lacerta	178.7282	0.152
8445		HIP 10955	332.8774	59.41448	5.05	O6.5I(n)fp	8469	210839	λ Cephei	Cepheus	1646.466	0.192
8446		HIP 10957	332.9638	16.04055	5.93	K0III	8461	210702		Pegasus	182.4193	0.95
8447		HIP 10958	332.9791	-76.11602	6.127	K0III	8432	210056		Octans	301.8519	1.001
8448		HIP 10959	333.0083	60.75909	5.359	K1III	8479	210939		Cepheus	372.9962	1.184
8449		HIP 10960	333.0337	24.95064	5.923	K0	8466	210762		Pegasus	3046.728	1.5
8450		HIP 10962	333.0935	63.29103	5.778	M3III	8483	211029		Cepheus	864.7218	1.645
8451		HIP 10962	333.1073	-14.19396	6.043	F0V	8462	210705	39 Aqr	Aquarius	141.7393	0.386
8452		HIP 10964	333.1827	-4.720678	6.4	F5V	8467	210763	121 G. Aq	Aquarius	305.2436	0.498
8453		HIP 10965	333.1992	34.60459	5.343	K2-IIIb	8475	210889		Pegasus	255.8869	1.134
8454		HIP 10965	333.2198	73.30719	6.082	G8III	8493	211300		Cepheus	881.0805	1.006
8455		HIP 10966	333.2395	-26.32779	6.182	A2Vp	8464	210739		PiscisAust	189.3147	0.169
8456		HIP 10969	333.2917	18.27981	6.488	K2		210890		Pegasus	751.1531	1.374
8457		HIP 10969	333.2938	86.10800	5.258	B9.5Vn	8546	212710		Cepheus	255.6864	-0.03
8458		HIP 10973	333.4112	28.60801	5.867	K2III	8482	211006		Pegasus	249.2355	1.169
8459		HIP 10973	333.4351	-25.18090	5.584	F7II	8470	210848		PiscisAust	220.5684	0.497
8460		HIP 10974	333.4551	45.44061	5.53	A0III	8487	211096		Lacerta	250.7693	0.021

8461		HIP 10974	333.4570	63.16233	6.121	B8Vn	8490	211242		Cepheus	967.3597	-0.089
8462		HIP 10975	333.4696	39.71492	4.49	K2.5III	8485	211073		Lacerta	563.0413	1.385
8463		HIP 10978	333.5751	-21.07456	5.526	K0III	8480	210960A	* 41 Aqr A	Aquarius	281.2771	0.812
8464		HIP 10978	333.5766	17.18934	6.49	K4IV		211076		Pegasus	398.0461	1.288
8465		HIP 10978	333.5781	-27.76690	5.43	B7V	8478	210934	λ Piscis Au	PiscisAust	507.7875	-0.121
8466		HIP 10982	333.6610	-41.38166	6.23	G2V	8477	210918		Grus	72.13991	0.648
8467		HIP 10983	333.6848	42.95389	5.72	A2Vnn	8489	211211		Lacerta	279.3488	0.014
8468			333.788	49.83	6.4	Open Cluster			NGC 7243	Lacerta		
8469		HIP 10990	333.8959	-44.45149	6.089	G8/K0III	8484	211053		Grus	583.1848	0.988
8470		HIP 10990	333.9038	-41.34676	4.798	G8III+G	8486	211088	μ 1 Gruis	Grus	262.0581	0.79
8471		HIP 10993	333.9924	37.74873	4.15	K3-II-III	8498	211388	1 Lac	Lacerta	626.9242	1.447
8472		HIP 10993	333.9992	8.549573	6.192	A1Vn	8491	211287	29 G. Peg	Pegasus	395.1512	0.019
8473		HIP 10997	334.1106	-41.62718	5.117	G8III	8488	211202	μ 2 Gruis	Grus	239.5298	0.93
8474		HIP 10997	334.1106	57.22023	5.882	G8III	8506	211554		Cepheus	727.6778	0.95
8475		HIP 10997	334.1235	27.80402	6.37	G9III	8503	211432		Pegasus	399.0208	0.982
8476		HIP 10998	334.1402	-1.596390	6.143	A3II/III	8495	211356	128 G. Aq	Aquarius	262.0581	0.194
8477		HIP 10999	334.1560	-25.89816	6.14	K1II/III	8492	211291		PiscisAust	567.9443	1.11
8478		HIP 11000	334.2001	-12.83143	5.333	K1III	8496	211361	42 Aqr	Aquarius	483.6798	1.132
8479	Ancha	HIP 11000	334.2084	-7.783288	4.16	G9II	8499	211391	θ Aquarii	Aquarius	191.3144	0.979
8480		HIP 11000	334.2190	-9.040054	5.791	K2III	8500	211392		Aquarius	351.2944	1.158
8481		HIP 11001	334.2493	-23.14024	6.177	K0III	8497	211364	126 G. Aq	Aquarius	519.1095	1.051
8482		HIP 11002	334.2770	-5.387165	5.751	G8/K0III	8504	211434	44 Aqr	Aquarius	341.0058	0.878
8483		HIP 11005	334.3680	49.12695	6.45	K0		211660		Lacerta	898.0716	1.046
8484		HIP 11007	334.4608	-77.51155	5.472	F0IIp	8471	210853	ψ Octantis	Octans	125.3845	0.312
8485		HIP 11009	334.5178	-0.237654	6.379	F3V	8507	211575		Aquarius	135.2137	0.441
8486		HIP 11010	334.5526	62.80439	5.741	K2III	8511	211833	25 Cep	Cepheus	689.2164	1.256
8487		HIP 11010	334.5650	-53.62707	5.39	G0V	8501	211415		Grus	44.37187	0.614
8488	Lang-Exste	HIP 11013	334.6254	-60.25962	2.82	K3III	8502	211416	α Tucanae	Tucana	198.5383	1.39
8489		HIP 11017	334.7341	37.76928	6.179	A9IIIp	8510	211797		Lacerta	214.6149	0.27
8490		HIP 11017	334.7530	-13.30499	5.959	K0III	8508	211676	45 Aqr	Aquarius	353.9644	1.075

8491		HIP 11025	335.0070(	-80.43974	5.177	M5III	8481	210967	ϵ Octantis	Octans	268.3127(	1.276	4.58	5.3
8492		HIP 11027	335.0496[	-7.821101	5.339	B8III	8512	211838	ρ Aquarii	Aquarius	742.5956(	-0.048		
8493		HIP 11029	335.1148[	5.789502(	5.37	B5III	8513	211924	30 Peg	Pegasus	918.3097[	-0.037		
8494		HIP 11031	335.1511[	-57.50978	6.396	K3/4III	8509	211726		Tucana	779.9031[	1.404		
8495		HIP 11031	335.1615[	58.40990[	6.448	G8III		212136		Cepheus	597.0692(	0.99		
8496		HIP 11031	335.1646(	50.98081[	6.37	K2	8519	212071		Lacerta	1646.4668	1.195		
8497		HIP 11034	335.2324[	8.186742(	6.163	F5V	8514	211976	31 G. Peg	Pegasus	103.6566[	0.451		
8498		HIP 11034	335.2502[	26.93516(	6.48	M3III	8517	212047	PT Peg	Pegasus	793.1876[	1.526		
8499		HIP 11035	335.2564[	46.53656[	4.54	B6V	8523	212120	2 Lac	Lacerta	509.3751[	-0.1		
8500		HIP 11037	335.3305[	28.33052[	4.81	B9III	8522	212097	32 Peg	Pegasus	607.0774[	-0.01		
8501		HIP 11038	335.3794[	12.20518[	4.99	B3III	8520	212076	31 Peg	Pegasus	970.2382[	-0.132	4.85	5.05
8502		HIP 11039	335.3982(	-21.59823	5.124	K0III	8516	212010	47 Aqr	Aquarius	183.0431[	1.057		
8503	Sadachbia	HIP 11039	335.4140[	-1.387349	3.834	A0V	8518	212061	γ Aquarii	Aquarius	157.7165(	-0.057		
8504		HIP 1104(	335.4619[	42.07816[	6.369	B5V	8528	212222	V405 Lac	Lacerta	714.9117[	-0.086		
8505		HIP 11048	335.7095(	36.65904[	6.457	K0		212334		Lacerta	436.4130[	1.052		
8506		HIP 11049	335.7507[	57.28461[	6.168	B8III	8535	212454		Cepheus	851.1765[	-0.112		
8507		HIP 11049	335.7521(	62.41935[	6.032	A1V	8537	212495		Cepheus	711.7919[	0.035		
8508		HIP 1105(	335.7832[	-45.92848	5.62	F0V	8524	212132	π 2 Gruis	Grus	132.4127(	0.372		
8509		HIP 11052	335.8785[	-24.76266	5.527	K0IIICNII	8529	212271	49 Aqr	Aquarius	271.6666[	0.979		
8510		HIP 11053	335.8839[	-7.194412	5.907	G8Ib/II(w)	8530	212320	138 G. Aq	Aquarius	459.1548[	0.998		
8511		HIP 11053	335.8900[	52.22904(	4.44	G9IIIbCa1	8538	212496	β Lacertae	Lacerta	169.7032(	1.015		
8512		HIP 11057	336.0286[	-4.837019	5.779	B9.5V	8533	212404	51 Aqr	Aquarius	423.9272[	-0.033		
8513		HIP 1106(	336.1127[	-13.52936	5.752	G7.5III	8534	212430	50 Aqr	Aquarius	542.4283[	0.97		
8514		HIP 1106(	336.1291[	49.47639[	4.58	B9Iab-Ib	8541	212593	4 Lac	Lacerta	2116.885(	0.092		
8515		HIP 11061	336.1536[	-72.25541	5.29	G9VFe-3.1	8515	211998	v Indi	Indus	94.21957[	0.66		
8516		HIP 11064	336.2348(	-57.79745	5.31	G2IV-V	8531	212330		Tucana	66.78959[	0.665		
8517		HIP 11066	336.2941[	-70.43162	5.768	F5III	8527	212211		Indus	165.0633[	0.396		
8518		HIP 11067	336.3192(	1.377398[	4.64	B1III-IVe	8539	212571	π Aquarii	Aquarius	1101.352[	-0.171	4.42	4.87
8519		HIP 11069	336.4195[	18.44431[	6.264	K0	8543	212670		Pegasus	567.9443[	1.201		
8520		HIP 11071	336.4631[	-75.01568	6.119	G0V	8526	212168		Octans	75.13259[	0.599		

