THE CATALOGUE OF FUNDAMENTAL CHARACTERISTICS OF COOL GIANT STARS

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ABSTRACT. The characteristics - V, Sp, T_{eff}, lg g, Fe/H, r, M_V, M_{Bol}, $L/L_\odot$, $R/R_\odot$, $M/M_\odot$ of 975 cool giant stars are given as catalogue. The main results of using a data of catalogue are adduced.

Key words: Stars: cool giants, fundamental characteristics, catalogue.

The data of absolute spectrophotometry were used for determination of the fundamental characteristics for almost 700 standard stars in region of spectral types from G0 to M4. The 170 stars were selected for calibration of new photometric indices based on multicolour photometric catalogues in Geneva and Gildenkern systems.

The effective temperatures - T_{eff}, gravities - logg and metallicities - $[Fe/H] = \log(Fe/H)_* - \log(Fe/H)_\odot$ have been determine for nearly 1000 stars in Geneva observatory and for nearly 600 stars in Gildenkern systems in the region of spectral types from G0 to K5. The presented catalogue contains a fundamental characteristics for 975 G0 – M4 giants which are belonging to Galactic disk. It have been received by means of unifications of data from two catalogues (see Korotina et. all, 1989 and Korotina, Komarov, 1992).

Furthermore, the data of catalogue were analysed and following results were obtained:

1. The dependence of distribution of metall geficient giants upon spectral type have the maximum in the regions G7 – K0 and M1 – M4, but the maximum does not observed for stars having solar metallicity.

2. The almost uniform distribution is observed in the region of spectral type from K1 to K5 with some maximum at spectral type K3.

3. Average values of metallicities in the region of spectral types from G0 to K0, from K1 to K5 and from M0 to M4 are equal to -0.28, -0.07 and -0.20 dex respectively.

4. The supermetallic stars are locating on the HR-diagram among old and young giant stars.

5. The metallicities of giant stars which are belonging to 27 open clusters and moving groups of various ages, were determined.The dispersion of metallicities for old stars is $0.0 \div 0.5$ dex, but for young stars it is 0.1 to $\div 0.1$ dex.

6. The division of giant stars in a vicinity of the Sun on two groups corresponds to their division into two age groups or on two star formation flashes located in time.

7. The processes of mixing in interstellar medium have been increased in the course of its evolution.

8. The most *impressive* result - the cool giant stars in the spectral region from G5 to K5 have masses statistically less then solar one, and consequently, the ages of these stars are compared with ages of globular clusters.

9. The kinematic and morphological characteristics of cool giants of oxygen sequence with different metallicities were determined.

10. The space velocities and their components were received.

11. The distribution of stars for various intervals of metallicities and for various intervals of space velocities was studied.

12. The stars with slow space velocities $V_{sp} < 60$ kms^{-1} (stars of Galactic disk) have maximum in distribution at [Fe/H] = - 0.2 dex.

13. The dependence of distribution of stars from metallicities with $V_{sp} > 60$ kms^{-1} is nearly constant.

More detailed procedure of definition of characteristics of cool giant stars is given in papers and monography (Korotina, Dragunova, Komarov, 1989; Korotina, Komarov, 1992; Komarov, Korotina, Shevchuk, 1996; Komarov, 1999).

Columns of the Table contain the following data: star number HD, V, Sp, T_{eff}, lg g, Fe/H, r - distance up to a star, M_V - absolute star magnitude, M_{Bol} - bolometric star magnitude, $L/L_\odot$ - luminousity, $R/R_\odot$ - radius, $M/M_\odot$ - mass.

Table. The catalogue of cool giants fundamental characteristics.

HD	V	Sp	T_{eff}	lgg	Fe/H	r (ps)	M_V	M_{Bol}	$L/L_\odot$	$R/R_\odot$	$M/M_\odot$
28	4.621	k1	4790	2.4	-0.23	55	0.91	0.45	52.5	10.2	0.973
360	5.990	g8	5020	2.7	-0.12	75	1.40	1.10	28.8	6.9	0.891
417	6.254	k0	4830	2.6	-0.41	95	1.35	1.02	31.0	7.7	0.883
448	5.570	g9	4820	2.4	-0.15	81	0.99	0.55	47.9	9.6	0.873
496	3.891	k0	4900	2.6	-0.16	33	1.30	0.91	34.4	7.9	0.921
587	5.847	g9	4870	2.5	-0.30	88	1.13	0.77	39.1	8.5	0.861
720	5.410	k5	4180	1.8	-0.17	101	0.39	-0.42	116.9	20.0	0.941
1187	5.645	k5	4310	1.7	0.01	130	0.08	-0.72	154.2	21.6	0.871
1227	6.123	g6	5050	2.8	-0.20	81	1.56	1.28	24.4	6.3	0.921
1367	6.189	g6	5070	2.7	-0.12	92	1.36	1.10	28.8	6.8	0.851
1419	6.073	k0	4880	2.5	-0.10	98	1.12	0.67	42.9	8.9	0.931
1522	3.555	k2	4670	2.1	0.09	40	0.53	-0.16	92.0	14.2	0.953
1635	5.391	k3	4310	1.8	-0.06	101	0.27	-0.53	129.4	19.8	0.923
1737	5.171	g8	5150	2.7	0.03	55	1.30	1.04	30.5	6.7	0.851
1796	6.262	k2	4540	2.0	-0.10	136	0.45	-0.22	97.3	15.5	0.891
2261	2.390	k0	4570	2.4	-0.47	17	1.19	0.69	42.1	10.1	0.941
2363	5.984	g8	4880	2.6	-0.14	85	1.32	0.92	34.0	7.9	0.931
2774	5.607	k2	4590	2.2	-0.15	92	0.79	0.20	66.1	12.5	0.923
2910	5.400	k0	4800	2.4	-0.11	75	1.00	0.50	50.1	9.9	0.923
2952	5.930	k0	4800	2.5	-0.24	88	1.19	0.74	40.2	8.9	0.932
3346	5.170	k5	3800	1.3	-0.13	103	-0.10	-1.08	214.8	32.8	0.803
3421	5.452	g5	4950	2.8	-0.46	58	1.64	1.39	22.1	6.2	0.901
3457	6.430	k4	4140	1.6	-0.26	190	0.04	-0.74	157.0	23.7	0.833
3546	4.347	g5	4970	2.8	-0.64	35	1.63	1.39	22.1	6.2	0.893
3627	3.295	k3	4640	1.8	0.22	43	0.08	-0.62	140.6	17.8	0.743
3712	2.267	k0	4950	2.5	0.17	15	1.07	0.56	47.4	9.1	0.973
3817	5.296	g8	5080	2.9	-0.25	54	1.64	1.43	21.3	5.8	0.993
3919	4.582	g8	4880	2.6	-0.31	45	1.32	0.97	32.5	7.7	0.891
4088	5.906	k2	4610	1.7	0.33	165	-0.18	-0.90	182.0	20.5	0.791
4128	2.044	k0	5000	2.6	0.01	15	1.22	0.85	36.3	7.8	0.903
4188	4.780	k0	4830	2.5	-0.23	52	1.16	0.73	40.6	8.8	0.923
4211	5.898	k1	5020	2.3	0.24	101	0.64	0.19	66.7	10.5	0.821
4526	5.983	g8	5020	2.7	-0.17	81	1.40	1.10	28.8	6.9	0.891
4585	5.705	k3	4400	1.8	0.00	127	0.19	-0.56	133.0	19.3	0.871
4656	4.445	k5	3930	1.4	-0.02	82	-0.14	-1.12	222.8	31.3	0.913
4730	5.590	k5	4310	1.7	-0.04	125	0.08	-0.72	154.2	21.6	0.871
4928	6.381	k0	4880	2.6	-0.21	94	1.32	0.92	34.0	7.9	0.931
5234	4.820	k2	4500	2.0	-0.10	69	0.58	-0.11	87.9	15.0	0.833
5384	5.874	k5	4000	1.2	0.08	186	-0.49	-1.54	328.1	36.6	0.793
5395	4.620	g8	4810	2.6	-0.49	45	1.37	1.02	31.0	7.8	0.901
5437	5.351	k4	3850	1.3	-0.14	125	-0.15	-1.11	220.8	32.4	0.783
5516	4.390	g8	5000	2.7	-0.21	39	1.41	1.10	28.8	7.0	0.901
5612	6.283	g5	5090	2.9	-0.24	81	1.72	1.52	19.6	5.5	0.901
5722	5.624	g7	4930	2.7	-0.34	65	1.47	1.21	26.1	6.8	0.861
5848	4.249	k2	4600	2.1	0.07	42	1.19	0.56	47.4	10.5	0.521
6186	4.274	k0	4860	2.7	-0.41	37	1.43	1.11	28.6	7.3	1.003
6192	6.100	g8	5010	2.8	-0.23	80	1.59	1.28	24.4	6.4	0.951
6203	5.403	k0	4740	2.4	-0.22	66	1.05	0.55	47.9	10.0	0.933
6245	5.378	g6	5010	2.7	-0.32	62	1.40	1.14	27.8	6.8	0.861
6386	6.025	k5	3830	1.4	-0.14	163	-0.04	-1.01	201.4	31.3	0.911
6482	6.115	k0	4810	2.5	-0.24	96	1.18	0.73	40.6	8.9	0.933
6497	6.415	k2	4580	2.0	-0.08	157	0.42	-0.22	97.3	15.2	0.863
6557	6.144	g7	4990	2.8	-0.28	75	1.61	1.34	23.1	6.2	0.921
6595	3.290	g8	5030	2.8	-0.33	22	1.58	1.39	22.1	6.0	0.851
6793	5.328	g5	5020	2.8	-0.39	55	1.59	1.39	22.1	6.0	0.851
6805	3.453	k3	4760	2.2	0.08	36	0.65	0.02	78.0	12.6	0.943
6860	6.758	k1	4520	2.4	-0.79	26	1.13	0.60	45.7	10.7	1.073

Table. (continued)