8521	HIP 11072	336.5034	70.77090	5.469	K2III	8557	213022		Cepheus	519.9375	1.216		
8522	HIP 11073	336.5228	-48.43854	6	M8(III)e		212539	S Gru	Grus	1823.121		6	15
8523	HIP 11074	336.5446	-23.68244	6.276	A0V	8542	212643	144 G. Aq	Aquarius	494.6888	-0.021		
8524	HIP 11077	336.6427	-16.74158	6.32	G3V				Aquarius	65.46179	0.618		
8525	HIP 11077	336.6429	-16.74219	6.22	G2V	8545	212698		Aquarius	65.46179	0.618		
8526	HIP 11078	336.6557	4.393779	5.81	F7V	8548	212754	34 Peg	Pegasus	128.6503	0.519		
8527	HIP 11078	336.6768	78.78587	5.84	A2Vm	8578	213403	ρ 1 Cephe	Cepheus	204.0050	0.171		
8528		336.6898	37.44369	6.487	B2V	8549	212883A		Lacerta	1928.994	-0.132		
8529	HIP 11081	336.7721	65.13226	5.515	B0.5Ib	8561	213087	26 Cep	Cepheus	2527.133	0.302		
8530	HIP 11083	336.8331	-64.96636	4.49	B9Vn	8540	212581	δ Tucanae	Tucana	266.9944	-0.029		
8531	HIP 11084	336.8604	39.81002	6.16	B2V	8553	212978		Lacerta	1364.017	-0.136		
8532	HIP 11087	336.9427	31.84004	5.986	K2	8555	212988		Pegasus	936.7808	1.442		
8533	HIP 11088	336.9646	4.695667	4.8	K1-III-IV	8551	212943	35 Peg	Pegasus	159.8821	1.039		
8534	HIP 1109(	337.0463	27.01880	6.49	G8III		213025		Pegasus	482.2487	0.986		
8535	HIP 11091	337.0812	64.08515	6.285	K0	8568	213242		Cepheus	376.8789	1.113		
8536	HIP 11093	337.1569	-67.48906	5.564	A3/5V	8547	212728		Indus	141.9860	0.208		
8537	HIP 11093	337.1633	-39.13179	5.473	G8III	8552	212953	v Gruis	Grus	262.4799	0.959		
8538	HIP 11096	337.2078	-0.020544	4.49	F2.5IV-V	8558	213051	* zet01 Ac	Aquarius				
8539	HIP 11096	337.2078	-0.019964	4.34	F2V+	8559	213052	* zet02 Ac	Aquarius	103.3935	0.406		
8540	HIP 11096	337.2079	-0.019942	3.65	F2V++F2.5	8558	213051	ζ 1 Aquari	Aquarius	103.3935	0.406		
8541	HIP 11098	337.2832	9.129035	5.574	K5III	8562	213119	36 Peg	Pegasus	579.0414	1.578		
8542	HIP 11098	337.2885	58.40409	6.3	B7IV		213307	δ Cep C	Cepheus	950.4370	-0.033		
8543	HIP 11099	337.2926	26.76319	5.778	K2II	8564	213179		Pegasus	1097.642	1.252		
8544	HIP 11099	337.2927	58.41519	3.75	F5Iab:+B7	8571	213306	δ Cephei	Cepheus	981.9286	0.778	3.48	4.37
8545	HIP 11099	337.3173	-43.49556	3.97	G6/8III	8556	213009	δ 1 Gruis	Grus	295.5575	1.022		
8546	HIP 11102	337.3826	47.70690	4.37	K9Ia+B2V	8572	213310	5 Lac	Lacerta	1164.286	1.679		
8547	HIP 11104	337.4393	-43.74921	4.11	M4.5IIIa	8560	213080	δ 2 Gruis	Grus	324.7013	1.57	3.99	4.2
8548	HIP 11104	337.4418	-27.10726	5.95	F0V	8563	213135		PiscisAust	137.2052	0.362		
8549	HIP 11105	337.4707	78.82428	5.46	A3V	8591	213798	ρ 2 Cephe	Cepheus	237.0910	0.093		
8550	HIP 11106	337.4913	4.431693	5.7	F8(V)	8566	213235A	* 37 Peg A	Pegasus	172.2134	0.385		

8551		HIP 11106	337.50618	-12.91511	6.4	F2/3IV/V	8565	213198	152 G. Aq	Aquarius	264.39586	0.356		
8552		HIP 11106	337.50756	32.572638	5.65	B9.5V	8574	213323	38 Peg	Pegasus	406.99157	-0.031		
8553		HIP 11107	337.52709	49.356412	6.42	K2III	8575	213389	V350 Lac	Lacerta	398.53187	1.166	6.27	6.47
8554		HIP 11108	337.57229	-14.58573	6.347	B8II	8567	213236	56 Aqr	Aquarius	633.01072	-0.047		
8555		HIP 11110	337.62191	43.123376	4.511	B2IV	8579	213420	6 Lac	Lacerta	1369.7481	-0.086		
8556		HIP 11112	337.66175	-10.67791	4.81	A0IVs	8573	213320	σ Aquarii	Aquarius	265.25650	-0.053		
8557		HIP 11113	337.72405	-26.07375	6.43	K1III	8570	213296	ζ Piscis Au	PiscisAust	399.02087	1.083		
8558	Stellio	HIP 11116	337.82292	50.282491	3.77	A1V	8585	213558	α Lacertae	Lacerta	102.32262	0.031		
8559		HIP 11117	337.82636	-6.555296	6.16	F8V	8581	213429		Aquarius	83.205654	0.565		
8560		HIP 11117	337.82674	-2.911265	6.139	K0III	8580	213428	155 G. Aq	Aquarius	473.15004	1.083		
8561		HIP 11118	337.87637	-32.34607	4.29	A1Va	8576	213398	β Piscis Au	PiscisAust	148.24920	0.011		
8562		HIP 11119	337.89313	29.542759	6.33	kA6hA8m	8584	213534	GX Peg	Pegasus	407.50013	0.209	6.35	6.37
8563		HIP 11119	337.90631	-85.96725	5.752	K0III	8505	211539	υ Octantis	Octans	329.96102	1.02		
8564		HIP 11120	337.92215	-10.90550	6.381	A9/F0V	8583	213464	58 Aqr	Aquarius	224.98278	0.29		
8565		HIP 11124	338.06760	76.226441	5.7	A2V	8599	214035		Cepheus	735.89310	0.02		
8566		HIP 11124	338.07801	54.037031	6.37	G8III	8589	213720		Lacerta	633.01072	1.043		
8567		HIP 11125	338.10990	39.779731	5.88	A6V	8588	213660		Lacerta	628.13049	0.166		
8568		HIP 11129	338.19545	15.863264	6.33	K0	8587	213644		Pegasus	698.07382	1.19		
8569		HIP 11131	338.25025	-61.98212	4.81	M4III	8582	213442	ν Tucanae	Tucana	272.57521	1.612	4.75	4.93
8570			338.26221	69.913522	6.24	~	8595	213973A		Cepheus	248.66538	0.334		
8571		HIP 11132	338.32017	70.373714	6.32	A0V	8598	214019		Cepheus	399.99887	0.018		
8572		HIP 11136	338.41937	56.624737	5.72	K0III	8594	213930		Lacerta	339.58453	0.966		
8573		HIP 11139	338.51214	-1.574267	5.875	K0III	8590	213789	60 Aqr	Aquarius	443.53619	0.977		
8574		HIP 11144	338.67348	-20.70821	5.203	F7V	8592	213845	υ Aquarii	Aquarius	74.141548	0.446		
8575		HIP 11149	338.83908	-0.117497	4.03	B8/9V	8597	213998	η Aquarii	Aquarius	183.45525	-0.083		
8576		HIP 11150	338.86051	-78.77158	6.139	K1III	8577	213402		Octans	1090.3008	1.368		
8577		HIP 11151	338.90156	-23.99109	5.964	K1III	8596	213986	162 G. Aq	Aquarius	337.47531	0.984		
8578		HIP 11153	338.95333	-17.46042	6.37	K4III		214028	61 Aqr	Aquarius	465.04894	1.42		
8579		HIP 11154	338.96664	56.070574	6.373	A3V	8607	214279		Lacerta	351.29445	0.107		
8580		HIP 11154	338.96707	39.628149	5.67	B1.Vs		214168		Lacerta	252.32212	-0.148		

8581		HIP 11154	338.96784	39.634329	5.69	B1Vne	8603	214167	8 Lac A	Lacerta	639.2145(	-0.16
8582		HIP 11154	338.97054	-57.88375	6.224	A5V	8593	213884		Tucana	220.41943	0.212
8583		HIP 11155	338.97247	50.070788	6.275	B3V	8606	214240		Lacerta	1654.8222	-0.071
8584		HIP 11156	339.03297	35.577501	6.105	K0	8604	214200		Pegasus	417.4138(	0.997
8585		HIP 11159	339.12209	-40.58270	6.276	A3V	8600	214085	σ 1 Gruis	Grus	226.23201	0.119
8586		HIP 11160	339.14766	-31.66379	5.808	K2III	8601	214122		PiscisAust	311.96189	1.074
8587		HIP 11160	339.15137	11.696636	6.419	A1III	8605	214203		Pegasus	375.57494	0.027
8588		HIP 11162	339.20282	35.652419	6.275	K5	8609	214313		Lacerta	699.57016	1.392
8589		HIP 11164	339.24522	-40.59103	5.874	A1V	8602	214150	σ 2 Gruis	Grus	219.38112	0.06
8590		HIP 11164	339.27020	12.576816	6.28	K5	8608	214298		Pegasus	835.89689	1.431
8591		HIP 11166	339.30402	75.371811	5.777	M1III	8625	214710		Cepheus	623.32851	1.594
8592		HIP 11167	339.34340	51.545121	4.63	A9VkA7m	8613	214454	9 Lac	Lacerta	172.03155	0.254
8593	Situla	HIP 11171	339.43908	-4.228054	5.03	K1.5IIIbCN	8610	214376	κ Aquarii	Aquarius	234.19554	1.14
8594		HIP 11175	339.57248	45.182932	6.37	G6III+kA5	8617	214558		Lacerta	522.43474	0.771
8595		HIP 11176	339.59227	-7.897558	6.244	K0III+F2	8612	214448		Aquarius	459.15485	0.783
8596		HIP 11179	339.65801	56.795632	5.167	M4+III	8621	214665	V416 Lac	Lacerta	429.51166	1.537
8597		HIP 11179	339.66271	63.584471	5.188	A0IV	8627	214734	30 Cep	Cepheus	319.60790	0.083
8598		HIP 11180	339.68613	-28.74821	6.457	K1III	8614	214462		PiscisAust	402.96548	1.034
8599		HIP 11180	339.71444	-33.08134	5.66	A0V	8616	214484	VZ PsA	PiscisAust	434.66573	0.037
8600		HIP 11181	339.71914	19.522251	5.82	G8II	8618	214567	40 Peg	Pegasus	381.28646	0.922
8601		HIP 11184	339.81532	39.050269	4.88	O9V	8622	214680	10 Lac	Lacerta	1766.9206	-0.207
8602		HIP 11186	339.89305	37.592817	6.023	G3Ib-II:CN	8626	214714		Lacerta	903.04639	0.854
8603		HIP 11187	339.93410	-28.32565	6.314	K0/1III	8619	214599		PiscisAust	465.71398	1.006
8604		HIP 11188	339.94587	19.681126	6.324	A2V	8624	214698	41 Peg	Pegasus	635.47854	0.035
8605		HIP 11192	340.07669	53.845926	5.92	K0III	8633	214878		Lacerta	343.51935	0.946
8606		HIP 11193	340.09293	-30.65886	5.89	K2/3III	8623	214690		PiscisAust	641.73122	1.297
8607		HIP 11194	340.12857	44.276307	4.46	K2.5III	8632	214868	11 Lac	Lacerta	301.57259	1.318
8608		HIP 11195	340.16395	-27.04361	4.177	B7III	8628	214748	ϵ Piscis Au	PiscisAust	744.29412	-0.105
8609			340.19985	-3.554270	6.46	~	8629	214810A		Aquarius	109.17612	0.52
8610		HIP 11196	340.19988	-3.554308	6.31	G9VFe-0.7	8629	214810		Aquarius	109.17612	0.52