HD	V	Sp	Teff	lgg	Fe/H	r (ps)	MV	MBol	L/L☼	R/R☼	M/M☼
6976	6.409	k0	4840	2.4	-0.16	121	0.97	0.54	48.3	9.6	0.861
7014	5.964	k4	4070	1.5	0.01	151	-0.08	-1.00	199.5	27.6	0.891
7087	4.668	g8	4850	2.6	-0.20	48	1.24	0.66	43.3	9.0	1.213
7106	4.514	k0	4780	2.3	-0.08	55	0.82	0.31	59.7	10.9	0.893
7147	5.925	k4	4100	1.5	-0.10	161	-0.11	-1.01	201.4	27.3	0.883
7318	4.650	k0	4890	2.6	-0.10	46	1.31	0.87	35.6	8.1	0.973
8126	5.240	k5	4110	1.6	-0.10	107	0.07	-0.83	170.6	25.0	0.933
8207	4.883	k0	4790	2.4	-0.12	63	0.91	0.40	55.0	10.5	1.023
8491	4.710	k0	4830	2.5	-0.12	50	1.17	0.73	40.6	8.8	0.923
8512	3.626	k0	4730	2.4	-0.24	31	1.15	0.65	43.7	9.6	0.853
8651	5.409	k0	4690	2.4	-0.37	72	1.09	0.66	43.3	9.7	0.871
8705	4.901	k3	4370	1.9	-0.25	76	0.41	-0.30	104.7	17.3	0.893
8949	6.234	k1	4860	2.4	0.05	119	0.86	0.40	55.0	10.2	0.963
9053	3.460	k5	3760	1.4	-0.24	45	0.03	-0.92	185.4	31.2	0.911
9057	5.279	k0	4940	2.6	-0.13	63	1.26	0.91	34.4	7.8	0.893
9138	4.858	k4	4110	1.6	-0.18	87	0.16	-0.68	148.6	23.4	0.813
9228	5.922	k4	4170	1.7	-0.25	139	0.21	-0.56	133.0	21.5	0.861
9270	3.650	g8	5100	2.8	-0.10	26	1.44	1.14	27.8	6.6	1.013
9362	3.926	k0	4760	2.6	-0.50	32	1.41	1.03	30.8	7.9	0.931
9408	6.628	g8	4790	2.6	-0.43	110	1.39	1.03	30.8	7.8	0.913
9525	5.481	k0	4670	2.4	-0.49	75	1.10	0.66	43.3	9.8	0.891
9774	5.275	g8	4950	2.8	-0.21	55	1.54	1.24	25.4	6.7	1.043
9856	5.411	k2	4500	2.1	-0.09	85	0.67	-0.02	80.9	14.4	0.973
9927	3.560	k3	4520	2.0	0.10	41	0.47	-0.31	105.7	16.3	0.992
10072	5.023	g8	5060	2.9	-0.30	46	1.66	1.43	21.3	5.8	1.003
10348	5.966	k0	4830	2.5	-0.22	90	1.16	0.73	40.6	8.8	0.921
10380	4.467	k3	4150	1.7	-0.13	71	0.22	-0.61	139.3	22.2	0.923
10537	5.255	k0	4780	2.4	-0.32	69	1.01	0.59	46.1	9.6	0.861
10550	4.999	k3	4480	1.9	0.11	75	0.32	-0.48	123.6	17.9	0.953
10761	4.285	k0	4960	2.6	-0.20	40	1.25	0.91	34.4	7.7	0.883
10824	5.378	k5	3840	1.4	-0.12	121	-0.05	-1.07	212.8	32.0	0.963
10975	5.966	k0	4820	2.6	-0.38	87	1.27	0.93	33.7	8.1	0.973
11025	5.672	k0	4900	2.6	-0.38	75	1.30	1.01	31.3	7.5	0.841
11353	3.726	k2	4680	2.3	-0.13	37	0.91	0.38	56.0	11.1	0.911
11559	4.622	k0	5040	2.7	-0.09	46	1.28	0.95	33.1	7.3	1.003
11613	6.270	k2	4510	1.9	0.05	151	0.38	-0.31	105.7	16.4	0.793
11749	5.709	k0	4720	2.5	-0.29	80	1.16	0.70	41.7	9.4	1.033
11930	4.905	k4	4050	1.5	-0.09	98	-0.06	-0.98	195.9	27.6	0.901
11977	4.680	g8	4850	2.7	-0.49	42	1.53	1.21	26.1	7.0	0.921
12296	5.558	k1	4830	2.5	-0.14	75	1.16	0.73	40.6	8.8	0.921
12339	5.222	g8	4980	2.8	-0.22	55	1.53	1.20	26.3	6.7	1.053
12438	5.340	g5	4930	2.8	-0.63	54	1.66	1.40	21.9	6.2	0.911
12477	6.080	k2	4690	2.2	0.02	118	0.71	0.14	69.8	12.3	0.891
12524	5.140	k5	4010	1.4	0.01	116	-0.21	-1.15	229.1	30.5	0.871
12642	5.615	k5	4000	1.4	0.11	137	-0.20	-1.25	251.2	32.1	0.961
12929	2.000	k2	4630	2.3	-0.14	17	0.86	0.29	60.8	11.8	1.033
13468	5.946	g9	4880	2.7	-0.32	76	1.51	1.16	27.3	7.1	0.941
13520	4.840	k4	4040	1.5	-0.06	88	-0.05	-0.98	195.9	27.8	0.902
13530	5.323	k0	5040	2.7	-0.21	61	1.38	1.09	29.1	6.9	0.883
13940	5.898	g9	4910	2.7	-0.29	75	1.48	1.15	27.5	7.0	0.921
14129	5.492	g8	5030	2.6	-0.10	71	1.20	0.86	36.0	7.7	0.871
14641	5.799	k5	3880	1.3	-0.04	156	-0.28	-1.28	258.2	34.5	0.881
14770	5.196	g8	4900	2.6	-0.24	59	1.30	0.91	34.4	7.9	0.923
14872	4.743	k4	3840	1.3	-0.07	100	-0.24	-1.25	251.2	34.8	0.903
15220	5.879	k2	4700	2.0	0.21	129	0.32	-0.35	109.6	15.3	0.871
15248	6.000	k1	4780	2.3	-0.07	107	0.82	0.30	60.3	11.0	0.901
15453	6.087	k0	4810	2.4	-0.24	105	0.99	0.54	48.3	9.7	0.881
15596	6.238	k0	4890	2.7	-0.66	92	1.41	1.11	28.6	7.2	0.973

Table. (continued)

HD	V	Sp	Teff	lgg	Fe/H	r (ps)	MV	MBol	L/L☼	R/R☼	M/M☼
15656	5.179	k5	3960	1.4	-0.06	116	-0.16	-1.12	222.8	30.8	0.893
15694	5.280	k3	4390	1.9	-0.08	94	0.39	-0.36	110.7	17.7	0.923
15920	5.184	g8	5050	2.8	-0.28	52	1.57	1.34	23.1	6.1	0.873
15975	5.886	k0	4930	2.4	0.03	99	0.90	0.48	51.1	9.5	0.841
16074	5.740	k4	4170	1.6	-0.04	139	0.02	-0.85	173.8	24.5	0.891
16247	5.825	k0	4850	2.5	-0.22	81	1.15	0.73	40.6	8.8	0.901
16975	5.979	g5	5040	2.7	-0.22	82	1.38	1.09	29.1	6.9	0.881
17361	4.533	k1	4770	2.3	-0.04	55	0.84	0.31	59.7	11.0	0.903
17652	4.452	g8	4810	2.7	-0.44	37	1.56	1.21	26.1	7.1	0.951
17824	4.757	k0	5040	2.8	-0.26	42	1.57	1.33	23.3	6.2	0.891
17829	5.468	k5	4320	2.0	-0.20	92	0.64	-0.10	87.1	16.2	0.971
18322	3.903	k1	4670	2.4	-0.23	39	1.00	0.46	52.0	10.7	1.073
18449	4.957	k2	4440	2.1	-0.15	71	0.72	0.05	75.9	14.3	0.963
18970	4.776	g9	4840	2.6	-0.20	50	1.25	0.82	37.3	8.4	1.053
19476	3.803	k0	5040	2.6	-0.03	33	1.19	0.85	36.3	7.7	0.873
19525	6.290	g9	4930	2.6	-0.14	92	1.28	0.92	34.0	7.8	0.891
19637	6.043	k3	4300	1.8	-0.22	136	0.37	-0.38	112.7	18.6	0.813
19656	4.600	k1	4740	2.4	-0.09	50	1.05	0.50	50.1	10.2	0.973
19735	6.322	k5	4040	1.4	-0.13	196	-0.14	-1.02	203.2	28.3	0.753
19787	4.350	k2	4870	2.4	-0.12	48	0.94	0.48	51.1	9.7	0.892
20084	5.625	g8	4930	2.9	-0.64	57	1.85	1.58	18.5	5.7	0.971
20610	4.868	g6	4970	2.7	-0.36	48	1.44	1.20	26.3	6.7	0.841
20644	4.497	k4	4020	1.5	-0.07	65	-0.03	-0.97	194.1	27.9	0.913
20791	5.692	g8	5040	2.7	-0.11	72	1.38	1.04	30.5	7.0	0.921
20893	5.114	k3	4330	1.9	-0.31	82	0.44	-0.24	99.1	17.2	0.871
20894	5.477	g5	5030	2.8	-0.32	59	1.58	1.39	22.1	6.0	0.853
21120	3.638	g6	5070	2.9	-0.23	25	1.64	1.38	22.3	5.9	1.043
21530	5.726	k2	4930	2.4	0.12	92	0.90	0.38	56.0	10.0	0.931
21552	4.357	k3	4130	1.7	-0.16	66	0.24	-0.60	138.0	22.3	0.933
21754	4.110	k0	4900	2.6	0.00	35	1.21	0.77	39.1	8.4	1.053
22231	5.680	k3	4820	2.4	-0.02	87	0.98	0.49	50.6	9.9	0.921
22409	5.570	g8	4910	2.8	-0.46	59	1.67	1.39	22.1	6.3	0.931
22663	4.570	k0	4670	2.3	-0.46	54	0.91	0.47	51.5	10.7	0.841
22676	5.685	k0	4950	2.6	-0.32	76	1.26	0.96	32.8	7.6	0.851
22796	5.564	g6	5000	2.8	-0.24	62	1.60	1.34	23.1	6.2	0.911
23183	6.145	k0	4790	2.6	-0.39	88	1.39	1.03	30.8	7.8	0.911
23319	4.582	k2	4850	2.1	0.26	69	0.39	-0.18	93.8	13.3	0.831
23413	5.576	k4	4190	1.5	0.05	143	-0.20	-1.06	210.9	26.8	0.841
23526	5.925	g9	4820	2.6	-0.34	81	1.36	1.02	31.0	7.8	0.891
23719	5.709	g8	5020	2.6	-0.11	78	1.21	0.91	34.4	7.5	0.841
23887	5.926	k3	4570	2.0	0.01	125	0.43	-0.22	97.3	15.3	0.871
24160	4.160	g5	5220	2.8	-0.01	33	1.44	1.24	25.4	6.0	0.841
24706	5.925	k3	4640	2.0	0.11	129	0.37	-0.34	108.6	15.7	0.911
25069	5.828	g9	4970	2.5	-0.08	90	1.06	0.67	42.9	8.6	0.861
25165	5.604	k5	3940	1.4	-0.10	142	-0.15	-1.12	222.8	31.1	0.901
25604	4.368	k0	4960	2.5	0.01	48	1.01	0.58	46.6	9.0	0.953
25723	5.619	k0	4780	2.4	-0.14	84	1.01	0.54	48.3	9.8	0.901
25728	4.966	k4	4140	1.5	-0.02	105	-0.14	-1.02	203.2	26.9	0.851
25975	6.090	k1	5000	2.6	-0.21	93	1.22	0.91	34.4	7.6	0.852
26162	5.524	k2	4840	2.4	-0.04	80	0.97	0.49	50.6	9.8	0.901
26409	5.449	g6	5040	2.7	-0.14	65	1.38	1.09	29.1	6.9	0.881
26967	3.846	k1	4760	2.3	-0.11	37	0.84	0.36	57.0	10.8	0.861
27022	5.266	g5	5220	3.0	-0.24	50	1.72	1.62	17.9	5.0	0.943
27348	4.928	g9	5070	2.7	-0.12	52	1.36	1.09	29.1	6.8	0.863
27371	3.655	k0	5050	2.6	-0.04	31	1.18	0.85	36.3	7.6	0.863
27382	4.950	k1	4580	2.3	-0.30	59	0.89	0.35	57.5	11.7	1.023
27497	5.766	g6	5060	2.7	-0.15	75	1.37	1.10	28.8	6.8	0.861
27588	5.330	k1	4730	2.4	-0.20	71	1.05	0.55	47.9	10.0	0.931

Table. (continued)

HD	V	Sp	Teff	lgg	Fe/H	r (ps)	MV	MBol	L/L☼	R/R☼	M/M☼
27697	3.773	k0	5070	2.7	0.00	32	1.26	0.94	33.4	7.3	0.993
27971	5.303	k1	5030	2.7	-0.08	63	1.29	0.95	33.1	7.4	1.013
28093	5.234	g7	4950	2.7	-0.27	59	1.36	1.06	29.9	7.2	0.971
28100	4.700	g7	4960	2.8	-0.22	42	1.54	1.19	26.5	6.8	1.083
28191	6.235	k1	4770	2.4	-0.13	110	1.02	0.55	47.9	9.8	0.901
28292	4.991	k2	4630	2.2	-0.14	69	0.76	0.20	66.1	12.3	0.893
28305	3.545	g9	5050	2.6	0.05	29	1.18	0.85	36.3	7.6	0.863
28307	3.859	k0	5100	2.7	-0.03	33	1.24	0.95	33.1	7.2	0.953
28322	6.153	g9	4800	2.6	-0.30	90	1.38	0.98	32.2	8.0	0.941
28413	5.942	k5	3950	1.4	-0.01	158	-0.16	-1.13	224.9	31.1	0.901
28749	4.900	k0	4190	1.9	-0.27	72	0.57	-0.19	94.6	17.9	0.953
29065	5.243	k4	3960	1.4	-0.10	116	-0.07	-1.04	207.0	29.7	0.823
29085	4.507	k0	4860	2.6	-0.34	42	1.33	0.97	32.5	7.8	0.901
29139	0.860	k5	3860	1.3	-0.03	17	-0.26	-1.27	255.9	34.7	0.893
29291	3.810	k0	4980	2.7	-0.19	30	1.43	1.10	28.8	7.0	0.911
29503	3.860	k2	4700	2.3	-0.20	39	0.89	0.37	56.5	11.0	0.901
29737	5.563	g6	4840	2.7	-0.56	63	1.54	1.21	26.1	7.1	0.931
30185	5.296	g8	4890	2.6	-0.27	63	1.31	0.97	32.5	7.7	0.881
30504	4.880	k4	3960	1.5	-0.18	93	0.02	-0.90	182.0	27.8	0.913
30814	5.025	k0	4920	2.6	-0.15	55	1.28	0.91	34.4	7.8	0.913
30834	4.875	k4	4010	1.7	-0.36	76	0.40	-0.46	121.3	22.2	0.923
31312	6.031	k5	3960	1.4	0.00	162	-0.17	-1.13	224.9	30.9	0.893
31414	5.705	g9	5060	2.8	-0.13	66	1.56	1.29	24.2	6.2	0.911
31421	4.086	k2	4510	2.1	-0.25	45	0.76	0.18	67.3	13.1	0.803
32393	5.856	k3	4770	2.0	0.22	131	0.26	-0.36	110.7	15.0	0.831
32436	5.019	k0	4890	2.4	-0.02	66	0.93	0.49	50.6	9.6	0.861
32440	5.468	k5	3750	1.3	-0.28	132	-0.15	-1.10	218.8	34.0	0.861
32887	3.199	k5	3990	1.4	-0.04	48	-0.19	-1.14	227.0	30.6	0.881
33285	5.296	k0	4900	2.7	-0.20	58	1.49	1.10	28.8	7.2	0.981
33554	5.195	k5	3940	1.3	-0.01	125	-0.34	-1.31	265.5	34.0	0.863
33833	5.904	g7	5000	2.7	-0.18	78	1.41	1.10	28.8	7.0	0.901
34043	5.500	k4	4140	1.7	-0.18	112	0.23	-0.60	138.0	22.2	0.921
34172	5.827	g8	5030	2.7	-0.21	76	1.39	1.10	28.8	6.9	0.881
34266	5.741	g8	4890	2.6	-0.20	76	1.31	0.92	34.0	7.9	0.921
34334	4.570	k3	4250	1.8	-0.39	67	0.42	-0.26	100.9	18.0	0.763
34538	5.486	g9	4840	2.6	-0.52	66	1.35	1.02	31.0	7.7	0.881
34559	4.970	g8	5030	2.7	-0.18	54	1.29	1.00	31.6	7.2	0.963
34649	4.820	k2	4330	2.0	-0.15	69	0.63	-0.11	87.9	16.2	0.971
35186	5.030	k4	4260	1.6	0.20	99	-0.06	-0.98	195.9	25.0	0.922
35295	6.550	k1	5020	2.4	0.32	145	0.73	0.28	61.4	10.1	0.943
35369	4.149	g8	4860	2.7	-0.41	35	1.43	1.11	28.6	7.3	1.003
35410	5.088	k0	4860	2.7	-0.39	54	1.42	1.11	28.6	7.3	1.003
35536	5.602	k5	3990	1.4	0.00	134	-0.19	-1.14	227.0	30.6	0.881
35620	5.110	k3	4290	1.6	0.18	105	0.00	-0.91	183.7	23.8	0.843
35991	6.073	k0	4950	2.5	-0.01	100	1.07	0.67	42.9	8.6	0.881
36079	2.824	g5	5150	3.0	-0.36	16	1.77	1.66	17.2	5.1	0.953
36597	3.865	k0	4660	2.3	-0.13	39	1.25	0.38	56.0	11.2	0.921
36848	5.458	k2	4800	2.0	0.31	110	0.24	-0.36	110.7	14.8	0.811
36874	5.757	k0	4970	2.4	0.05	88	0.86	0.47	51.5	9.4	0.831
37160	4.090	g8	4800	2.6	-0.61	34	1.37	1.02	31.0	7.8	0.913
37601	6.063	k0	4970	2.6	-0.22	90	1.24	0.90	34.7	7.7	0.881
37763	5.184	k4	4900	2.1	0.18	90	0.35	-0.18	93.8	13.1	0.801
37811	5.451	k0	5060	2.8	-0.20	59	1.56	1.29	24.2	6.2	0.911
37984	4.900	k1	4660	2.4	-0.24	54	1.02	0.52	49.2	10.5	1.023
38656	4.517	g8	4960	2.7	-0.30	42	1.44	1.15	27.5	6.9	0.893
39853	5.638	k5	3780	1.4	-0.21	134	0.01	-0.98	195.9	31.7	0.943
40035	3.757	k0	4860	2.6	-0.21	32	1.23	0.82	37.3	8.4	1.043
40409	4.657	k0	4920	2.4	-0.01	55	0.90	0.48	51.1	9.6	0.851

Table. (continued)

HD	V	Sp	Teff	lgg	Fe/H	r (ps)	MV	MBol	L/L☼	R/R☼	M/M☼
40657	4.520	k2	4350	2.0	-0.39	58	0.71	0.08	73.8	14.7	0.803
40801	6.108	k0	4830	2.5	-0.32	93	1.26	0.88	35.3	8.2	0.803
40808	3.959	k0	4680	2.4	-0.13	37	1.10	0.57	47.0	10.1	0.961
41047	5.550	k5	4030	1.4	0.08	130	-0.23	-1.26	253.5	31.7	0.941
41312	5.040	k3	4110	1.7	-0.33	90	0.26	-0.54	130.6	21.9	0.893
41636	6.360	k0	4780	2.4	-0.26	111	1.11	0.69	42.1	9.2	0.793
41927	5.330	k2	4460	2.0	0.11	88	0.52	-0.29	103.8	16.6	1.022
42621	5.720	k1	4850	2.4	-0.04	90	0.96	0.49	50.6	9.8	0.891
42633	5.378	k3	4180	1.6	-0.18	114	0.00	-0.81	167.5	24.0	0.851
43023	5.830	g7	4940	2.7	-0.35	75	1.46	1.20	26.3	6.8	0.861
43039	4.344	g8	4730	2.5	-0.42	40	1.34	0.94	33.4	8.4	0.823
43232	3.994	k3	4210	2.0	-0.22	45	0.74	-0.05	83.2	16.7	1.033
43261	6.092	g5	5010	2.8	-0.30	80	1.59	1.33	23.3	6.2	0.911
43380	6.349	k2	4760	2.3	-0.03	131	0.75	0.22	64.9	11.5	0.983
43785	4.380	g8	5090	2.7	0.02	41	1.34	1.04	30.5	6.9	0.891
43827	5.159	k3	4360	1.9	-0.12	85	0.51	-0.26	100.9	17.1	0.863
43899	5.550	k1	4820	2.4	-0.01	78	0.98	0.49	50.6	9.9	0.921
43993	5.380	k1	4580	2.2	-0.01	82	0.70	0.06	75.2	13.4	1.053
44951	5.222	k3	4360	2.0	-0.27	80	0.70	0.03	77.3	15.0	0.833
45018	5.600	k5	3880	1.4	-0.05	131	-0.09	-1.09	216.8	31.7	0.931
45415	5.550	g9	4970	2.6	-0.11	69	1.24	0.90	34.7	7.7	0.881
45512	6.170	k0	4660	2.3	-0.37	102	0.92	0.48	51.1	10.6	0.841
45669	5.557	k5	3900	1.3	-0.07	147	-0.30	-1.29	260.6	34.3	0.871
46178	6.074	k0	4960	2.4	0.06	110	0.87	0.48	51.1	9.4	0.821
46184	5.171	k3	4500	2.0	0.04	87	0.48	-0.21	96.4	15.7	0.913
46241	5.859	k0	4900	2.7	-0.23	75	1.49	1.10	28.8	7.2	0.981
46374	5.577	k2	4780	2.4	-0.07	85	0.82	0.40	55.0	10.5	1.031
46568	5.260	g8	4910	2.7	-0.32	55	1.48	1.15	27.5	7.0	0.921
46709	5.910	k5	3860	1.4	-0.16	156	-0.07	-1.03	205.1	31.1	0.901
47070	5.720	k5	4220	1.7	-0.04	129	0.16	-0.68	148.6	22.2	0.913
47174	4.790	k3	4480	2.1	-0.09	66	0.69	-0.01	80.2	14.4	0.973
47205	3.961	k1	5030	2.4	0.13	43	0.73	0.28	61.4	10.0	0.943
47442	4.420	k1	4710	2.3	-0.05	50	0.88	0.32	59.2	11.2	0.932
47667	4.810	k3	4450	2.0	0.10	55	0.43	-0.39	113.8	17.4	1.133
48781	5.210	k1	4790	2.4	-0.05	65	1.01	0.50	50.1	10.0	0.933
49161	4.780	k4	4210	1.6	0.04	90	-0.02	-0.97	194.1	25.4	0.963
49293	4.493	k0	4760	2.4	-0.07	50	0.94	0.41	54.5	10.5	1.043
49520	5.014	k3	4510	2.0	0.00	80	0.48	-0.21	96.4	15.6	0.913
49738	5.700	k3	4310	1.9	-0.05	110	0.46	-0.34	108.6	18.2	0.971
49878	4.540	k4	4380	1.5	0.20	94	-0.36	-1.22	244.3	26.4	0.822
50310	2.945	k0	4590	2.2	-0.06	27	0.79	0.15	69.2	12.8	0.961
50371	6.296	g9	5070	2.7	-0.05	96	1.36	1.04	30.5	7.0	0.901
50778	4.080	k4	3980	1.5	-0.20	65	0.00	-0.91	183.7	27.7	0.902
51440	5.990	k2	4410	2.2	-0.44	94	0.94	0.35	57.5	12.6	0.942
52960	5.143	k3	4330	1.8	0.03	90	0.16	-0.68	148.6	21.0	1.043
52976	6.020	k5	3880	1.4	-0.04	156	-0.09	-1.09	216.8	31.7	0.931
53501	5.181	k4	4170	1.6	-0.04	107	0.02	-0.85	173.8	24.5	0.891
54716	4.926	k4	4030	1.5	-0.03	93	0.05	-0.88	178.6	26.6	0.833
54719	4.390	k2	4540	2.1	0.09	55	0.64	-0.02	80.9	14.1	0.933
54810	4.928	k0	4760	2.5	-0.40	57	1.13	0.75	39.8	9.0	0.953
55070	5.480	g7	5060	2.7	-0.10	59	1.37	1.05	30.2	6.9	0.901
55280	5.223	k2	4820	2.4	-0.06	74	0.89	0.40	55.0	10.3	1.003
55865	3.779	g8	4860	2.5	-0.17	34	1.14	0.73	40.6	8.7	0.891
56813	5.650	k5	4240	1.6	0.13	137	-0.05	-0.98	195.9	25.2	0.941
57423	5.120	k5	3910	1.3	0.01	121	-0.31	-1.30	263.0	34.3	0.871
57669	5.217	k0	4880	2.5	0.13	52	1.12	0.57	47.0	9.3	1.023
57727	5.022	g8	5000	2.8	-0.33	50	1.50	1.29	24.2	6.4	0.953
58207	3.800	k0	4810	2.6	-0.26	32	1.28	0.68	42.5	9.1	1.233