8611		HIP 11196	340.2038	-57.42231	5.967	K3III	8620	214632		Tucana	1225.5648	1.45		
8612		HIP 11197	340.2195	14.549192	6.05	~	8631	214850A		Pegasus	106.9202	0.723		
8613	Homam	HIP 11202	340.3655	10.831363	3.41	B8.5IV	8634	214923	ζ Pegasi	Pegasus	208.4399	-0.086		
8614		HIP 11203	340.3693	40.225447	5.229	B1.5III	8640	214993	12 Lac	Lacerta	1393.1614	-0.137	5.16	5.28
8615		HIP 11203	340.3804	30.965862	6.36	K5	8638	214979		Pegasus	831.6328	1.579		
8616		HIP 11205	340.4391	29.307675	4.79	A1IV	8641	214994	ο Pegasi	Pegasus	304.6728	-0.013		
8617		HIP 11206	340.4893	14.516393	5.921	K0III	8642	214995		Pegasus	266.7759	1.114		
8618		HIP 11209	340.5867	53.908747	6.106	K2	8648	215159		Lacerta	1189.783	1.634		
8619		HIP 11210	340.5920	-29.36104	6.168	M3III	8637	214966	19 PsA	PiscisAust	607.0774	1.522		
8620		HIP 11211	340.6536	-47.21081	6.06	F9.5V	8635	214953		Grus	76.759984	0.584		
8621	Tiaki	HIP 11212	340.6668	-46.88457	2.11	M4.5III	8636	214952	β Gruis	Grus	170.0573	1.61	2	2.3
8622		HIP 11212	340.6795	-44.24802	6.067	K0III	8639	214987		Grus	319.9215	0.956		
8623		HIP 11214	340.7310	37.802733	6.421	B1.5V	8651	215191		Lacerta	1202.953	-0.119		
8624			340.7311	37.80281	6.435	~			[AKS95] 1	Lacerta				
8625	Matar	HIP 11215	340.7505	30.221214	2.95	G8II+F0V	8650	215182	η Pegasi	Pegasus	214.7564	0.852		
8626		HIP 11216	340.7642	-8.311440	6.45	A3IV	8645	215114		Aquarius	617.4246	0.166		
8627		HIP 11217	340.8094	-6.962937	6.405	B7.5V	8647	215143	67 Aqr	Aquarius	367.5325	-0.039		
8628		HIP 11220	340.8749	-41.41434	4.835	K0III	8644	215104	ρ Gruis	Grus	221.6181	1.027		
8629		HIP 11221	340.8968	-18.83037	4.69	K3III	8649	215167	66 Aqr	Aquarius	484.3970	1.358		
8630		HIP 11224	341.0217	39.465347	5.99	K5III	8654	215359		Lacerta	646.8266	1.49		
8631		HIP 11224	341.0228	41.819234	5.08	G8III	8656	215373	13 Lac	Lacerta	274.1801	0.96		
8632		HIP 11225	341.0686	-60.49961	6.298	G5/K0III+A	8646	215121		Tucana	441.7334	0.568		
8633		HIP 11230	341.2046	52.517209	6.41	K2	8661	215518		Lacerta	953.2178	1.541		
8634		HIP 11230	341.2207	39.201025	6.441	K5		215473		Lacerta	695.0974	1.498		
8635		HIP 11235	341.3673	19.366556	6.269	G6III:	8660	215510	45 Peg	Pegasus	350.9162	1.057		
8636		HIP 11237	341.4078	-53.50011	4.846	K2IIICNIV	8655	215369	η Gruis	Grus	394.1960	1.18		
8637		HIP 11238	341.4199	-46.54732	5.51	K2III	8657	215405		Grus	663.9513	1.302		
8638		HIP 11240	341.5146	-81.38161	4.128	A9IV/V	8630	214846	β Octantis	Octans	140.3358	0.208		
8639		HIP 11241	341.5425	44.546054	5.84	F0III-IV	8666	215664		Lacerta	173.4966	0.358		
8640		HIP 11243	341.6178	-49.68578	6.48	K1III	8659	215504		Grus	759.9062	1.162		

8641		HIP 11244	341.63282	23.56565	3.93	G8IIIaCN0	8667	215665	λ Pegasi	Pegasus	394.6720	1.07		
8642		HIP 11244	341.67324	12.17288	4.2	F6V	8665	215648	ξ Pegasi	Pegasus	52.973705	0.502		
8643		HIP 11250	341.82984	-34.16172	6.296	K1III	8668	215669		PiscisAust	320.2357	1.145		
8644		HIP 11250	341.84682	58.48302	6.36	B9.5IV	8677	215907		Cepheus	956.0116	0.017		
8645		HIP 11251	341.87112	83.15382	4.78	K3III	8702	216446		Cepheus	324.0558	1.257		
8646		HIP 11252	341.88801	-19.61337	5.26	G8III	8670	215721	68 Aqr	Aquarius	265.9055	0.941		
8647		HIP 11253	341.89859	-65.56025	6.49	K1III		215562		Tucana	633.0107	1.208		
8648		HIP 11254	341.92820	-14.05642	5.681	B9V	8673	215766	τ 1 Aquari	Aquarius	259.7611	-0.016		
8649		HIP 11256	341.98417	-25.91203	6.309	G8III	8674	215782		PiscisAust	516.6417	0.913		
8650		HIP 11259	342.04597	37.41669	5.809	G8III:	8678	215943		Lacerta	363.8389	1.024		
8651		HIP 11260	342.08910	-61.68436	6.365	K0III	8669	215682		Tucana	393.2441	1.059		
8652		HIP 11261	342.12587	-10.55547	6.18	F0V	8676	215874	70 Aqr	Aquarius	377.3157	0.274	6.16	6.19
8653		HIP 11262	342.13874	-51.31686	3.466	A2IVn	8675	215789	ϵ Gruis	Grus	129.5707	0.083		
8654		HIP 11263	342.1844	62.93841	6.063	K0	8683	216102		Cepheus	639.2145	1.194		
8655		HIP 11264	342.19956	54.41489	6.124	B7V	8682	216057		Lacerta	601.4767	-0.083		
8656		HIP 11265	342.23032	-63.71840	6.5	B9.5V		215769		Tucana	1048.230	-0.047		
8657		HIP 11269	342.32279	-70.34798	6.333	A2V	8672	215729		Indus	326.6521	0.071		
8658		HIP 11271	342.39792	-13.59262	3.98	M0III	8679	216032	τ 2 Aquari	Aquarius	379.9531	1.57		
8659		HIP 11272	342.42007	66.20040	3.54	K0-III	8694	216228	ι Cephei	Cepheus	115.3166	1.053		
8660		HIP 11273	342.44297	55.90277	5.439	K1III	8688	216174		Lacerta	371.2978	1.167		
8661		HIP 11274	342.49676	-32.80546	6.332	F0V	8680	216042		PiscisAust	228.1316	0.317		
8662	Sadalbari	HIP 11274	342.50080	24.60158	3.48	G8+III	8684	216131	μ Pegasi	Pegasus	116.6369	0.933		
8663		HIP 11276	342.54205	50.67691	6.23	G5Ib-II	8692	216206		Lacerta	1638.192	1.129		
8664		HIP 11277	342.59074	41.95339	5.91	B4III	8690	216200	14 Lac	Lacerta	1086.665	0.062	5.91	5.98
8665		HIP 11278	342.59505	-80.12384	5.311	B6V	8663	215573	ξ Octantis	Octans	443.5362	-0.126		
8666		HIP 11280	342.66303	19.14120	6.49	K0	8691	216201		Pegasus	519.9375	1.104		
8667		HIP 11283	342.75895	-39.15683	5.4	K3III	8685	216149		Grus	1105.084	1.444		
8668		HIP 11283	342.76276	85.37373	5.891	K5	8736	217157		Cepheus	456.5827	1.34		
8669		HIP 11286	342.83724	-29.53630	5.987	G8/K0III	8693	216210	21 PsA	PiscisAust	370.4534	0.907		
8670			342.84428	61.69674	5.931	G8III-IV	8696	216380A		Cepheus	227.3361	0.775		

8671		HIP 11289	342.9373	-59.88138	6.454	K1IIICNII	8686	216169		Tucana	357.0646	1.132		
8672		HIP 11291	343.0084	43.31241	4.938	M1III	8699	216397	15 Lac	Lacerta	326.3261	1.559		
8673		HIP 11292	343.0417	-63.18866	6.21	K0III	8689	216187		Tucana	400.9834	1.025		
8674		HIP 11294	343.1300	-32.87575	5.023	F5V	8695	216336	* gam PsA	PiscisAust	222.2222	-0.037		
8675		HIP 11294	343.1313	-32.87546	4.51	A0VpSrCrI	8695	216336	γ Piscis Au	PiscisAust	222.2222	-0.037		
8676		HIP 11296	343.1536	-7.579596	3.79	M2.5IIIFe-	8698	216386	λ Aquarii	Aquarius	391.3566	1.626	3.57	3.8
8677		HIP 11298	343.2177	50.41228	6.463	B8V	8705	216523		Lacerta	791.2609	-0.047		
8678		HIP 11299	343.2594	16.84119	5.89	K2III	8703	216489	IM Peg	Pegasus	315.5857	1.132	5.6	5.85
8679		HIP 11299	343.2657	60.10103	5.984	K2V:	8707	216595		Cepheus	1298.804	1.748		
8680		HIP 11300	343.2974	40.16736	6.32	B7III	8706	216538	V377 Lac	Lacerta	1268.482	-0.074	6.25	6.27
8681		HIP 11303	343.3696	-11.61651	5.78	B8IV/V	8704	216494	74 Aqr	Aquarius	657.2586	-0.082	5.8	5.81
8682		HIP 11304	343.4080	-48.59828	6.04	G0V	8700	216435	τ 1 Gruis	Grus	108.5774	0.62		
8683			343.4173	44.74916	5.94	A3Vm	8708	216608A		Lacerta	169.6149	0.282		
8684		HIP 11308	343.5235	-19.17514	6.38	K5III		216553	189 G. Aq	Aquarius	480.8273	1.515		
8685		HIP 11308	343.5290	40.37687	5.805	K0III	8712	216646		Lacerta	338.5250	1.136		
8686		HIP 11311	343.6040	84.34617	4.684	K4III	8748	217382		Cepheus	390.4177	1.418		
8687		HIP 11312	343.6421	-7.204624	6.181	K2III	8710	216637	78 Aqr	Aquarius	609.3463	1.284		
8688		HIP 11313	343.6484	16.94183	6.36	S4+/1+	8714	216672		Pegasus	967.3597	1.729	6.12	6.49
8689	Skat	HIP 11313	343.6625	-15.82081	3.28	A3Vp	8709	216627	δ Aquarii	Aquarius	159.4913	0.066		
8690		HIP 11313	343.6645	-70.07370	6.05	G1VFe+0.	8701	216437	ρ Indi	Indus	86.49670	0.66		
8691		HIP 11314	343.6894	-16.27195	5.56	K2.5III	8711	216640	77 Aqr	Aquarius	140.0946	1.111		
8692		HIP 11316	343.7478	1.064902	6.11	A3IV	8715	216701	1 Psc	Pisces	307.2573	0.192		
8693		HIP 11317	343.7610	37.07682	5.901	F4V	8718	216756		Lacerta	134.4884	0.397		
8694			343.7956	-4.987897	5.92	~	8716	216718A		Aquarius	292.9022	0.881		
8695		HIP 11318	343.7956	-4.987902	5.757	K1III	8716	216718		Aquarius	292.9022	0.881		
8696		HIP 11318	343.8069	8.816181	4.9	A1V	8717	216735	ρ Pegasi	Pegasus	282.2512	-0.003		
8697		HIP 11318	343.8121	-36.38857	6.407	K2III	8713	216666		Grus	722.8367	1.313		
8698		HIP 11320	343.8774	-20.13942	6.35	K4/5III		216727	196 G. Aq	Aquarius	695.0974	1.429		
8699		HIP 11322	343.9354	36.35139	5.725	B7III	8723	216831		Lacerta	835.8968	-0.051		
8700		HIP 11323	343.9647	-31.63323	6.067	K3III	8719	216761		PiscisAust	947.6758	1.358		

8701		HIP 11324	343.98708	-32.53962	4.208	G8III	8720	216763	δ Piscis Au	PiscisAust	170.3239	0.952		
8702		HIP 11328	344.09845	41.60387	5.587	B2IVs	8725	216916	16 Lac	Lacerta	1202.953	-0.149	5.41	5.52
8703		HIP 11328	344.1002	-31.56556	6.48	K4Ve	8721	216803	TW PsA	PiscisAust	24.89691	1.094	6.44	6.51
8704	Tengshe	HIP 11328	344.1083	49.73354	4.94	K5Ib	8726	216946	V424 Lac	Lacerta	1873.565	1.778		
8705		HIP 11330	344.1991	-47.96922	5.714	A4mA5-F2	8722	216823	τ 3 Gruis	Grus	272.1204	0.226		
8706		HIP 11332	344.2687	48.68406	5.43	B4IIIpe	8731	217050	EW Lac	Lacerta	1097.642	-0.102	5.22	5.48
8707		HIP 11334	344.3216	-4.81009	6.313	K0III	8727	216953	197 G. Aq	Aquarius	412.6574	0.948		
8708	Helvetios	HIP 11335	344.3665	20.76883	5.46	G2IV	8729	217014		Pegasus	50.09762	0.67		
8709		HIP 11336	344.3866	3.810242	6.282	K1III	8730	217019	5 G. Psc	Pisces	460.4523	1.122		
8710	Fomalhau	HIP 11336	344.4126	-29.62223	1.16	A4V	8728	216956	α Piscis Au	PiscisAust	25.08142	0.09		
8711		HIP 11337	344.4197	39.30877	6.18	B2IV-V	8733	217101		Lacerta	1364.017	-0.148		
8712		HIP 11342	344.5647	-2.39538	6.163	G8IV-V	8734	217107		Pisces	64.31805	0.74		
8713		HIP 11343	344.5985	-1.41020	6.374	F2V	8735	217131	7 G. Psc	Pisces	317.1208	0.366		
8714		HIP 11344	344.6458	-35.52322	6.144	F7V	8732	217096		PiscisAust	253.4993	0.582		
8715		HIP 11344	344.6461	9.356854	6.44	G5VFe-0.8	8737	217166	41 G. Peg	Pegasus	100.8663	0.64		
8716		HIP 11346	344.6776	7.340079	6.34	A1V	8738	217186	8 G. Psc	Pisces	313.1605	0.052		
8717		HIP 11349	344.7875	59.81465	6.45	B7III	8745	217348		Cepheus	1156.029	0.012		
8718		HIP 11350	344.7930	52.65453	6.293	K2	8744	217314		Andromed	672.1665	1.414		
8719		HIP 11350	344.7992	11.72884	6.08	A8V	8739	217232	* 52 Peg A	Pegasus	265.9055	0.293		
8720		HIP 11352	344.8643	0.962924	5.426	K0III	8742	217264	2 Psc	Pisces	280.3095	0.982		
8721		HIP 11353	344.8986	-13.0708	6.1	K3/4III	8741	217251	198 G. Aq	Aquarius	655.9350	1.459		
8722		HIP 11353	344.8989	-29.4623	5.503	F0V	8740	217236	WX PsA	PiscisAust	366.2937	0.271		
8723		HIP 11356	345.0212	56.94537	5.13	G4_0	8752	217476	V509 Cas	Cassiopeia	13009.83	1.011	4.75	5.5
8724		HIP 11356	345.0241	-25.1641	5.656	K0IICNIII	8743	217303		PiscisAust	705.6272	1.253		
8725		HIP 11359	345.1026	-25.6268	6.296	K1III	8746	217358		PiscisAust	428.3837	1.124		
8726		HIP 11360	345.1433	45.37480	6.49	A3V	8755	217491		Andromed	1582.525	0.299		
8727		HIP 11361	345.1579	0.185863	6.224	G8/K0III	8750	217428	3 Psc	Pisces	639.2145	0.892		
8728		HIP 11362	345.1787	3.011804	5.848	K2/3III	8751	217459	11 G. Psc	Pisces	546.9792	1.343		
8729		HIP 11363	345.2200	-52.7541	4.115	K1IIIFe-1.2	8747	217364	ζ Gruis	Grus	112.4527	0.96		
8730		HIP 11365	345.2815	-50.9500	5.672	K3III	8749	217403		Grus	480.8273	1.411		

8731		HIP 11366	345.3307	-28.85396	5.542	K3III	8754	217484		PiscisAust	584.2280	1.349		
8732		HIP 11367	345.3460	-22.79089	6.28	A2V	8756	217498	200 G. Aq	Aquarius	326.9813	0.126		
8733		HIP 11367	345.3485	-7.061153	6.215	K4III	8757	217531	81 Aqr	Aquarius	418.4863	1.418		
8734		HIP 11368	345.3779	57.10546	6.207	K1.5II	8761	217673		Cassiopeia	1181.160	1.499		
8735		HIP 11368	345.3821	-4.711459	5.933	G5II/III	8759	217563	202 G. Aq	Aquarius	2650.407	0.992		
8736		HIP 11370	345.4315	3.5309098	6.45	G8III		217590	13 G. Psc	Pisces	570.9272	0.97		
8737		HIP 11372	345.4802	42.32601	3.62	B6IV/V_sh	8762	217675	o Androm	Andromed	692.1438	-0.099	3.55	3.78
8738	Veritate	HIP 11607	345.5215	39.23619	5.22	G8 III	8930	221345		Andromed	249.1509	1.02		
8739		HIP 11375	345.5471	44.57285	6.43	K0		217731		Andromed	359.0304	0.959		
8740		HIP 11378	345.6356	-6.574011	6.2	M1III	8763	217701	82 Aqr	Aquarius	1239.543	1.59		
8741		HIP 11378	345.6515	42.75779	5.18	~	8766	217782	* 2 And A	Andromed	349.4101	0.094		
8742	Errai	HIP 11672	345.6558	77.63236	3.21	K1IV	8974	222404	γ Cephei	Cepheus	44.96551	1.031		
8743		HIP 11380	345.6843	-20.87071	5.976	K0III	8764	217703	205 G. Aq	Aquarius	250.5767	0.946		
8744		HIP 11380	345.6881	44.05874	6.42	B2V	8768	217811	LN And	Andromed	1176.896	-0.02		
8745		HIP 11385	345.8391	58.56386	6.428	G8IV	8778	217944		Cassiopeia	286.2160	0.898		
8746		HIP 11386	345.8742	-34.74941	5.124	F1VFe-0.8	8767	217792	π Piscis A	PiscisAust	93.19625	0.305	5.1	5.12
8747		HIP 11386	345.8870	67.20921	5.23	K3III	8779	218029		Cepheus	384.4356	1.248		
8748	Scheat	HIP 11388	345.9435	28.08278	2.42	M2.5II-III	8775	217906	β Pegasi	Pegasus	199.1449	1.655	2.31	2.74
8749	Fumalsam	HIP 11388	345.9692	3.820045	4.52	B6Ve	8773	217891	β Piscium	Pisces	492.4459	-0.115		
8750		HIP 11390	345.9984	-41.47889	5.796	K0III	8771	217842		Grus	300.7380	1.069		
8751		HIP 11390	346.0032	6.616340	6.417	F2V	8776	217926	15 G. Psc	Pisces	271.4404	0.417		
8752		HIP 11395	346.1651	-53.96490	5.363	K5III	8774	217902	κ Gruis	Grus	389.9515	1.453		
8753	Markab	HIP 11396	346.1902	15.20526	2.48	A0IV	8781	218045	α Pegasi	Pegasus	139.5547	-0.002		
8754		HIP 11396	346.2175	-68.82022	5.514	F3III	8769	217831		Indus	180.3096	0.395		
8755		HIP 11399	346.2907	-7.693801	5.47	F0V	8782	218060	83 Aqr	Aquarius	188.3305	0.312		
8756		HIP 11399	346.3035	-17.07924	6.143	K4III	8783	218061		Aquarius	551.6084	1.37		
8757		HIP 11400	346.3234	1.3071268	6.388	G8/K0III/I	8785	218103	16 G. Psc	Pisces	408.5205	0.928		
8758		HIP 11410	346.6534	59.41975	4.84	B0.5III	8797	218376	1 Cas	Cassiopeia	1105.084	-0.06		
8759		HIP 11411	346.6701	-23.74299	4.47	G6IIIb	8789	218240	86 Aqr	Aquarius	188.2217	0.892		
8760		HIP 11413	346.7197	-43.52035	4.4	~	8787	218227A	* tet Gru A	Grus	133.0070	0.423		

8761		HIP 11413	346.7197	-43.52035	4.332	kF3VhF5m	8787	218227	θ Gruis	Grus	133.00706	0.423		
8762		HIP 11413	346.7234	-38.89229	5.7	~	8790	218242	* ups Gru	Grus	293.95853	0.006		
8763		HIP 11414	346.7510	9.409492	4.52	M1IIIab	8795	218329	55 Peg	Pegasus	321.81654	1.559		
8764		HIP 11415	346.7709	35.63649	6.379	K0		218365		Andromed	637.96592	1.158		
8765		HIP 11415	346.7780	25.46827	4.74	K0.5II:Ba1	8796	218356	56 Peg	Pegasus	537.06888	1.285		
8766		HIP 11415	346.7893	-49.60613	6.31	K4III	8791	218255		Grus	1304.0004	1.452		
8767		HIP 11416	346.7918	52.81660	6.12	K0III	8801	218416		Andromed	423.37634	1.06		
8768		HIP 11416	346.7935	59.72739	6.419	B2V	8803	218440		Cassiopeia	1336.0658	-0.03		
8769		HIP 11416	346.8115	-50.68668	6.24	F5.5IV-V	8793	218268		Grus	129.62220	0.486		
8770		HIP 11418	346.8655	32.82534	6.34	A3Vn	8798	218395	V343 Peg	Pegasus	490.96268	0.137		
8771		HIP 11418	346.8696	21.13425	5.953	F0+VkA5n	8799	218396		Pegasus	128.50564	0.254		
8772		HIP 11420	346.9136	46.38723	5.294	K4III	8804	218452	4 And	Andromed	341.71983	1.409		
8773		HIP 11421	346.9489	63.63346	6.26	B3V	8808	218537		Cepheus	1220.9747	-0.025		
8774		HIP 11422	346.9743	75.38749	4.41	G3III+F3V	8819	218658	π Cephei	Cepheus	219.82480	0.802		
8775		HIP 11422	346.9744	75.38751	4.61	G3III	8819	218658	* pi. Cep A	Cepheus	219.82480	0.802		
8776		HIP 11422	346.9883	64.22252	6.212	K0	8811	218560		Cepheus	1065.3585	1.084		
8777		HIP 11425	347.0877	-28.82370	5.6	G8III	8802	218434		Sculptor	285.46427	0.882		
8778		HIP 11425	347.0993	-79.48068	6.108	A3/4V	8786	218108		Octans	242.55973	0.145		
8779		HIP 11426	347.1483	-73.58611	6.15	K3III	8794	218288		Indus	607.07742	1.419		
8780		HIP 11427	347.1704	2.127876	5.43	G6IIIb	8807	218527	5 Psc	Pisces	280.06897	0.908		
8781	Safina	HIP 11434	347.3616	-21.17241	3.64	K1.5III	8812	218594	88 Aqr	Aquarius	233.52430	1.202		
8782		HIP 11434	347.3810	8.677156	5.14	M4S	8815	218634	57 Peg	Pegasus	761.68296	1.484	4.95	5.23
8783		HIP 11436	347.4339	59.33269	5.679	A4II	8822	218753	2 Cas	Cassiopeia	1975.7595	0.315		
8784		HIP 11436	347.4359	-28.08856	5.868	K2III	8813	218619		Sculptor	684.87408	1.311		
8785		HIP 11436	347.4363	-67.87628	6.45	F3IV		218497		Indus	172.21347	0.394		
8786		HIP 11437	347.4564	-14.51055	6.43	A0V	8816	218639	213 G. Aq	Aquarius	344.97331	0.01		
8787		HIP 11437	347.4787	-22.45760	4.8	G2III+A2V	8817	218640	89 Aqr	Aquarius	520.76562	0.674		
8788		HIP 11438	347.4889	-42.86124	5.83	F5V	8814	218630		Grus	112.91991	0.475		
8789		HIP 11438	347.5060	9.822082	5.386	B9III	8821	218700	58 Peg	Pegasus	618.59495	-0.068		
8790		HIP 11440	347.5405	-40.59154	5.97	M4III	8818	218655	DL Gru	Grus	799.01976	1.565		