Table. (continued)

HD	V	Sp	Teff	lgg	Fe/H	r (ps)	MV	MBol	L/L☼	R/R☼	M/M☼
58367	4.990	g8	4960	2.7	-0.16	50	1.35	1.01	31.3	7.4	1.013
58972	4.300	k3	4220	1.7	-0.18	55	0.25	-0.59	136.8	21.3	0.843
59148	5.040	k2	4940	2.4	0.17	67	0.89	0.38	56.0	9.9	0.922
59294	4.550	k2	4560	2.2	-0.05	45	0.91	0.26	62.5	12.3	0.893
59686	5.462	k2	4780	2.3	0.00	84	0.83	0.31	59.7	10.9	0.893
59717	3.277	k5	3770	1.3	-0.23	49	-0.17	-1.16	231.2	34.6	0.891
60318	5.390	k0	4960	2.6	-0.07	69	1.16	0.77	39.1	8.2	1.003
60341	5.650	k3	4820	2.3	0.04	93	0.79	0.30	60.3	10.8	0.871
61294	5.770	k5	3940	1.4	0.05	134	-0.15	-1.22	244.3	32.6	0.991
61935	3.945	k0	4860	2.5	-0.16	36	1.14	0.73	40.6	8.7	0.893
62285	5.333	k5	3900	1.3	-0.02	130	-0.30	-1.29	260.6	34.3	0.873
62345	3.586	g8	5030	2.8	-0.17	26	1.48	1.19	26.5	6.6	1.023
62412	5.640	g8	4900	2.6	-0.23	74	1.30	0.96	32.8	7.7	0.881
62509	1.161	k0	4950	2.6	-0.10	10	1.26	0.86	36.0	7.9	0.933
62721	4.870	k5	3960	1.4	-0.17	100	-0.16	-1.08	214.8	30.2	0.852
62902	5.504	k5	4330	1.5	0.17	140	-0.22	-1.11	220.8	25.6	0.773
63295	3.940	k0	4820	2.5	-0.24	36	1.17	0.78	38.7	8.7	0.881
63697	5.176	k3	4500	1.8	0.14	103	0.10	-0.69	150.0	19.6	0.903
63744	4.710	k0	4800	2.5	-0.20	50	1.19	0.74	40.2	8.9	0.931
63799	6.180	k1	4700	2.3	-0.18	114	0.89	0.37	56.5	11.0	0.903
64152	5.600	g8	5030	2.6	-0.17	75	1.20	0.91	34.4	7.5	0.831
64307	5.374	k3	4200	1.6	0.00	106	0.08	-0.77	161.4	23.3	0.803
64938	6.158	g8	4980	2.7	-0.15	88	1.43	1.10	28.8	7.0	0.911
65273	5.630	k4	4530	1.8	0.17	129	0.08	-0.69	150.0	19.3	0.871
65345	5.316	k0	5040	2.7	-0.18	61	1.38	1.10	28.8	6.8	0.873
65685	5.140	k4	4640	2.0	0.18	90	0.37	-0.34	108.6	15.7	0.911
65695	4.930	k2	4480	2.2	-0.20	66	0.79	0.23	64.3	12.9	0.983
65953	4.680	k4	3980	1.4	-0.14	85	-0.18	-1.09	216.8	30.1	0.842
66141	4.380	k2	4320	1.9	-0.26	58	0.55	-0.14	90.4	16.5	0.803
66216	4.980	k2	4690	2.3	-0.10	59	0.90	0.32	59.2	11.3	0.952
68290	4.710	k0	5010	2.7	-0.17	48	1.31	0.96	32.8	7.4	1.023
68312	5.358	g8	5030	2.8	-0.29	59	1.48	1.24	25.4	6.4	0.973
69478	6.287	g8	4940	2.6	-0.21	101	1.27	0.91	34.4	7.8	0.891
70272	4.260	k5	3810	1.3	-0.07	78	-0.21	-1.25	251.2	35.3	0.933
70523	5.724	k1	4670	2.4	-0.35	84	1.10	0.66	43.3	9.8	0.893
70673	6.140	k0	4860	2.6	-0.26	92	1.33	0.97	32.5	7.8	0.901
71093	5.580	k5	4190	1.6	0.02	131	0.00	-0.86	175.4	24.4	0.882
71176	5.325	k5	3960	1.4	-0.02	125	-0.16	-1.12	222.8	30.8	0.891
71369	3.360	g5	5140	3.0	-0.30	21	1.88	1.72	16.3	4.9	0.912
71377	5.534	k2	4590	2.1	-0.12	93	0.69	0.10	72.4	13.1	0.803
71701	4.350	k0	4790	2.2	0.10	55	0.63	0.02	78.0	12.5	0.911
71878	3.781	k2	4750	2.2	-0.02	42	0.66	0.12	71.1	12.1	0.861
71952	6.246	k0	4870	2.4	-0.19	114	0.94	0.54	48.3	9.5	0.841
72094	5.364	k5	3900	1.3	0.05	136	-0.30	-1.34	272.9	35.1	0.921
72184	5.891	k3	4920	2.2	0.15	119	0.52	0.00	79.4	11.9	0.843
72292	5.362	k3	4570	1.9	0.10	100	0.33	-0.42	116.9	16.8	0.833
72324	6.353	g9	4980	2.6	-0.03	105	1.24	0.86	36.0	7.8	0.913
72908	6.346	g9	4850	2.5	-0.18	109	1.15	0.73	40.6	8.8	0.901
73108	4.610	k2	4480	2.1	-0.25	58	0.79	0.18	67.3	13.2	0.823
73471	4.447	k2	4670	2.2	0.08	55	0.72	0.03	77.3	13.0	1.003
73599	6.456	k1	4790	2.4	-0.10	123	1.01	0.50	50.1	10.0	0.931
73665	6.397	k0	5130	2.7	0.06	107	1.22	0.85	36.3	7.4	1.023
73710	6.440	k0	4990	2.6	-0.02	110	1.23	0.86	36.0	7.8	0.903
73840	4.978	k4	4090	1.6	-0.08	90	0.09	-0.82	169.0	25.2	0.943
73887	5.460	k0	4870	2.5	-0.19	72	1.13	0.72	40.9	8.7	0.901
74006	3.976	g4	5020	2.8	-0.23	30	1.59	1.29	24.2	6.3	0.941
74137	4.876	k1	4760	2.4	-0.23	59	1.03	0.55	47.9	9.9	0.913
74442	3.958	k0	4740	2.4	-0.17	37	1.05	0.56	47.4	9.9	0.923

Table. (continued)