8791	HIP 1144(	347.5513(	-66.85764	6.47	K0III	8809	218558		Indus	202.9888(	0.956		
8792	HIP 11442	347.5897(	-45.24670	3.877	K1III	8820	218670	ι Gruis	Grus	184.9121(	0.998		
8793	HIP 11444	347.6776(	17.59437(	5.661	K4III	8824	218792		Pegasus	505.4273(	1.33		
8794	HIP 11452	347.9341(	8.720116(	5.154	A5Vn	8826	218918	59 Peg	Pegasus	252.9092(	0.139		
8795	HIP 11455	348.0522(	-80.91269	6.41	K4III	8810	218559		Octans	582.1416(	1.498		
8796	HIP 11457	348.1375(	49.40620(	4.52	F1V	8830	219080	7 And	Andromed	79.86284(	0.302		
8797	HIP 1146(	348.2666(	29.44152(	6.331	G8III	8831	219110		Pegasus	421.7333(	0.924		
8798	HIP 11462	348.3207(	57.16835(	5.57	K3V	8832	219134		Cassiopeia	21.36324(	0.99		
8799	HIP 11464	348.3604(	11.06500(	5.852	G5III:	8833	219139		Pegasus	335.3921(	1.004		
8800	HIP 11468	348.4973(	19.63390(	6.47	K2		219196		Pegasus	795.1207(	1.151		
8801	HIP 11469	348.5274(	-62.70000	6.12	G8V+	8829	219077		Tucana	95.23769(	0.78		
8802	HIP 11471	348.5599(	50.61789(	6.31	A0V	8837	219290		Andromed	410.5808(	-0.005		
8803	HIP 11472	348.5806(	-6.049006	4.22	M1.5III	8834	219215	ϕ Aquarii	Aquarius	222.0709(	1.545		
8804	HIP 11472	348.5904(	29.77183(	6.395	F6IVw	8838	219291		Pegasus	367.5325(	0.448		
8805	HIP 11474	348.6520(	24.10289(	6.34	K2III	8839	219310		Pegasus	503.8657(	1.167		
8806	HIP 11474	348.6546(	74.23127(	5.89	A0V	8844	219485		Cepheus	455.3080(	-0.01		
8807	HIP 11475	348.6673(	-10.68871	6.12	K4III	8836	219279		Aquarius	835.8968(	1.504		
8808	HIP 11477	348.7442(	-41.10539	5.768	K2III	8835	219263		Grus	233.6918(	1.16		
8809	HIP 11482	348.8927(	-3.496378	5.55	A2V	8840	219402	217 G. Aq	Aquarius	231.3697(	0.062		
8810	HIP 11483	348.9072(	70.88808(	5.55	F0IV	8851	219586	V388 Cep	Cepheus	356.2855(	0.263	5.56	5.63
8811	HIP 11484	348.9428(	28.24789(	6.5	G2II-III	8842	219477		Pegasus	956.0116(	0.833		
8812	HIP 11485	348.9728(	-9.087734	4.25	K1-IIIFe-0.	8841	219449	ψ 1 Aquar	Aquarius	148.4664(	1.11		
8813	HIP 11492	349.1657(	-44.48916	5.918	K1III	8846	219507		Grus	287.9858(	1.053		
8814	HIP 11493	349.2076(	-41.19439	6.48	K0III	8847	219531		Grus	488.7556(	1.07		
8815	HIP 11493	349.2122(	-7.726499	5.06	M3III	8850	219576	χ Aquarii	Aquarius	640.4728(	1.613	4.75	5.1
8816	HIP 11494	349.2403(	-62.00119	5.647	F6V	8843	219482		Tucana	67.07810(	0.521		
8817	HIP 11496	349.2864(	-28.43827	6.25	M1/2III		219580		Sculptor	910.6161(	1.556		
8818	HIP 11497	349.2914(	3.282290(	3.7	G9III:Fe-2	8852	219615	γ Piscium	Pisces	130.8186(	0.916		
8819	HIP 11498	349.3194(	45.16416(	6.455	K0IV	8857	219668		Andromed	240.9460(	1.077		
8820	HIP 11498	349.3287(	75.29902(	6.34	A2Vs	8867	219841		Cepheus	628.1305(	0.049		

8821		HIP 11499	349.3573	-58.23570	3.98	F4V	8848	219571	γ Tucanae	Tucana	71.80608	0.41		
8822		HIP 11501	349.4170	-11.71294	6.327	A1/2IV/V	8856	219659		Aquarius	389.4853	0.058		
8823		HIP 11502	349.4360	49.01530	4.86	M2.5IIIBa	8860	219734	8 And	Andromed	654.6180	1.668		
8824		HIP 11503	349.4758	-9.182518	4.4	B5V	8858	219688	ψ 2 Aquar	Aquarius	321.8165	-0.144	4.4	4.46
8825		HIP 11503	349.4833	45.48892	6.479	A0VpSiSr	8861	219749	ET And	Andromed	545.1504	-0.037	6.48	6.51
8826		HIP 11505	349.5411	-40.82436	5.537	F4V	8859	219693	ϕ Gruis	Grus	112.8420	0.445		
8827		HIP 11506	349.5834	-67.47117	6.13	K2/3III	8855	219644		Indus	628.1305	1.356		
8828		HIP 11506	349.5971	41.77366	5.97	A7m	8864	219815	AN And	Andromed	472.4654	0.215	5.96	6.11
8829		HIP 11508	349.6562	68.11144	4.87	~	8872	219916	* omi Cep	Cepheus	210.5944	0.836		
8830		HIP 11510	349.7059	-32.53202	4.406	K1III	8863	219784	γ Sculptor	Sculptor	178.7282	1.109		
8831		HIP 11511	349.7403	-9.610748	5.003	B9V	8865	219832	ψ 3 Aquar	Aquarius	248.8551	-0.022		
8832		HIP 11512	349.7637	-28.38784	6.49	K5III		219823		Sculptor	747.7073	1.535		
8833		HIP 11512	349.7779	-13.45884	5.18	G8.5IV	8866	219834	94 Aqr A	Aquarius	67.60687	0.787		
8834		HIP 11512	349.7860	-79.47238	6.331	K0III	8849	219572		Octans	489.4891	0.913		
8835		HIP 11514	349.8504	-18.07537	5.94	K2/3III	8869	219879	225 G. Aq	Aquarius	1116.439	1.534		
8836		HIP 11514	349.8642	34.79318	6.315	B8III	8873	219927		Pegasus	696.5807	-0.053		
8837		HIP 11515	349.8741	48.62532	5.44	K0III	8874	219945	11 And	Andromed	327.6398	1.014		
8838		HIP 11517	349.9297	-33.70805	6.349	K2III	8871	219912		Sculptor	571.9313	1.308		
8839		HIP 11519	349.9684	42.07806	5.789	M0III	8876	219981	10 And	Andromed	542.4283	1.512		
8840		HIP 11521	350.0599	61.97012	6.4	K5	8881	220074		Cassiopeia	942.6574	1.678		
8841		HIP 11522	350.0857	5.381307	5.069	K1IV	8878	220009	7 Psc	Pisces	341.0058	1.204		
8842		HIP 11524	350.1438	62.21326	6.36	K5	8886	220130		Cassiopeia	1752.687	1.605		
8843	Salm	HIP 11525	350.1593	23.74035	4.58	A5Vp_lB	8880	220061	τ Pegasi	Pegasus	167.1796	0.18	4.6	4.62
8844		HIP 11525	350.1703	-5.907969	6.172	G8IV/V	8879	220035		Aquarius	400.4911	1.089		
8845		HIP 11526	350.1837	44.11616	6.24	A3Vn	8884	220105		Andromed	260.8000	0.152		
8846		HIP 11527	350.2064	30.41492	5.557	M0III	8882	220088	63 Peg	Pegasus	435.2460	1.501		
8847		HIP 11527	350.2090	-50.30655	6.101	~		220003A		Grus	293.9585	0.423		
8848		HIP 11528	350.2219	38.18232	5.765	F5V	8885	220117	12 And	Andromed	138.1940	0.468		
8849		HIP 11531	350.3145	-26.98676	5.656	G5IV	8883	220096		Sculptor	328.6276	0.817		
8850		HIP 11535	350.4788	31.81246	5.348	B6III	8887	220222	64 Peg	Pegasus	833.7583	-0.101		

8851		HIP 11538	350.6190	25.91848	6.354	K3III		220288		Pegasus	1079.471	1.54		
8852		HIP 11539	350.6355	60.13348	5.513	K3II	8894	220369		Cassiopeia	1481.817	1.679		
8853		HIP 11540	350.6632	-15.0393	5.22	A3V	8890	220278	97 Aqr	Aquarius	237.0910	0.203		
8854		HIP 11540	350.6688	20.82871	6.267	B9.5V	8891	220318	65 Peg	Pegasus	487.2951	-0.033		
8855		HIP 11543	350.7365	-60.0558	6.114	M3III	8889	220263	DR Tuc	Tucana	851.1765	1.603		
8856		HIP 11543	350.7426	-20.1005	3.98	K1III	8892	220321	98 Aqr	Aquarius	161.8668	1.082		
8857		HIP 11544	350.7690	12.31391	5.081	K3III	8893	220363	66 Peg	Pegasus	329.9610	1.315		
8858		HIP 11547	350.8831	0.291327	6.34	K4III	8897	220406	24 G. Psc	Pisces	1436.125	1.583		
8859		HIP 11549	350.9392	-43.1244	6.104	K3III	8896	220401		Grus	1116.439	1.464		
8860		HIP 11551	350.9771	-53.8087	6.108	A9/F2(III)	8895	220392		Grus	480.1166	0.258		
8861		HIP 11552	351.0165	-21.7744	6.475	F3IV/V		220466	233 G. Aq	Aquarius	203.8775	0.433		
8862		HIP 11552	351.0327	-18.6879	6.186	K0III	8900	220465	234 G. Aq	Aquarius	366.7044	1.02		
8863		HIP 11553	351.0369	41.61287	6.41	M0		220524	V385 And	Andromed	1249.043	1.702		
8864		HIP 11553	351.0552	-51.8911	5.731	M0III	8898	220440		Grus	551.6084	1.611		
8865		HIP 11559	351.2094	62.28281	4.955	M1/3	8904	220652	4 Cas	Cassiopeia	770.6870	1.676		
8866		HIP 11559	351.2118	32.38488	5.548	B9III	8903	220599	67 Peg	Pegasus	506.2129	-0.075		
8867		HIP 11562	351.3311	-56.8489	5.597	K0III	8901	220572		Tucana	285.4642	1.063		
8868	Alkarab	HIP 11562	351.3449	23.40410	4.4	F8III	8905	220657	υ Pegasi	Pegasus	173.1278	0.617		
8869		HIP 11566	351.5116	-20.6420	4.39	K4.5III	8906	220704	99 Aqr	Aquarius	308.4202	1.46		
8870		HIP 11570	351.6478	-21.7408	6.44	K0III		220766	236 G. Aq	Aquarius	395.6304	1.036		
8871		HIP 11571	351.6523	-52.7215	5.522	F4V	8907	220729	ο Gruis	Grus	104.2199	0.409		
8872		HIP 11573	351.7331	1.255604	4.94	A2VpSrCr	8911	220825	κ Piscium	Pisces	162.0279	0.036	4.87	4.95
8873		HIP 11574	351.7538	87.30751	5.56	A7IV	8938	221525		Cepheus	306.6793	0.25		
8874		HIP 11575	351.7808	42.91200	5.736	B9III	8913	220885	V388 And	Andromed	293.9585	-0.007		
8875		HIP 11575	351.7809	-66.5808	6.457	K4III	8908	220759		Tucana	885.8694	1.455		
8876		HIP 11575	351.7879	-50.1572	6.199	B9V	8910	220802		Phoenix	506.9986	-0.08		
8877		HIP 11576	351.8116	1.122607	6.25	K0/1III	8912	220858	9 Psc	Pisces	406.9915	1.013		
8878		HIP 11576	351.8124	-58.4761	5.636	G8III	8909	220790		Tucana	298.2617	0.983		
8879		HIP 11577	351.8192	70.35978	5.6	A6IV	8918	220974		Cepheus	206.1986	0.163		
8880		HIP 11580	351.9182	25.16727	5.979	A0IIIpHg	8915	220933	69 Peg	Pegasus	366.7044	-0.066	5.96	5.98

8881	HIP 11583	351.9920(	6.378992	4.3	K0.5III	8916	220954	θ Piscium	Pisces	158.7147	1.062		
8882	HIP 11583	352.0028	-35.54448	6.335	K2III	8914	220929		Sculptor	644.2675(	1.201		
8883	HIP 11583	352.0157	-87.48221	5.49	K2III	8862	219765	τ Octantis	Octans	522.4347	1.278		
8884	HIP 11583	352.0216	-11.44975	6.375	G6/8III	8917	220957	237 G. Aq	Aquarius	369.1951	0.902		
8885	HIP 1159(	352.2527(	-9.266097	6.191	K4/5III	8921	221081	238 G. Aq	Aquarius	2202.704	1.438		
8886	HIP 1159(	352.2534	-44.49806	6.432	K2III	8920	221051		Phoenix	532.6809	1.177		
8887	HIP 1159(	352.2540	-63.11065	5.68	ApSi	8919	221006		Tucana	379.9531	-0.142	5.66	5.705
8888	HIP 11591	352.2736	23.04808	6.44	G9III	8922	221113		Pegasus	519.9375	1.088		
8889	HIP 11591	352.2887	12.76054	4.56	G8IIIa	8923	221115	70 Peg	Pegasus	177.7535(	0.939		
8890	HIP 11594	352.3624	-1.791213	6.34	K0III		221147	30 G. Psc	Pisces	923.5126	1.125		
8891	HIP 11595	352.3836	-4.532748	6.25	K3-IIIbFe2	8924	221148		Aquarius	159.4913(	1.123		
8892		352.422	49.17	5.6	Open Cluster			NGC 7686	Andromeda				
8893	HIP 11599	352.5080	58.54892(	4.886	B3V	8926	221253	AR Cas	Cassiopeia	574.9566	-0.122	4.82	4.96
8894	HIP 11599	352.5308	49.13314	6.152	K3III	8925	221246		Andromed	855.6427	1.464		
8895	HIP 11603	352.6648	38.66225	6.059	G9III	8927	221293		Andromed	620.9519	0.992		
8896	HIP 11606	352.7547	-6.288079	6.391	K1III	8928	221308	240 G. Aq	Aquarius	2432.837	1.259		
8897	HIP 11609	352.8623	-44.84358	6.02	K1III	8929	221323		Phoenix	370.8772	1.014		
8898	HIP 1161(	352.8812(	-4.087402	6.49	F7V	8931	221356		Aquarius	85.54176	0.531		
8899	HIP 11611	352.9251	-21.36946	6.239	F0V	8932	221357	100 Aqr	Aquarius	261.0090	0.319		
8900	HIP 11611	352.9292	28.40348	6.388	A0VpSrCr	8933	221394	V354 Peg	Pegasus	480.8273	0.035		
8901	HIP 11614	352.9898(	-1.085895	6.384	K0III	8934	221409	13 Psc	Pisces	800.9822	1.177		
8902	HIP 11618	353.1209	23.84361	6.4	K5		221493		Pegasus	693.6173	1.492		
8903	HIP 11623	353.2427	-37.81828	4.37	B9.5IIIpHg	8937	221507	β Sculptor	Sculptor	178.3370	-0.095		
8904	HIP 11624	353.3192	-20.91449	4.758	A0V	8939	221565	101 Aqr	Aquarius	320.2357	0.02		
8905	HIP 11625	353.3315	-77.38533	5.806	G2IV-V	8935	221420		Octans	103.5249	0.681		
8906	HIP 11626	353.3670	22.49878(	5.42	M5III	8940	221615	71 Peg	Pegasus	574.9566	1.481	5.32	5.62
8907	HIP 11629	353.4291(	45.05809	6.246	G8II	8941	221661		Andromed	547.8986(	0.986		
8908	HIP 1163(	353.4812	20.84093	6.111	M3III	8942	221662		Pegasus	1041.534	1.654		
8909	HIP 11631	353.4882	31.32527	5.51	~	8943	221673	* 72 Peg A	Pegasus	547.8986(	1.383		
8910	HIP 11631	353.4882	31.32527	5.008	K4IIIb	8943	221673	72 Peg	Pegasus	547.8986(	1.383		

8911	HIP 11631	353.4884	31.32528	5.95	~	8943	221673	* 72 Peg B	Pegasus	547.8986	1.383		
8912	HIP 11632	353.5375	-1.247561	5.87	A2II	8944	221675	14 Psc	Pisces	230.0634	0.299		
8913	HIP 11635	353.6564	40.23643	5.563	A1Va	8947	221756	V340 And	Andromed	233.3573	0.096	5.69	5.72
8914	HIP 11635	353.6591	33.49732	5.621	K0III:	8948	221758	73 Peg	Pegasus	305.2436	1.042		
8915	HIP 11636	353.6947	38.02400	6.173	K5III	8950	221776		Andromed	677.7542	1.586		
8916	HIP 11636	353.7056	-15.2460	5.944	K4III	8946	221745	246 G. Aq	Aquarius	350.9162	1.35		
8917	HIP 11638	353.7460	71.64204	5.84	G9Ib	8952	221861		Cepheus	2859.650	1.681		
8918	HIP 11638	353.7690	-42.6151	4.71	ApSrCrEu	8949	221760	ι Phoenici	Phoenix	273.4899	0.078	4.7	4.75
8919	HIP 11642	353.8690	1.313137	6.463	K0III		221833	15 Psc	Pisces	310.1809	1.151		
8920	HIP 11642	353.8836	-7.464429	6.407	G6/8III	8951	221835	248 G. Aq	Aquarius	453.4074	0.874		
8921	HIP 11646	353.9830	24.56101	6.47	M1III	8953	221905		Pegasus	1253.845	1.703		
8922	HIP 11649	354.0970	2.102221	5.68	F6V	8954	221950	16 Psc	Pisces	101.0225	0.449		
8923	HIP 11650	354.1271	32.90421	6.335	F6V	8955	221970		Andromed	250.9623	0.459		
8924		354.3835	44.42901	6.09	~	8962	222109A		Andromed	823.2317	-0.064		
8925	HIP 11658	354.3910	46.45815	3.82	G8IVk	8961	222107	λ Androm	Andromed	84.15072	0.984	3.65	4.05
8926	HIP 11659	354.4148	-13.0602	5.654	G9III	8958	222093		Aquarius	283.4782	1.025		
8927	HIP 11659	354.4155	16.82549	6.249	A2IV	8960	222098	74 Peg	Pegasus	363.4346	0.025		
8928	HIP 11660	354.4624	-45.4923	4.74	A1/2V	8959	222095		Phoenix	200.4920	0.082		
8929	HIP 11661	354.4866	18.40066	5.482	A0Vn	8963	222133	75 Peg	Pegasus	238.8280	0.01	5.37	5.49
8930	HIP 11662	354.5126	-15.0951	6.38	K0III		222125	251 G. Aq	Aquarius	337.8241	1.078		
8931	HIP 11663	354.5341	43.26807	4.29	B8V	8965	222173	ι Androme	Andromed	502.3107	-0.083		
8932	HIP 11665	354.5995	-76.8695	5.983	K0II/III	8957	222060		Octans	624.5216	0.907		
8933	HIP 11670	354.7847	50.47173	5.35	B9Ve	8967	222304	18 And	Andromed	389.9515	-0.061		
8934	HIP 11671	354.7923	75.29288	5.946	A3V	8971	222386		Cepheus	262.9034	0.124		
8935	HIP 11672	354.8380	74.00267	5.973	G8III	8972	222387		Cepheus	419.0242	0.889		
8936	HIP 11673	354.8664	-46.6377	6.09	A7III+A/F	8966	222287	θ Phoenic	Phoenix	277.6833	0.24		
8937	HIP 11673	354.8664	-46.6378	6.5	A7IV	8966	222287A	* tet Phe A	Phoenix	277.6833	0.24		
8938	HIP 11675	354.9461	-14.2221	4.977	A7IV	8968	222345	ω 1 Aquai	Aquarius	133.7161	0.257		
8939	HIP 11676	354.9793	9.677297	5.96	A2m	8970	222377	47 G. Peg	Pegasus	189.9768	0.212		
8940	HIP 11677	354.9876	5.626292	4.12	F7V	8969	222368	ι Piscium	Pisces	44.95931	0.507		

8941	HIP 1168(	355.1021:	44.33393:	4.14	B9IVn	8976	222439	κ Androm	Andromec	169.6149:	-0.071		
8942	HIP 11682	355.1589	-32.07312	5.303	K0III	8975	222433	μ Sculptor	Sculptor	290.5528:	0.965		
8943	HIP 11685	355.2871:	-11.68065	5.92	K0III	8979	222493	255 G. Aq	Aquarius	379.0696(	0.984		
8944	HIP 11687	355.3616(	49.51241(	6.26	A4V	8981	222570		Cassiopeia	778.0416!	0.182		
8945	HIP 11688	355.3937(	-18.02707	5.344	K4/5III	8980	222547	103 Aqr	Aquarius	584.2280(	1.58		
8946	HIP 1169(	355.4408!	-17.81653	4.83	G2Ib/II	8982	222574	104 Aqr A	Aquarius	642.9993(	0.822		
8947	HIP 11691	355.4773-	57.25995:	6.22	G8III	8985	222618		Cassiopeia	885.8694!	1.025		
8948	HIP 11691	355.4862(	7.2505485	5.891	A3Vn	8983	222602	40 G. Psc	Pisces	338.1729!	0.101		
8949	HIP 11692	355.5116!	1.7800421	4.51	A7V	8984	222603	λ Piscium	Pisces	100.6795!	0.2		
8950	HIP 11694	355.5611:	44.99171-	6.41	K5III	8986	222641		Andromec	785.5429:	1.5		
8951	HIP 11695	355.6159:	-15.44802	5.257	K3III	8987	222643	258 G. Aq	Aquarius	279.8283!	1.344		
8952	HIP 11696	355.6310:	61.67937:	6.395	K2III	8990	222682		Cassiopeia	459.1548!	1.25		
8953	HIP 11697	355.6806(	-14.54490	4.484	B9.5V	8988	222661	ω 2 Aquai	Aquarius	154.0643!	-0.032		
8954	HIP 11697	355.6827!	16.335719	6.293	K0		222683	76 Peg	Pegasus	405.9777:	0.97		
8955	HIP 11699	355.7710(	51.93933:	6.44	K0		222748		Cassiopeia	559.1782:	1.034		
8956	HIP 11702	355.8431(	10.331538	5.071	M2III	8991	222764	77 Peg	Pegasus	817.0443(	1.692		
8957	HIP 11707	355.9978!	29.361455	4.96	G8IIIb	8997	222842	78 Peg	Pegasus	234.3637!	0.935		
8958	HIP 11707	356.0055(	-45.08312	6.09	K1III/IV	8993	222803		Phoenix	238.3041:	0.978		
8959	HIP 11708	356.0501!	-64.40445	5.711	K2II/III	8996	222820		Tucana	878.7072:	1.393		
8960	HIP 11708	356.0503:	-18.27694	5.239	B9V	8998	222847	106 Aqr	Aquarius	331.3008:	-0.084		
8961	HIP 1171(	356.1059(	-70.49022	6.07	G8/K0IV	8994	222805		Tucana	149.7475(	0.91		
8962	HIP 1171(	356.1211(	-26.24663	6.23	F3/5V	8999	222872		Sculptor	221.7687-	0.495		
8963	HIP 11712	356.1702(	-78.79144	5.738	K1III	8995	222806		Octans	568.9354(	1.108		
8964	HIP 11713	356.2016!	55.799687	6.44	G4III:	9000	222932		Cassiopeia	473.1500-	0.992		
8965	HIP 11721	356.5038!	-18.67833	5.616	A9IV	9002	223024A	* i02 Aqr /	Aquarius	212.1015:	0.299		
8966	HIP 11721	356.5052:	-40.18256	6.302	A7III/IV	9001	223011		Phoenix	212.7939(	0.21		
8967	HIP 11721	356.5052!	-18.67969	6.42	F2V	9002	223024B	* i02 Aqr I	Aquarius	212.1015:	0.299		
8968	HIP 11722	356.5085:	46.420274	4.966	G3Ib-II	9003	223047	ψ Androm	Andromec	1309.236(	1.086		
8969	HIP 11724	356.5979!	3.4868108	5.02	C-N6	9004	223075	19 Psc	Pisces	759.9062(	2.508	4.79	5.2
8970	HIP 11726	356.6530(	66.78224-	5.937	B2IV	9005	223128		Cepheus	1734.043!	-0.049		