HD	V	Sp	Teff	lgg	Fe/H	r (ps)	MV	MBol	L/L☼	R/R☼	M/M☼
74485	6.140	g5	5040	2.8	-0.27	78	1.57	1.33	23.3	6.2	0.891
74739	4.060	g8	4910	2.7	-0.19	33	1.48	1.10	28.8	7.2	0.973
74918	4.321	g8	5020	2.8	-0.32	36	1.59	1.34	23.1	6.2	0.891
75506	5.163	k0	4850	2.7	-0.42	55	1.43	1.11	28.6	7.4	1.013
75691	4.025	k4	4380	1.8	-0.11	58	0.21	-0.55	131.8	19.4	0.881
76219	5.272	g8	4880	2.6	-0.19	59	1.41	1.01	31.3	7.6	0.863
76291	5.718	k1	4720	2.2	-0.11	102	0.68	0.12	71.1	12.3	0.881
76294	3.128	k0	4910	2.6	-0.18	23	1.29	0.91	34.4	7.9	0.923
76351	5.465	k5	4000	1.6	-0.12	114	0.18	-0.72	154.2	25.1	0.931
76629	6.193	g8	4910	2.6	-0.22	95	1.29	0.91	34.4	7.9	0.921
76813	5.252	g9	5030	2.8	-0.24	57	1.48	1.24	25.4	6.4	0.973
77250	6.088	k1	4870	2.4	0.00	106	0.94	0.48	51.1	9.7	0.893
77353	5.640	k0	4880	2.5	-0.04	69	1.12	0.67	42.9	8.9	0.931
77445	5.846	k3	4690	2.4	-0.21	88	1.09	0.56	47.4	10.1	0.961
77800	5.140	k5	3920	1.4	-0.02	112	-0.13	-1.11	220.8	31.3	0.912
77996	4.984	k2	4700	2.3	0.03	63	0.80	0.22	64.9	11.8	1.033
78004	3.754	k2	4660	2.2	0.00	40	0.73	0.14	69.8	12.5	0.911
78235	5.435	g8	5080	2.8	-0.24	59	1.54	1.28	24.4	6.2	0.903
78515	5.180	k0	5100	2.7	0.00	61	1.24	0.93	33.7	7.2	0.973
78633	6.524	g8	4980	2.6	-0.18	114	1.24	0.91	34.4	7.6	0.871
79181	5.731	g9	4830	2.6	-0.42	75	1.35	1.02	31.0	7.7	0.881
79354	5.280	k5	3890	1.4	-0.05	110	-0.09	-1.09	216.8	31.5	0.933
79846	5.260	k0	4940	2.7	-0.18	58	1.46	1.10	28.8	7.1	0.941
79910	5.240	k2	4620	2.1	-0.06	81	0.67	0.05	75.9	13.2	0.823
79917	4.920	k2	4840	2.3	0.02	66	0.78	0.30	60.3	10.7	0.851
80499	4.779	g8	5070	2.8	-0.15	45	1.45	1.18	26.8	6.5	1.003
80586	4.808	g8	5040	2.7	-0.20	48	1.38	1.09	29.1	6.9	0.883
80956	6.412	g5	4960	2.8	-0.52	90	1.63	1.39	22.1	6.2	0.901
81146	4.460	k2	4530	2.0	-0.03	63	0.46	-0.21	96.4	15.5	0.893
81169	4.720	g7	5010	2.8	-0.32	42	1.59	1.33	23.3	6.2	0.911
81420	5.605	k5	3750	1.4	-0.28	130	0.04	-0.91	183.7	31.2	0.911
81567	6.006	k3	4350	1.9	-0.06	131	0.42	-0.35	109.6	17.9	0.951
81797	2.016	k4	4190	1.7	0.03	22	0.19	-0.67	147.2	22.4	0.933
81799	4.720	k3	4750	2.1	0.04	71	0.47	-0.07	84.7	13.2	0.821
81817	4.281	k3	4320	1.8	-0.01	50	0.26	-0.53	129.4	19.7	0.911
82150	4.499	k4	3950	1.6	-0.27	71	0.22	-0.65	144.5	24.9	0.921
82232	5.862	k3	4670	2.0	0.07	127	0.34	-0.35	109.6	15.5	0.901
82308	4.321	k5	3810	1.5	-0.07	71	-0.21	-1.24	248.9	35.2	1.453
82350	5.467	k2	4810	2.3	-0.10	85	0.80	0.30	60.3	10.9	0.871
82381	5.065	k3	4320	1.9	-0.06	75	0.46	-0.33	107.6	18.0	0.963
82395	4.987	k0	4790	2.5	-0.21	57	1.20	0.74	40.2	8.9	0.943
82635	4.584	g8	5040	2.7	-0.24	42	1.48	1.24	25.4	6.4	0.773
82741	4.815	k0	4810	2.6	-0.36	49	1.37	1.03	30.8	7.8	0.893
83240	5.000	k1	4780	2.4	-0.24	50	1.11	0.64	44.1	9.4	0.823
83332	5.690	k1	4840	2.4	-0.01	85	0.97	0.49	50.6	9.8	0.901
83425	4.686	k3	4190	1.7	-0.21	75	0.29	-0.52	128.2	20.9	0.813
83506	5.174	k0	4970	2.6	-0.02	63	1.15	0.76	39.4	8.2	1.003
83618	3.911	k3	4280	1.9	-0.12	50	0.39	-0.37	111.7	18.7	1.033
83805	5.628	g8	5020	2.7	-0.16	69	1.40	1.10	28.8	6.9	0.893
84561	5.678	k4	4110	1.6	-0.07	116	0.07	-0.83	170.6	25.0	0.931
85444	4.100	g8	5010	2.7	-0.19	35	1.40	1.09	29.1	7.0	0.902
85503	3.896	k2	4770	2.0	0.32	52	0.26	-0.35	109.6	14.9	0.823
85505	6.345	g9	4960	2.7	-0.30	95	1.44	1.15	27.5	6.9	0.891
85859	4.878	k3	4520	2.0	-0.03	75	0.47	-0.21	96.4	15.6	0.903
85945	5.963	g8	5050	2.7	-0.28	82	1.37	1.14	27.8	6.7	0.831
86080	5.857	k2	4490	2.3	-0.42	90	1.06	0.51	49.7	11.3	0.951
86369	6.040	k3	4370	1.8	-0.02	134	0.22	-0.54	130.6	19.4	0.881
87808	5.594	k5	4070	1.4	0.08	149	-0.27	-1.28	258.2	31.4	0.921

Table. (continued)

HD	V	Sp	Teff	lgg	Fe/H	r (ps)	MV	MBol	L/L☼	R/R☼	M/M☼
87837	4.370	k4	4100	1.4	0.03	81	-0.20	-1.10	218.8	28.5	0.763
88284	3.610	k0	5100	2.6	0.09	31	1.15	0.76	39.4	7.8	0.903
88323	5.270	g9	5010	2.6	-0.13	65	1.21	0.90	34.7	7.6	0.851
89962	6.076	k3	4860	2.2	0.08	125	0.57	0.01	78.7	12.2	0.871
89998	4.826	k1	4890	2.4	0.08	59	0.93	0.39	55.5	10.1	0.951
90125	6.320	k0	4780	2.5	-0.42	106	1.20	0.83	37.0	8.6	0.871
90432	3.829	k4	4050	1.4	0.04	66	-0.25	-1.18	235.5	30.3	0.863
90518	6.138	k1	4790	2.3	0.02	110	0.82	0.31	59.7	10.9	0.881
90537	4.210	g9	5020	2.7	-0.30	36	1.40	1.15	27.5	6.7	0.851
91190	4.877	k0	5040	2.7	-0.13	50	1.38	1.04	30.5	7.0	0.923
91504	5.023	k4	4400	2.2	-1.10	65	0.95	0.35	57.5	12.7	0.951
91612	5.102	g8	4920	2.8	-0.43	50	1.56	1.29	24.2	6.6	1.013
92095	5.539	k3	4400	2.0	-0.07	98	0.57	-0.18	93.8	16.2	0.973
92214	4.893	k0	5030	2.7	-0.21	50	1.39	1.10	28.8	6.9	0.881
92424	5.140	k2	4740	2.1	0.16	85	0.48	-0.16	92.0	13.8	0.893
92523	5.000	k4	4000	1.6	-0.18	88	0.28	-0.62	140.6	24.0	0.853
92588	6.262	k1	4980	2.6	-0.46	100	1.23	1.00	31.6	7.3	0.803
93102	6.280	k4	4610	2.0	0.00	151	0.39	-0.23	98.2	15.1	0.851
93244	6.379	k1	4770	2.2	-0.01	141	0.64	0.12	71.1	12.0	0.851
93257	5.511	k3	4840	2.2	0.12	96	0.58	0.01	78.7	12.3	0.883
93497	2.683	g5	4970	2.8	-0.38	16	1.62	1.38	22.3	6.2	0.901
93813	3.110	k3	4410	2.0	-0.14	32	0.56	-0.13	89.5	15.7	0.922
94237	6.317	k5	3840	1.3	-0.18	204	-0.24	-1.21	242.1	34.1	0.861
94247	5.127	k3	4340	1.9	-0.07	80	0.43	-0.35	109.6	18.0	0.963
94264	3.826	k0	4740	2.4	-0.26	36	1.05	0.61	45.3	9.7	0.883
94510	3.793	k0	4940	2.7	-0.36	29	1.46	1.20	26.3	6.8	0.861
94600	5.043	k1	4700	2.4	-0.20	65	0.99	0.47	51.5	10.5	1.033
94669	6.045	k2	4620	2.3	-0.22	109	0.86	0.34	58.1	11.6	0.993
95212	5.485	k5	3830	1.4	-0.27	121	0.06	-0.86	175.4	29.2	0.803
95233	6.427	g9	5030	2.6	0.00	110	1.20	0.86	36.0	7.7	0.871
95272	4.070	k0	4750	2.4	-0.13	40	1.04	0.55	47.9	9.9	0.923
95314	5.879	k5	3930	1.4	-0.07	160	-0.14	-1.12	222.8	31.3	0.911
95345	4.875	k1	4540	2.2	-0.23	62	0.93	0.31	59.7	12.1	0.873
95578	4.750	k5	3830	1.3	-0.04	81	-0.23	-1.25	251.2	35.0	0.913
95689	1.790	k0	4940	2.6	-0.05	12	1.26	0.86	36.0	8.0	0.943
95849	5.946	k3	4710	2.1	0.15	123	0.50	-0.16	92.0	14.0	0.921
96566	4.610	k0	4920	2.6	-0.13	46	1.28	0.91	34.4	7.8	0.911
96833	3.011	k1	4630	2.3	-0.12	26	0.95	0.39	55.5	11.2	0.943
97605	5.806	k2	4720	2.1	-0.04	116	0.49	-0.06	83.9	13.3	0.831
97907	5.320	k3	4310	2.0	-0.55	85	0.65	0.00	79.4	15.5	0.901
98262	3.490	k3	4290	1.8	-0.07	39	0.28	-0.52	128.2	19.9	0.933
98366	5.914	k0	4780	2.4	-0.24	95	1.01	0.59	46.1	9.6	0.861
98430	3.566	g8	4570	2.4	-0.38	30	1.19	0.69	42.1	10.1	0.943
99055	5.391	g8	4970	2.7	-0.30	59	1.54	1.25	25.1	6.6	0.803
99167	4.825	k5	3850	1.2	-0.04	107	-0.34	-1.35	275.4	36.2	0.773
99196	5.832	k4	4230	1.6	-0.05	143	0.06	-0.78	162.9	23.1	0.793
99283	5.750	k0	4820	2.6	-0.35	75	1.36	1.02	31.0	7.8	0.891
99322	5.215	k0	4920	2.6	-0.19	61	1.28	0.91	34.4	7.8	0.911
99648	4.956	g8	4910	2.6	-0.20	54	1.29	0.91	34.4	7.9	0.923
99998	4.770	k4	4020	1.6	-0.06	75	0.07	-0.87	177.0	26.6	1.053
100055	6.527	g9	5100	2.8	-0.10	100	1.53	1.24	25.4	6.3	0.921
100407	3.539	g7	5050	2.7	-0.15	27	1.37	1.09	29.1	6.8	0.871
100470	6.414	k0	4730	2.4	-0.28	112	1.15	0.70	41.7	9.3	0.813
100696	5.203	k0	4850	2.7	-0.40	54	1.52	1.20	26.3	7.1	0.933
100708	5.500	k1	4760	2.4	-0.25	78	1.03	0.60	45.7	9.7	0.871
100920	4.322	g9	4850	2.6	-0.35	39	1.34	0.97	32.5	7.8	0.913
101021	5.138	k1	4770	2.3	-0.04	72	0.83	0.31	59.7	11.0	0.901
101112	6.193	k1	4810	2.4	-0.05	110	0.99	0.49	50.6	9.9	0.921

Table. (continued)

HD	V	Sp	Teff	lgg	Fe/H	r (ps)	MV	MBol	L/L☼	R/R☼	M/M☼
101484	5.268	k1	4960	2.6	-0.16	63	1.25	0.91	34.4	7.7	0.883
101666	5.224	k5	4040	1.4	0.01	124	-0.24	-1.17	233.3	30.3	0.861
101673	5.280	k3	4400	2.1	-0.11	80	0.76	0.06	75.2	14.5	0.982
101933	6.055	g8	4880	2.6	-0.33	88	1.32	0.97	32.5	7.7	0.891
101980	6.034	k5	3840	1.4	-0.15	160	-0.05	-1.02	203.2	31.3	0.911
102070	4.723	g8	5010	2.7	-0.13	45	1.31	1.00	31.6	7.3	0.983
102224	3.720	k0	4430	2.2	-0.36	36	0.92	0.34	58.1	12.6	0.933
102328	5.250	k3	4660	2.0	0.31	94	0.35	-0.34	108.6	15.5	0.902
102964	4.457	k4	4390	1.9	-0.02	65	0.39	-0.36	110.7	17.7	0.921
103484	5.577	k0	4970	2.6	-0.27	74	1.24	0.95	33.1	7.5	0.843
103596	5.928	k5	3960	1.4	-0.01	165	-0.16	-1.12	222.8	30.8	0.891
103736	6.246	g8	4930	2.7	-0.30	90	1.47	1.16	27.3	7.0	0.901
103953	6.760	k0	4700	2.4	-0.33	136	1.08	0.61	45.3	9.9	0.911
104055	6.196	k3	4610	2.0	0.14	144	0.39	-0.33	107.6	15.8	0.931
104438	5.607	k0	4870	2.5	-0.14	78	1.13	0.72	40.9	8.7	0.903
104625	6.241	k5	3910	1.4	-0.09	186	-0.12	-1.11	220.8	31.5	0.921
104979	4.143	g8	4860	2.8	-0.49	31	1.62	1.30	24.0	6.7	1.063
104985	5.792	k0	4740	2.5	-0.37	80	1.24	0.85	36.3	8.7	0.893
105043	6.130	k2	4480	2.0	-0.25	127	0.61	0.00	79.4	14.4	0.773
105089	6.381	g8	4900	2.6	-0.21	103	1.30	0.91	34.4	7.9	0.921
105639	5.970	k2	4770	2.2	-0.01	116	0.64	0.12	71.1	12.0	0.851
105707	0.055	k2	4420	2.0	-0.01	8	0.55	-0.19	94.6	16.1	0.961
106057	5.617	g8	4850	2.6	-0.37	71	1.34	1.02	31.0	7.7	0.871
106714	4.953	k0	4910	2.7	-0.33	49	1.48	1.15	27.5	7.0	0.923
106760	5.000	k1	4700	2.3	-0.14	63	0.89	0.37	56.5	11.0	0.903
107328	4.988	k1	4470	2.2	-0.34	69	0.79	0.07	74.5	14.0	1.153
107383	4.740	g8	4820	2.6	-0.32	46	1.36	0.97	32.5	7.9	0.933
107418	5.157	k1	4800	2.4	-0.20	67	1.00	0.54	48.3	9.8	0.893
107446	3.613	k3	4150	1.7	-0.05	48	0.22	-0.66	145.9	22.7	0.961
107815	5.670	k1	4740	2.2	0.01	100	0.67	0.13	70.5	12.1	0.861
107950	4.787	g7	5100	2.9	-0.22	43	1.62	1.43	21.3	5.7	0.973
108123	6.047	k1	4680	2.4	-0.25	98	1.10	0.62	44.9	9.9	0.911
108225	5.032	g8	5030	2.7	-0.15	54	1.39	1.09	29.1	6.9	0.893
108381	4.356	k1	4860	2.2	0.13	59	0.57	0.01	78.7	12.2	0.873
108471	6.369	g8	5110	2.7	-0.10	102	1.33	1.04	30.5	6.8	0.871
108570	6.150	g8	4960	2.6	-0.34	94	1.25	1.01	31.3	7.4	0.801
108861	6.077	g8	4870	2.6	-0.29	88	1.32	0.96	32.8	7.8	0.901
108985	6.064	k5	3970	1.3	0.03	186	-0.30	-1.29	260.6	33.1	0.811
109014	6.198	k0	4710	2.5	-0.35	96	1.26	0.85	36.3	8.8	0.911
109217	6.311	g8	5110	2.7	-0.04	99	1.33	1.04	30.5	6.8	0.871
109272	5.585	g8	5010	2.8	-0.50	63	1.59	1.38	22.3	6.1	0.871
109317	5.432	k0	4840	2.6	-0.25	66	1.35	0.97	32.5	7.9	0.923
109345	6.259	k1	4780	2.5	-0.27	102	1.20	0.79	38.4	8.8	0.903
109379	2.660	g5	5080	2.8	-0.24	17	1.54	1.28	24.4	6.2	0.901
109511	5.025	k2	4790	2.3	0.04	69	0.82	0.31	59.7	10.9	0.881
109996	6.396	k1	4850	2.3	0.04	132	0.77	0.30	60.3	10.7	0.851
110014	4.666	k2	4710	2.1	0.23	66	0.50	-0.16	92.0	14.0	0.923
110458	4.664	k1	4940	2.4	0.08	57	0.89	0.48	51.1	9.5	0.841
110666	5.462	k4	4280	1.7	-0.03	118	0.11	-0.70	151.4	21.7	0.881
110829	4.695	k1	4980	2.4	0.05	58	0.86	0.48	51.1	9.3	0.811
111067	5.180	k3	4300	1.7	-0.01	105	0.08	-0.72	154.2	21.7	0.883
111482	5.457	k0	4790	2.5	-0.37	71	1.20	0.84	36.6	8.5	0.861
111591	6.452	k0	4830	2.6	-0.31	103	1.36	0.97	32.5	7.9	0.933
111720	6.475	k0	4680	2.5	-0.47	109	1.28	0.85	36.3	8.9	0.931
111765	6.025	k4	4440	1.9	0.01	136	0.35	-0.37	111.7	17.3	0.891
111812	4.933	g0	5410	3.2	-0.34	37	2.07	2.12	11.3	3.7	0.813
111884	5.917	k3	4300	1.8	-0.12	134	0.28	-0.47	122.5	19.4	0.881
111915	4.340	k3	4240	1.7	-0.03	69	0.14	-0.69	150.0	22.0	0.901

Table. (continued)

HD	V	Sp	Teff	lgg	Fe/H	r (ps)	MV	MBol	L/L☼	R/R☼	M/M☼
112570	6.130	g9	4840	2.6	-0.31	87	1.35	0.97	32.5	7.9	0.921
112985	3.626	k2	4640	2.1	0.01	41	0.56	-0.04	82.4	13.6	0.871
113092	5.320	k2	4200	2.0	-0.42	78	0.84	0.14	69.8	15.3	0.873
113095	5.981	k0	4960	2.7	-0.19	80	1.44	1.10	28.8	7.1	0.931
113226	2.850	g9	5100	2.8	-0.08	19	1.43	1.14	27.8	6.6	1.013
113996	4.800	k5	3980	1.4	0.01	99	-0.18	-1.14	227.0	30.8	0.882
114038	5.162	k1	4670	2.2	-0.12	74	0.82	0.24	63.7	11.8	0.833
114092	6.230	k4	4340	1.6	0.14	187	-0.14	-1.02	203.2	24.5	0.892
114113	5.576	k2	4560	2.1	-0.15	98	0.62	0.02	78.0	13.7	0.881
114149	4.941	k1	4870	2.5	-0.09	58	1.13	0.67	42.9	8.9	0.941
114256	5.810	k0	4920	2.5	-0.07	88	1.09	0.67	42.9	8.8	0.901
114287	5.951	k5	3750	1.4	-0.43	151	0.04	-0.86	175.4	30.5	0.871
114326	5.943	k5	4010	1.5	-0.11	156	-0.02	-0.91	183.7	27.3	0.871
114474	5.250	k0	4910	2.4	-0.05	71	0.91	0.48	51.1	9.6	0.861
114724	6.324	k1	4880	2.5	-0.23	110	1.12	0.72	40.9	8.7	0.891
114780	5.772	k5	4000	1.5	0.05	143	-0.01	-0.96	192.3	28.0	0.921
114793	6.525	g8	5080	2.8	-0.35	99	1.54	1.33	23.3	6.1	0.861
114835	5.920	k1	4780	2.4	-0.12	95	1.01	0.54	48.3	9.8	0.901
115004	4.944	k0	5020	2.6	0.02	55	1.12	0.76	39.4	8.1	0.963
115310	5.104	k1	5020	2.7	-0.18	55	1.40	1.10	28.8	6.9	0.891
115319	6.460	g8	4920	2.7	-0.27	100	1.47	1.15	27.5	7.0	0.921
115478	5.343	k3	4400	1.7	0.03	111	0.10	-0.65	144.5	20.1	0.753
115659	3.000	g8	5070	2.8	-0.17	20	1.45	1.19	26.5	6.5	0.993
116010	5.620	k1	4360	2.0	-0.33	100	0.61	-0.06	83.9	15.6	0.901
116243	4.525	g5	5140	2.8	-0.32	40	1.50	1.34	23.1	5.9	0.811
116292	5.355	k0	4860	2.6	-0.31	63	1.33	0.97	32.5	7.8	0.903
116976	4.764	k1	4940	2.4	0.11	59	0.89	0.38	56.0	9.9	0.923
117261	6.472	g8	4840	2.7	-0.53	96	1.54	1.21	26.1	7.1	0.931
117304	5.575	k0	4760	2.4	-0.21	85	1.03	0.55	47.9	9.9	0.911
117404	6.186	k5	4030	1.4	-0.01	191	-0.23	-1.16	231.2	30.3	0.861
117405	6.525	k0	4810	2.7	-0.58	98	1.56	1.21	26.1	7.1	0.951
117440	3.890	g8	4910	2.6	-0.01	28	1.29	0.86	36.0	8.1	0.961
117710	6.092	k2	4940	2.3	0.10	120	0.70	0.19	66.7	10.8	0.871
117789	5.534	k2	4550	2.2	-0.18	80	0.82	0.21	65.5	12.6	0.941
117818	5.225	k0	4850	2.6	-0.40	61	1.34	1.02	31.0	7.7	0.873
117876	6.110	k0	4820	2.6	-0.46	88	1.36	1.02	31.0	7.8	0.893
118219	5.718	g6	4860	2.7	-0.43	69	1.52	1.21	26.1	7.0	0.911
118266	6.497	k1	4800	2.4	-0.19	125	0.99	0.54	48.3	9.8	0.893
119081	6.231	k3	4470	1.8	0.08	166	0.13	-0.68	148.6	19.7	0.911
119126	5.647	g9	4890	2.6	-0.17	74	1.31	0.92	34.0	7.9	0.921
119445	6.315	g6	5150	2.9	-0.17	84	1.68	1.48	20.3	5.5	0.891
119834	4.630	g9	4960	2.7	-0.24	42	1.44	1.15	27.5	6.9	0.891
120048	5.945	g9	4980	2.6	-0.18	87	1.24	0.91	34.4	7.6	0.871
120164	5.470	k0	4800	2.5	-0.22	71	1.19	0.74	40.2	8.9	0.933
120420	5.633	k0	4760	2.5	-0.33	75	1.22	0.79	38.4	8.8	0.921
120452	4.967	k1	4820	2.5	-0.13	59	1.07	0.63	44.5	9.3	1.013
120539	4.937	k4	4010	1.6	-0.18	90	0.17	-0.72	154.2	25.0	0.923
120933	4.750	k5	3870	1.3	-0.20	85	-0.27	-1.22	244.3	33.8	0.852
121107	5.714	g5	5180	2.9	-0.20	65	1.66	1.48	20.3	5.4	0.871
121299	5.171	k2	4860	2.4	0.01	69	0.95	0.49	50.6	9.7	0.893
121710	5.000	k3	4220	1.7	-0.03	78	0.16	-0.68	148.6	22.2	0.912
122430	5.477	k3	4300	1.8	-0.10	106	0.28	-0.52	128.2	19.8	0.921
122744	6.251	g9	5110	2.7	-0.12	95	1.33	1.04	30.5	6.8	0.871
122910	6.293	k0	4850	2.5	-0.18	106	1.15	0.73	40.6	8.8	0.901
123123	3.278	k2	4670	2.3	-0.16	30	0.91	0.37	56.5	11.2	0.921
123139	2.093	k0	4860	2.6	-0.20	14	1.33	0.92	34.0	8.0	0.951
123977	6.491	k0	4770	2.5	-0.39	112	1.22	0.84	36.6	8.6	0.873
124186	6.169	k4	4710	1.9	0.29	162	0.12	-0.54	130.6	16.7	0.821