8971	HIP 11729	356.75795	57.451359	5.503	K3-IIb	9010	223173		Cassiopeia	1671.7970	1.63		
8972	HIP 11730	356.76439	58.651991	4.873	K1-IIIa	9008	223165	τ Cassiope	Cassiopeia	172.66953	1.122		
8973	HIP 11731	356.81629	-11.91112	5.731	K0III	9009	223170	264 G. Aq	Aquarius	346.07193	1.068		
8974	HIP 11731	356.81665	-50.22645	5.166	B3V	9006	223145	σ Phoenic	Phoenix	591.65108	-0.164		
8975	HIP 11734	356.88770	46.832561	6.13	B3IV	9011	223229		Andromed	1319.8375	-0.135		
8976	HIP 11737	356.97821	67.806809	5.044	A1Vn	9013	223274		Cepheus	297.44543	0.007		
8977	HIP 11737	356.98559	-2.761597	5.49	K0III	9012	223252	20 Psc	Pisces	291.33162	0.941		
8978	HIP 11742	357.13533	-6.380423	6.069	K2/3III	9014	223311		Aquarius	722.83679	1.452		
8979	HIP 11744	357.20569	2.2144148	6.457	F5V	9015	223346	45 G. Psc	Pisces	180.21024	0.461		
8980	HIP 11744	357.20904	62.214515	5.59	A3Ia	9018	223385A	* 6 Cas A	Cassiopeia	16300.005	0.67	5.34	5.45
8981	HIP 11745	357.22487	59.978956	6.324	A0V	9019	223386		Cassiopeia	343.51935	-0.007		
8982	HIP 11745	357.23144	-28.13027	4.57	A0VankB9	9016	223352	δ Sculptor	Sculptor	143.42276	0.001		
8983	HIP 11747	357.29968	58.963201	6.355	F2IV	9020	223421		Cassiopeia	249.80866	0.408		
8984	HIP 11749	357.36447	1.076129(	5.7	A3III	9022	223438	21 Psc	Pisces	267.43255	0.167		
8985	HIP 11749	357.38170	-15.86127	6.213	K2IIIbFe-0	9021	223428	266 G. Aq	Aquarius	424.47822	1.212		
8986	HIP 11750	357.41414	28.842389	5.96	A2m	9025	223461	79 Peg	Pegasus	266.77599	0.187		
8987	HIP 11750	357.42066	36.425281	5.9	G1IIICaIIe	9024	223460	OU And	Andromed	439.94692	0.806	5.87	5.94
8988	HIP 11751	357.45664	-25.33134	6.42	A3V	9026	223466		Sculptor	395.63047	0.097		
8989	HIP 11754	357.56137	-9.974137	5.936	K1III	9027	223524	268 G. Aq	Aquarius	306.67938	1.133		
8990	HIP 11755	357.59263	51.621661	6.472	F3V	9028	223552		Cassiopeia	132.09067	0.403		
8991	HIP 11756	357.63868	-14.40149	5.691	K4.5IIIb	9029	223559	269 G. Aq	Aquarius	459.80359	1.488		
8992	HIP 11757	357.64849	-47.37694	6.49	G8III		223549		Phoenix	433.51169	1.025		
8993	HIP 11762	357.83854	9.3133564	5.78	M3III	9030	223637	80 Peg	Pegasus	806.93177	1.661	5.74	5.9
8994	HIP 11762	357.83890	-18.90916	5.18	A0VpSiSr	9031	223640	108 Aqr	Aquarius	320.86625	-0.122	5.12	5.21
8995	HIP 11768	357.99095	2.9303864	5.554	K4IIIBa1	9033	223719	22 Psc	Pisces	1181.1603	1.527		
8996	HIP 11768	358.02697	-82.01882	5.106	G6/8III	9032	223647	γ 1 Octant	Octans	267.21317	0.934		
8997	HIP 11771	358.09746	21.671100	6.113	M2III	9035	223755	23 Psc	Pegasus	546.97928	1.616		
8998	HIP 11771	358.10587	75.544543	6.38	K3V	9038	223778		Cepheus	35.174753	0.977		
8999	HIP 11771	358.12203	19.120285	5.08	M2III	9036	223768	ϕ Pegasi	Pegasus	436.99662	1.587		
9000	HIP 11772	358.12496	-14.25121	5.848	K2III	9037	223774	271 G. Aq	Aquarius	286.46770	1.252		

9001	HIP 11773	358.1546	10.94728	5.3	A4Vn	9039	223781	82 Peg	Pegasus	188.33058	0.186	5.3	5.39
9002	HIP 11775	358.2105	-8.996757	5.747	K1III	9040	223807		Aquarius	611.63163	1.171		
9003	HIP 11776	358.2315	-3.155481	5.94	K0II/III	9041	223825	24 Psc	Pisces	499.2333(	1.069		
9004	HIP 11777	358.2698	2.090616	6.28	B9.5V	9042	223855	25 Psc	Pisces	461.75633	-0.003		
9005	HIP 11779	358.3368	-24.22925	6.231	A5V	9043	223884	274 G. Aq	Aquarius	299.6325(	0.188		
9006	HIP 11786	358.5959(	57.49938	4.59	G2_0	9045	224014	ρ Cassiop	Cassiopeia	11642.86(	1.19	4.1	6.2
9007	HIP 11788	358.6609	-40.30006	6.03	G0V	9046	224022		Phoenix	90.909038	0.572		
9008	HIP 11788	358.6942(	0.109312	5.61	M5III	9047	224062	XZ Psc	Pisces	642.9993(	1.466	5.61	5.97
9009	HIP 11792	358.7824(	7.070971	6.209	B9V	9048	224103	26 Psc	Pisces	403.4642	-0.066		
9010	HIP 11793	358.8191	-31.92147	6.076	B5/8	9049	224113	AL Scl	Sculptor	1031.6469	-0.093	6.06	6.33
9011	HIP 11793	358.8459	25.95499	6.5	K5	9051	224128		Pegasus	603.7033(	1.488		
9012	HIP 11795	358.8894	47.35580	5.989	G8Ib	9053	224165		Andromec	1613.8635	1.17		
9013	HIP 11795	358.8909	57.41216	6	B0.5II+B3.	9052	224151	V373 Cas	Cassiopeia	6498.4358	0.155	5.9	6.3
9014	HIP 11802	359.1247	-24.73721	6.315	G8III/IV	9054	224283	1 G. Cet	Cetus	502.31075	0.921		
9015	HIP 11804	359.1729	22.64809	6.166	M2III	9055	224303		Pegasus	602.58838	1.635		
9016	HIP 11807	359.2651	42.65823	6.02	F8III	9057	224342		Andromec	1442.4787	0.712		
9017	HIP 11807	359.2839	-26.62344	6.249	K3III	9058	224350		Sculptor	1225.5648	1.452		
9018	HIP 11807	359.2853(	55.70570	5.561	F6V	9059	224355		Cassiopeia	217.76904	0.478		
9019	HIP 11808	359.2921	-20.83364	6.44	G8/K0III		224349	2 G. Cet	Cetus	455.94375	0.979		
9020	HIP 11809	359.3329	-62.95659	5.943	A1IV	9060	224361		Tucana	204.9028(	0.101		
9021	HIP 11811	359.3869	-82.16980	5.724	K0III	9061	224362	γ 2 Octan	Octans	314.06558	1.055		
9022	HIP 11811	359.3897	60.02360(	6.461	B9V	9063	224404		Cassiopeia	1143.8594	0.029		
9023	HIP 11812	359.3961(	-64.29822	4.989	A1V	9062	224392	η Tucanae	Tucana	158.79204	0.06		
9024	HIP 11813	359.4396	25.14140	4.66	M3III	9064	224427	ψ Pegasi	Pegasus	432.3609(	1.584		
9025	HIP 11817	359.5884	-15.84748	6.276	K1IIICNII	9065	224481	1 Cet	Cetus	485.84122	1.079		
9026	HIP 11818	359.6036	51.38880	4.8	M6.5-9e	9066	224490	R Cas	Cassiopeia	567.98928		4.7	13.5
9027	HIP 11820	359.6682	-3.555969	4.886	G8III	9067	224533	27 Psc	Pisces	223.59401	0.93		
9028	HIP 11823	359.7324	-52.74580	5.133	K0III	9069	224554	π Phoenic	Phoenix	256.69314	1.121		
9029	HIP 11824	359.7522	55.75492	5.01	~	9071	224572	* sig Cas A	Cassiopeia	1523.3659	-0.071		
9030	HIP 11827	359.8662	-29.48516	5.573	K5III	9073	224630	BU Scl	Sculptor	878.70722	1.599		

9031			359.8720	33.72385	6.4	F8	9074	224635		Andromec	94.57490	0.539			
9032		HIP 11832	359.9790	-65.57713	4.47	B8V	9076	224686	ϵ Tucanae	Tucana	374.2839	-0.075			
9033	Parumleo		3.961699	1.200441	11.26			_	WASP-32	Pisces		0.8	_		
9034	Citadelle	HIP 1547	4.821108	14.05475	8.52	K0		1502		Pisces	546.3121	0.92			
9035	Felixvarel	HIP 2247	7.142941	-16.22634	9.566	K5 V				Cetus	122.4391	1.165			
9036	Cocibolca	HIP 3479	11.11104	-26.51568	7.78	G5 V		4208		Sculptor	106.6531	0.66			
9037	Nenque	HIP 5054	15.07781	-39.48821	7.71	G2/3 V		6434		Phoenix	131.5062	0.61			
9038	Emiw	HIP 5529	15.17978	-66.18816	8.027	K0 IV/V		7199		Tucana	117.0249	0.865			
9039	Bélénos	HIP 6643	15.42014	28.56669	7.112	F8		8574		Pisces	144.1611	0.574			
9040	Mpingo		29.26335	0.758855	10.56	G2		_	WASP-71	Cetus		0.79	_		
9041	Buna	HIP 12191	30.61719	42.06263	7.282	G0		16175		Andromec	195.1720	0.66			
9042	Koeia	HIP 12961	30.77857	-23.08661	10.24	M0				Eridanus	77.62523	1.41			
9043	Nushagak	HIP 13192	30.82902	71.75323	8.172	G0 V		17156		Cassiopeia	244.6173	0.617			
9044	Muspelheim		33.13116	51.77876	11.83			_	HAT-P-29	Perseus		0.47	_		
9045	Horna		35.38325	32.24613	12.51	G		_	HAT-P-38	Triangulum		0.83	_		
9046	Diya		41.04004	-30.16904	10.84			_	WASP-72	Fornax			_		
9047	Chaophraya		43.68805	-10.89806	11.44	G9V			WASP-50	Eridanus		0.99			
9048	Ayeyarwa	HIP 13993	45.00296	-20.80260	7.97	G8/K0 IV		18742		Eridanus	417.0889	0.94			
9049	Intan	HIP 15578	45.34519	-33.73010	9.92	K3/4 IV		20868		Fornax	159.4905	1.037			
9050	Tupi	HIP 17096	45.66197	-52.91583	7.12	F8/G0 V		23079		Reticulum	112.8501	0.58			
9051	Tojil		52.81802	-23.81967	11.99	G		_	WASP-22	Eridanus		0.39	_		
9052	Hoggar	HIP 21109	60.52373	4.575294	8.54	G8 IV		28678		Taurus	550.9435	1.01			
9053	Mouhoun	HIP 22491	60.83829	-24.36884	8.07	K0 III		30856		Eridanus	394.8776	0.961			
9054	Berehynia		66.24806	39.46064	12.41	G5		_	HAT-P-15	Perseus		0.61	_		
9055	Montuno		66.37090	-30.60044	10.04	F5		_	WASP-79	Eridanus		0.41	_		
9056	Bubup	HIP 26380	75.61722	-73.69934	6.696	F9.5V		38283		Mensa	123.2219	0.564			
9057	Naledi		87.13997	-63.98844	10.21			_	WASP-62	Dorado		0.52	_		
9058	Amadioha	HIP 29550	90.22657	-29.89726	8.98	G8 V		43197		CanisMajo	183.6261	0.817			
9059	Lucilinbur	HIP 30860	90.47936	38.96296	7.885	G5 V		45350		Auriga	159.6535	0.745			
9060	Lusitânia	HIP 30905	90.48699	10.93389	8.127	G8-K0		45652		Monocero	117.8729	0.836			