Table. (continued)

HD	V	Sp	Teff	lgg	Fe/H	r (ps)	MV	MBol	L/L☼	R/R☼	M/M☼
124206	5.075	k2	4540	2.1	-0.23	76	0.64	0.07	74.5	13.5	0.861
124294	4.187	k3	4150	1.8	-0.30	55	0.41	-0.36	110.7	19.8	0.923
124547	4.890	k3	4380	1.8	0.03	78	0.21	-0.55	131.8	19.4	0.882
124679	4.800	k0	4890	2.5	-0.20	54	1.12	0.73	40.6	8.6	0.872
124897	0.050	k2-	4320	2.1	-0.45	7	0.83	0.19	66.7	14.2	0.942
125351	4.800	k0	4810	2.4	-0.16	58	0.99	0.54	48.3	9.7	0.883
125454	5.270	k0	4810	2.5	-0.27	66	1.18	0.78	38.7	8.7	0.893
125560	4.864	k3	4660	2.0	0.15	82	0.35	-0.34	108.6	15.5	0.903
125932	4.791	k4	4450	1.6	0.12	96	-0.14	-0.96	192.3	22.7	0.763
126035	6.221	g7	4920	2.6	-0.18	96	1.28	0.91	34.4	7.8	0.911
126218	5.331	g8	5000	2.7	-0.15	61	1.41	1.10	28.8	7.0	0.901
126386	6.335	k3	4710	2.0	0.17	160	0.31	-0.35	109.6	15.3	0.871
127337	6.018	k4	4040	1.6	-0.16	149	0.14	-0.74	157.0	24.8	0.911
127665	3.602	k3	4310	1.9	-0.11	42	0.46	-0.29	103.8	17.7	0.933
127700	4.260	k4	4060	1.6	-0.06	66	0.12	-0.80	166.0	25.3	0.952
128902	5.700	k4	3890	1.6	-0.32	112	0.28	-0.61	139.3	25.2	0.943
129078	3.825	k5	4060	1.6	-0.12	55	0.12	-0.80	166.0	25.3	0.951
129312	4.880	g8	5090	2.7	-0.07	49	1.25	0.95	33.1	7.2	0.963
129336	5.575	g8	4940	2.8	-0.32	63	1.56	1.30	24.0	6.5	0.993
129456	4.057	k5	4240	1.7	-0.07	61	0.14	-0.69	150.0	22.0	0.901
129972	4.619	k0	4960	2.7	-0.18	45	1.34	1.00	31.6	7.4	1.023
130227	6.226	k2	4730	2.2	-0.07	129	0.67	0.12	71.1	12.2	0.881
130259	5.230	g8	4910	2.7	-0.39	55	1.48	1.20	26.3	6.9	0.881
130694	4.410	k4	4000	1.6	-0.46	66	0.28	-0.52	128.2	22.9	0.783
130952	4.942	g8	4800	2.6	-0.44	52	1.37	1.02	31.0	7.8	0.913
130970	6.178	k5	4180	1.5	0.01	186	-0.18	-1.04	207.0	26.6	0.831
131111	5.486	k0	4710	2.4	-0.42	75	1.07	0.65	43.7	9.6	0.873
131342	5.185	k1	4820	2.1	0.13	90	0.41	-0.18	93.8	13.5	0.851
131507	5.501	k4	4200	1.6	-0.05	125	-0.01	-0.86	175.4	24.3	0.871
131873	2.083	k4	4080	1.6	-0.04	26	0.01	-0.90	182.0	26.2	1.023
131918	5.480	k4	4000	1.6	-0.20	103	0.18	-0.72	154.2	25.1	0.931
132132	5.508	k1	4740	2.3	-0.03	85	0.85	0.31	59.7	11.1	0.923
132345	5.880	k3	4680	2.0	0.30	128	0.34	-0.34	108.6	15.4	0.883
133124	4.820	k4	4100	1.4	0.04	94	-0.30	-1.20	239.9	29.8	0.832
133165	4.398	k0	4770	2.5	-0.26	43	1.22	0.79	38.4	8.8	0.913
133208	3.497	g8	4950	2.7	-0.25	26	1.45	1.15	27.5	6.9	0.893
133340	5.120	k0	4800	2.5	-0.31	61	1.19	0.79	38.4	8.7	0.891
133485	6.600	g8	4970	2.6	-0.15	109	1.24	0.90	34.7	7.7	0.881
133582	4.531	k2	4470	2.1	-0.13	59	0.70	0.04	76.6	14.2	0.943
133670	6.135	k1	4750	2.4	-0.32	103	1.04	0.60	45.7	9.7	0.881
133774	5.200	k5	3880	1.3	-0.08	111	-0.28	-1.28	258.2	34.5	0.883
134190	5.251	g8	4880	2.7	-0.43	55	1.51	1.21	26.1	6.9	0.903
134505	3.409	g8	5030	2.8	-0.24	23	1.58	1.29	24.2	6.3	0.931
135482	5.320	k0	4820	2.4	-0.19	66	0.98	0.54	48.3	9.7	0.871
135534	5.513	k5	4250	1.7	-0.05	119	0.13	-0.70	151.4	22.0	0.901
135722	3.488	g8	4830	2.6	-0.50	27	1.35	1.02	31.0	7.7	0.883
136028	5.871	k5	3730	1.4	-0.33	144	0.06	-0.90	182.0	31.4	0.921
136366	6.160	k0	4640	2.5	-0.53	93	1.32	0.86	36.0	9.0	0.961
136422	3.560	k5	3840	1.4	-0.18	50	-0.05	-1.02	203.2	31.3	0.911
136442	6.344	k0	4960	2.2	0.10	147	0.49	0.00	79.4	11.7	0.811
136479	5.530	k1	5020	2.5	0.10	80	1.02	0.57	47.0	8.8	0.911
136512	5.521	k0	4750	2.5	-0.45	71	1.23	0.84	36.6	8.7	0.893
136514	5.350	k3	4540	2.0	-0.11	90	0.55	-0.12	88.7	14.8	0.813
136672	5.895	k0	4700	2.5	-0.50	84	1.27	0.85	36.3	8.8	0.921
136726	5.010	k4	4200	1.8	-0.05	85	0.37	-0.48	123.6	20.4	0.982
137704	5.503	k4	3990	1.5	-0.25	120	0.10	-0.75	158.5	25.6	0.773
137744	5.635	k5	3700	1.4	-0.37	124	0.09	-0.83	170.6	30.9	0.891
137759	3.328	k2	4710	2.1	0.05	35	0.59	-0.06	83.9	13.4	0.843

Table. (continued)