9061	Nosaxa	HIP 31895	90.66714(	-48.54195	8.05	G5 V		48265		Puppis	285.0933(	0.747		
9062	Nervia	HIP 32916	90.85847(	40.86775(	8.1	G5 V		49674		Auriga	132.8435(	0.73		
9063	Kosjenka		94.33645(	-38.32326	11.15	G8			WASP-63	Columba		0.59		
9064	Geminga		98.47563(	17.77025(		PSR			PSR B063(	Gemini				
9065	Atakoraka		101.1150(	-32.85838	G12.53		_		WASP-64	CanisMajor				_
9066	Ceibo	HIP 37284	105.6560(	-78.27897	9.37	K4 V		63454		Chamaele	116.7640(	1.006		
9067	Tapecue	HIP 38041	105.7971(	-54.26414	8.104	G6 IV/V		63765		Carina	106.3922(	0.745		
9068	Dilmun		107.6002(	-39.09738	10.51	F6V			WASP-121	Puppis		0.49		
9069	Tevel		110.1685(	37.14065(	12.34	F	_		HAT-P-9	Auriga		0.01		_
9070	Koit		110.3881(	58.26808(	10.78		_		XO-4	Lynx				_
9071	Absolutno		116.7165(	39.09457(	12.1		_		XO-5	Lynx				_
9072	Kaewkosin		119.7743(	15.39145(	G11.36	M2.0V			GJ 3470	Cancer				
9073	Násti	HIP 40687	120.3061(	61.46072(	8.2	G2 V		68988		UrsaMajo	191.8452(	0.625		
9074	Gakyid	HIP 42446	120.6543(	12.96037(	8.23	G5 IV		73534		Cancer	264.1867(	0.962		
9075	Stribor	HIP 43674	120.8974(	33.05681(	8.03	G0 V		75898		Lynx	262.8169(	0.626		
9076	Maru		121.7239(	-66.30463	13.7	DQ			WD 0806-	Volans		0.06		
9077	Tislit		126.3378(	-11.50098	11.08	F6	_		WASP-161	Puppis		0.57		_
9078	Lerna		135.3443(	6.097227	12.17		_		HAT-P-42	Hydra		0.66		_
9079	Illyrian	HIP 47087	135.5958(	34.78074(	7.78	G0		82886		LeoMinor	366.0454(	0.864		
9080	Kalausi	HIP 47202	135.6199(	-43.27220	8.222	K0/1 V + G (III)		83443		Vela	141.9759(	0.831		
9081	Natasha	HIP 48235	135.8340(	-49.79026	8.526	K1 V		85390		Vela	110.7627(	0.846		
9082	Bibhā	HIP 48711	135.9349(	-3.808423	8.73	F8 V		86081		Sextans	297.3242(	0.664		
9083	Gloas		140.1029(	33.88241(	10.42	G1V	_		WASP-13	Lynx		0.79		_
9084	Filetdor		144.8753(	-20.98246	9.35	F9V			WASP-166	Hydra		0.59		
9085	Añañuca	HIP 47780	146.1243(	-45.77650	9.979	M1V			GJ 367	Vela		1.393		
9086	Wattle		148.4169(	-45.65918	12.31	G8V			WASP-19	Vela		0.74		
9087	Macondo	HIP 52521	150.7391(	-33.57702	8.3	K3 V		93083		Antlia	94.25923(	0.945		
9088	Gnomon		154.9083(	-9.806279	12.49	K7V			WASP-43	Sextans		1.292		
9089	Aiolos	HIP 53524	164.2625(	-68.66734	7.36	A8III		95086		Carina		0.42		
9090	Dingolay	HIP 54158	165.0790(	-2.513219	8.37	G6 V		96063		Leo	433.1358(	0.86		

9091	Hunahpú	HIP 55174	165.2965	-23.97541	8.21	K0 III/IV		98219		Crater	490.4741	0.96				
9092	Amansinaya		165.3995	-23.86066	10.28		_		WASP-34	Crater		0.77				_
9093	Shama	HIP 55664	165.4048	-1.529074	9.1	G8/K0 IV		99109		Leo	197.1942	0.87				
9094	Sagarmatl	HIP 56572	165.5976	-4.755695	8.418	G8 V		100777		Leo	172.2106	0.777				
9095	Uklun	HIP 57291	165.7473	-58.70371	7.47	G6 V		102117		Centaurus	136.9857	0.721				
9096	Flegetont	HIP 57370	165.7617	2.821478	8.062	K0 V		102195		Virgo	94.52016	0.835				
9097	Aniara	HIP 57820	165.8562	57.64073	7.851	G5		102956		UrsaMajo	394.8776	0.973				
9098	Mazalaai		171.2749	41.02796	11.56	G3	_		HAT-P-21	UrsaMajor		1.1				_
9099	Noquisi	HIP 57087	175.5462	26.70656	10.613	M3V			GJ 436	Leo		1.447				
9100	Tupã	HIP 60644	180.4295	-64.02208	6.995	F8/G0 V		108147		Crux	125.7659	0.537				
9101	Funi	HIP 61177	180.5353	74.48954	8.77	G0 V		109246		Draco	213.9586	0.64				
9102	Tuiren		188.2662	44.91533	12.15		_		HAT-P-36	CanesVenatici		0.82				_
9103	Gar		191.9859	9.751398	11.395	M3.5V			GJ 486	Virgo		1.563				
9033	Lich		195.0129	12.68198		PSR			PSR B125	Virgo						
9034	Matza	HIP 65426	195.4100	-51.50445	7.01	A2V		116434		Centaurus	345.3384	0.093				
9035	Dofida	HIP 66047	195.5404	-47.27136	7.169	G2 V		117618		Centaurus	124.0047	0.6				
9036	Liesma	HIP 66192	195.5673	53.72852	8.05	K0		118203		UrsaMajo	288.8768	0.699				
9037	Dombay		206.0941	48.02866	11.86	K1V	_		HAT-P-3	UrsaMajor		0.67				_
9038	Nyamien		208.9279	-32.15961	10.91	F7	_		WASP-15	Centaurus		0.496				_
9039	Komondor		209.3894	43.49350	12.84	K5			HAT-P-12	CanesVenatici		-0.24				
9040	Proxima C	HIP 70890	210.4952	-62.67949	11.01	M5.5Ve				Centaurus	4.246512	1.807	12.1	13.12		
9041	Arcalís	HIP 72845	210.8897	18.23540	7.96	K0		131496		Bootes	395.8235	1.04				
9042	Baekdu	HIP 73136	210.9467	74.90092	6.83	K0		133086		UrsaMino	518.9149	0.985				
9043	Guahayona		213.1563	4.060032	11.76	K1			HAT-P-26	Virgo		0.57				
9044	Malmok		217.3267	-3.444501	12.09		_		WASP-39	Virgo		0.84				_
9045	Mönch	HIP 72339	221.8863	-0.281474	8.031	K0V		130322		Virgo	97.06418	0.796				
9046	Nikawiy	HIP 74961	225.3183	41.73320	7.879	G5		136418		Bootes	346.9652	0.937				
9047	Karaka	HIP 76351	225.5944	-80.20459	8.71	K0/K1V		137388		Apus	125.3366	0.891				
9048	Dìwö		239.9622	-28.06175	11.59	F4	_		WASP-17	Scorpius		0.24				_
9049	Kamuy	HIP 79219	240.1677	26.74274	6.566	K0		145457		CoronaBo	411.2833	1.042				

9050	Sharjah	HIP 79431	240.2116(	-18.87550	11.34	M3 V				Scorpius	48.59733	3.457			
9051	Timir	HIP 80687	240.4744	-13.39963	6.895	K0 III/IV		148427		Ophiuchu	193.3455	0.952			
9052	Ogma	HIP 80838	240.5082	38.347308	8.15	G0		149026		Hercules	257.2070	0.611			
9053	Rosaliade	HIP 81022	240.5475	2.0848278	7.893	G3 V		149143		Ophiuchu	207.0767	0.668			
9054	Moldoveanu		240.5493(	28.16956	11.25	G1V	_		XO-1	CoronaBorealis		0.63			_
9055	Mahsati	HIP 82651	240.8954	11.97374	8.54	K0		152581		Ophiuchu	596.2793	0.9			
9056	Irena		243.9598	10.03257	9.39	F8	_		WASP-38	Hercules		0.476			_
9057	Hunor		245.1514	41.04808	8.69	F8V		147506	HAT-P-2	Hercules		0.46			_
9058	Rapeto	HIP 83547	255.0752	-43.30976	7.39	F8 V		153950		Scorpius	169.1773	0.552			
9059	Inquill	HIP 84787	255.3309	-48.54932	6.673	F8 IV/V		156411		Ara	179.7122	0.601			
9060	Barnard's	HIP 87937	255.9634	4.693364	9.54	sdM4e				Ophiuchu	5.937971	1.57	9.55	9.57	
9061	Orkaria		258.8288	4.963907	14.71	M4.5V			GJ 1214	Ophiuchus					
9062	Franz		260.1161(	38.24219	9.99	F5V	_		HAT-P-14	Hercules		0.42			_
9063	Pipoltr		268.0292	37.54617	12.4		_		TrES-3 Par	Hercules		0.712			_
9064	Pincoya	HIP 88414	270.0519	-28.56065	9.827	K1/3		164604		Sagittariu	123.8742	1.05			
9065	Alasia	HIP 90004	270.3638	-11.92268	7.946	G5		168746		Serpens	140.6386	0.718			
9066	Kaveh	HIP 92895	270.9280	4.265323(	8.03	G8 IV		175541		Serpens	416.0126	0.9			
9067	Chasoň		274.4054	36.62143(	11.95		_		HAT-P-5	Lyra					_
9068	Belel	HIP 95124	285.3511	-23.61956	7.55	K0 III		181342		Sagittariu	360.7943	1.02			
9069	Sika	HIP 95262	285.3813	-32.91905	7.849	G1 V		181720		Sagittariu	182.4193	0.585			
9070	Uruk	HIP 96078	285.5344	16.47428	8.97	F8 V		231701		Sagitta	353.7493	0.517			
9071	Petra		303.1673	-2.14422	11.39	K7V	_		WASP-80	Aquila		0.871			_
9072	Sansuna		303.1953(	18.10483	10.4	F8	_		HAT-P-34	Sagitta		0.41			_
9073	Phoenicia	HIP 99711	303.4993	-0.866880	7.79	K2 V		192263		Aquila	64.87252	0.938	7.79	7.82	
9074	Moriah		306.1238	16.76217	11.94	G8	_		HAT-P-23	Delphinus		2.1			_
9075	Wouri		315.0258	-5.094454	9.87				WASP-69	Aquarius		1.06			
9076	Sāmaya	HIP 10682	315.6356(	-31.73748	8.56	F7 V		205739		PiscisAust	294.6171(	0.54			
9077	Bosona	HIP 10725	315.7235	-7.408252	8.346	K0 III		206610		Aquarius	554.6943	1.032			
9078	Itonda	HIP 10837	315.9555	-37.76362	7.471	G2 V		208487		Grus	143.5088	0.552			
9079	Solaris	HIP 10478	318.3999	14.68938	G9.36	K5			BD +14 45	Pegasus					

9080	Lionrock	HIP 11081	330.4508	-17.26365	7.595	G8 IV		212771		Aquarius	397.2586(	0.885		
9081	Taika		335.5128(	45.45736(	11.34		_		HAT-P-40	Lacerta		0.85		_
9082	Zembra		339.0263	-16.99994	12.469				HATS-72	Aquarius		1.103		
9083	Batsǔ		340.4921	-69.16897	15.26				LHS 3844	Indus		2.04		
9084	Ebla	HIP 11432	345.1529	-2.260745	8.63	K3 V		218566		Pisces	97.65124	1.01		
9085	Poerava	HIP 11608	345.5223	-58.20973	7.807	F7 V		221287		Tucana	172.4715	0.505		
9086	Axólotl	HIP 11831	345.9982	-22.42811	8.216	G2 IV		224693		Cetus	306.8154(	0.656		
9087	Tangra		347.4927	18.39607	11.55	G3V	_		WASP-21	Pegasus		0.57		_
9088	Márohu		348.1572	-22.67396	11.91	G8V	_		WASP-6	Aquarius		0.99		_
9089	Anadolu		348.4948	8.76127	12	K2V	_		WASP-52	Pegasus		0.9		_
9090	Danfeng	HIP 11521	350.0313	-60.06517	11.02	M2V			L 168-9	Tucana		1.43		
9091	Sterrennacht		354.7742(	42.46597	10.47	F8V	_		HAT-P-6	Andromeda		0.41		_
9092	Morava		356.6665(	31.15593	12.18	G1V	_		WASP-60	Pegasus		0.68		_
9093	Uúba	HIP 11788	358.6675	-37.62792	9.76	G7V			LTT 9779	Sculptor		0.79		