HD	V	Sp	Teff	lgg	Fe/H	r (ps)	MV	MBol	L/L☼	R/R☼	M/M☼
138481	5.030	k5	4120	1.5	-0.05	81	-0.13	-1.02	203.2	27.2	0.873
138816	5.427	k5	3830	1.4	-0.26	124	-0.04	-0.96	192.3	30.6	0.871
138905	3.900	g8	4800	2.6	-0.42	33	1.28	0.93	33.7	8.2	0.983
139254	5.790	k0	4850	2.5	-0.14	80	1.15	0.73	40.6	8.8	0.901
139446	5.357	g8	5010	2.9	-0.41	54	1.69	1.48	20.3	5.8	1.003
139521	4.660	g8	4920	2.6	-0.28	46	1.28	0.96	32.8	7.7	0.871
139641	5.259	g8	4940	2.7	-0.60	58	1.46	1.20	26.3	6.8	0.863
139663	4.966	k3	4430	1.9	0.06	82	0.36	-0.47	122.5	18.2	0.981
139669	4.960	k5	3940	1.3	0.04	106	-0.34	-1.41	291.1	35.6	0.942
139997	4.730	k5	3910	1.4	0.00	88	-0.12	-1.11	220.8	31.5	0.921
140027	6.010	g5	5040	2.8	-0.27	76	1.57	1.33	23.3	6.2	0.893
140301	6.297	k0	4860	2.5	-0.13	94	1.14	0.73	40.6	8.7	0.891
140573	2.649	k2	4870	2.2	0.23	26	0.57	0.02	78.0	12.1	0.863
140861	6.404	g5	4980	2.8	-0.43	90	1.62	1.39	22.1	6.1	0.881
141680	5.221	g8	4780	2.5	-0.35	63	1.30	0.93	33.7	8.2	0.803
141714	4.628	g5	5130	3.0	-0.50	37	1.79	1.67	17.1	5.1	0.963
141832	6.402	k1	4930	2.5	-0.17	114	1.09	0.72	40.9	8.5	0.851
141992	4.750	k5	3940	1.3	-0.01	103	-0.34	-1.31	265.5	34.0	0.862
142091	4.808	k0	4900	2.5	-0.14	59	1.01	0.62	44.9	9.0	0.963
142198	4.134	k0	4760	2.6	-0.36	36	1.41	1.03	30.8	7.9	0.933
143009	4.980	g8	4960	2.6	-0.16	55	1.25	0.86	36.0	7.9	0.921
143553	5.816	k0	4770	2.5	-0.42	82	1.22	0.84	36.6	8.6	0.873
143666	5.116	k0	4800	2.6	-0.39	59	1.28	0.93	33.7	8.2	0.983
144889	6.173	k4	4210	1.7	-0.09	158	0.16	-0.68	148.6	22.3	0.923
145001	5.021	g8	4990	2.8	-0.24	48	1.61	1.34	23.1	6.2	0.923
145328	4.790	k0	4850	2.4	-0.20	58	0.96	0.54	48.3	9.6	0.853
145388	5.267	k5	3930	1.6	-0.30	101	0.24	-0.64	143.2	25.1	0.931
145892	5.464	k5	3980	1.4	-0.10	129	-0.09	-1.05	208.9	29.5	0.813
145897	5.220	k3	4360	1.8	-0.08	81	0.32	-0.45	120.2	18.7	0.823
146791	3.246	g8	4860	2.6	-0.33	23	1.43	1.06	29.9	7.5	0.833
147675	3.873	k0	5030	2.7	-0.23	31	1.39	1.10	28.8	6.9	0.881
147677	4.868	k0	5030	2.6	-0.07	55	1.20	0.86	36.0	7.7	0.873
147700	4.475	k0	4820	2.6	-0.25	42	1.36	0.97	32.5	7.9	0.933
147767	5.410	k5	3910	1.3	0.00	139	-0.31	-1.30	263.0	34.3	0.872
148293	5.250	k2	4830	2.4	0.06	71	0.97	0.39	55.5	10.3	1.002
148387	2.730	g8	5070	2.8	-0.21	17	1.55	1.28	24.4	6.2	0.913
148513	5.400	k4	4330	1.6	0.19	116	-0.12	-1.01	201.4	24.5	0.893
148786	4.280	g8	5150	2.8	-0.05	36	1.49	1.24	25.4	6.1	0.882
148856	2.807	g8	5000	2.8	-0.25	18	1.60	1.34	23.1	6.2	0.913
148890	5.510	g9	4980	2.7	-0.24	65	1.43	1.10	28.8	7.0	0.911
149161	4.840	k5	3910	1.4	-0.10	98	-0.12	-1.11	220.8	31.5	0.923
149324	4.218	k0	4870	2.4	-0.11	42	0.94	0.48	51.1	9.7	0.891
149447	4.160	k5	4000	1.3	0.06	75	-0.39	-1.44	299.2	35.0	0.911
150275	6.340	k1	4760	2.6	-0.73	96	1.41	1.03	30.8	7.9	0.932
150449	5.297	k1	4780	2.4	-0.19	69	1.11	0.65	43.7	9.4	0.823
150997	3.488	g8	4990	2.8	-0.33	24	1.61	1.34	23.1	6.2	0.923
151217	5.174	k5	3950	1.3	0.07	125	-0.35	-1.42	293.8	35.6	0.943
151249	3.733	k5	3860	1.4	-0.07	55	-0.07	-1.08	214.8	31.8	0.951
151680	2.310	k2	4710	2.2	-0.02	21	0.69	0.13	70.5	12.2	0.881
152326	5.060	k2	4690	2.3	0.03	63	0.81	0.23	64.3	11.8	1.033
152334	3.606	k5	4320	1.6	0.09	55	-0.12	-1.01	201.4	24.6	0.901
152601	5.225	k2	4790	2.3	-0.04	75	0.81	0.30	60.3	10.9	0.893
152781	6.330	k0	4920	2.5	-0.29	111	1.09	0.77	39.1	8.4	0.821
152786	3.100	k5	3800	1.5	-0.28	33	0.18	-0.75	158.5	28.2	0.941
152815	5.400	g8	4860	2.6	-0.37	62	1.42	1.11	28.6	7.3	0.793
152879	5.350	k4	4130	1.5	-0.04	120	-0.04	-0.93	187.1	26.0	0.793
152980	4.050	k4	4010	1.5	-0.11	65	-0.02	-0.96	192.3	27.9	0.921
153210	3.200	k2	4720	2.2	0.01	32	0.68	0.12	71.1	12.3	0.882

Table. (continued)

HD	V	Sp	Teff	lgg	Fe/H	r (ps)	MV	MBol	L/L☼	R/R☼	M/M☼
153751	4.230	g5	4970	2.8	-0.42	33	1.62	1.38	22.3	6.2	0.901
154610	6.369	k5	3820	1.4	-0.33	190	-0.03	-0.95	190.5	30.6	0.871
154733	5.550	k3	4350	1.8	-0.04	116	0.23	-0.54	130.6	19.5	0.902
154779	5.975	k0	4780	2.5	-0.33	90	1.20	0.78	38.7	8.8	0.911
155410	5.090	k3	4420	1.9	-0.06	88	0.36	-0.38	112.7	17.6	0.912
156266	4.730	k2	4800	2.2	0.08	66	0.62	0.02	78.0	12.4	0.912
156349	5.119	k1	4980	2.6	-0.01	59	1.24	0.86	36.0	7.8	0.911
156681	5.030	k4	3980	1.5	-0.09	90	0.01	-0.95	190.5	28.2	0.932
157236	5.290	k5	3700	1.2	-0.25	130	-0.28	-1.25	251.2	37.5	0.831
157457	5.182	k1	4660	2.4	-0.43	65	1.11	0.67	42.9	9.8	0.891
157527	5.810	g7	4980	2.6	-0.26	81	1.24	0.96	32.8	7.5	0.831
157588	6.160	k1	4690	2.3	-0.17	112	0.90	0.38	56.0	11.0	0.901
157910	6.180	g5	5050	2.9	-0.36	76	1.75	1.57	18.7	5.5	0.892
158899	4.397	k4	4120	1.6	-0.04	71	0.06	-0.83	170.6	24.9	0.923
159966	5.050	k1	4700	2.4	-0.27	62	1.07	0.60	45.7	9.9	0.923
160315	6.246	k0	4910	2.5	-0.28	102	1.20	0.87	35.6	8.0	0.753
160635	3.580	k1	4700	2.3	0.00	34	0.89	0.32	59.2	11.3	0.941
161074	5.598	k4	4100	1.4	0.01	143	-0.30	-1.20	239.9	29.8	0.833
161096	2.777	k2	4770	2.2	0.13	29	0.55	-0.07	84.7	13.1	1.013
161892	3.187	k2	4550	2.1	-0.14	32	0.63	0.02	78.0	13.8	0.891
162555	5.530	k1	4750	2.4	-0.19	78	1.04	0.55	47.9	9.9	0.921
163217	5.180	k3	4660	2.2	-0.02	66	0.73	0.14	69.8	12.5	0.912
163588	3.740	k2	4620	2.1	-0.06	42	0.57	-0.05	83.2	13.8	0.892
163917	3.340	g9	4940	2.5	-0.08	28	1.08	0.67	42.9	8.7	0.892
163993	3.705	k0	5040	2.7	-0.17	29	1.38	1.09	29.1	6.9	0.883
164058	2.253	k5	3920	1.2	0.01	34	-0.41	-1.39	285.8	35.6	0.753
164349	4.675	k0	4890	2.4	0.10	45	0.92	0.38	56.0	10.1	0.963
165135	2.973	k0	4770	2.5	-0.41	22	1.21	0.84	36.6	8.6	0.871
165687	5.509	k1	4660	2.3	-0.17	82	0.92	0.37	56.5	11.2	0.933
165760	4.644	g8	4970	2.7	-0.18	45	1.34	1.01	31.3	7.3	1.003
166063	4.501	g8	4870	2.6	-0.23	42	1.32	0.91	34.4	8.0	0.951
166207	6.320	k0	5020	2.5	0.06	110	1.02	0.67	42.9	8.4	0.832
166229	5.470	k2	4820	2.1	0.16	102	0.41	-0.18	93.8	13.5	0.852
166411	6.377	k2	4660	2.0	0.04	152	0.45	-0.14	90.4	14.2	0.753
166460	5.490	k2	4610	2.2	-0.08	80	0.77	0.14	69.8	12.7	0.952
166464	4.960	k0	4830	2.5	-0.17	55	1.16	0.73	40.6	8.8	0.921
166599	5.578	k0	5020	2.7	-0.20	67	1.40	1.10	28.8	6.9	0.891
167042	5.995	k1	4950	2.6	-0.26	92	1.17	0.86	36.0	7.9	0.933
167193	6.138	k4	3930	1.5	-0.18	158	0.14	-0.79	164.4	26.9	0.853
167768	5.995	g8	4970	2.8	-0.51	78	1.53	1.29	24.2	6.4	0.973
168322	6.124	k0	4830	2.6	-0.51	90	1.36	1.02	31.0	7.7	0.883
168387	5.412	k2	4760	2.2	-0.11	85	0.74	0.21	65.5	11.6	0.793
168656	4.846	g8	5030	2.8	-0.25	48	1.48	1.19	26.5	6.6	1.023
168723	3.252	k0	4890	2.6	-0.43	24	1.31	1.01	31.3	7.6	0.853
168775	4.320	k2	4730	2.2	0.06	54	0.67	0.20	66.1	11.8	0.812
169110	5.421	k5	3730	1.3	-0.16	111	-0.13	-1.14	227.0	35.0	0.913
169156	4.666	k0	4930	2.6	-0.26	48	1.28	0.96	32.8	7.6	0.863
169191	5.258	k3	4390	2.0	-0.24	82	0.58	-0.17	92.9	16.2	0.973
169414	3.854	k2	4580	2.1	-0.14	45	0.61	0.02	78.0	13.6	0.873
169916	2.841	k2	4760	2.4	-0.25	23	1.03	0.60	45.7	9.7	0.871
170433	5.626	k0	4900	2.4	-0.07	85	0.92	0.48	51.1	9.6	0.871
170474	5.420	k0	4940	2.5	-0.19	74	1.08	0.72	40.9	8.5	0.852
170693	4.830	k2	4420	2.2	-0.39	59	0.93	0.34	58.1	12.6	0.942
171391	5.118	g8	5030	2.7	-0.22	55	1.39	1.09	29.1	6.9	0.893
171443	3.850	k3	4340	1.8	0.00	52	0.24	-0.54	130.6	19.6	0.903
171759	3.997	k2	4500	2.3	-0.40	39	1.06	0.52	49.2	11.2	0.931
171779	5.390	k0	4860	2.5	-0.10	71	1.04	0.58	46.6	9.3	1.033
172223	6.453	k3	4690	2.1	0.12	154	0.52	-0.15	91.2	14.1	0.921

Table. (continued)

HD	V	Sp	Teff	lgg	Fe/H	r (ps)	MV	MBol	L/L☼	R/R☼	M/M☼
173780	4.821	k3	4550	2.1	-0.08	71	0.63	-0.03	81.7	14.1	0.933
174980	5.270	k0	4990	2.7	-0.11	62	1.32	0.95	33.1	7.5	1.043
175190	4.980	k3	4150	2.0	-0.25	66	0.88	0.10	72.4	16.0	0.953
175306	4.640	k0	4510	2.3	-0.32	52	1.05	0.46	52.0	11.5	0.982
175443	5.658	k4	4200	1.6	-0.09	136	-0.01	-0.86	175.4	24.3	0.871
175535	4.914	g8	5050	2.9	-0.25	45	1.66	1.43	21.3	5.9	1.013
175743	5.740	k1	4800	2.3	-0.07	93	0.81	0.31	59.7	10.9	0.872
175751	4.831	k2	4820	2.4	-0.06	61	0.89	0.40	55.0	10.3	1.003
175775	3.512	k1	4820	2.4	-0.03	28	0.98	0.49	50.6	9.9	0.921
176411	4.013	k2	4940	2.4	0.08	43	0.79	0.28	61.4	10.4	1.013
176524	4.810	k2	4590	2.4	-0.16	55	1.07	0.49	50.6	10.9	1.113
176527	5.270	k2	4460	2.1	-0.24	75	0.71	0.05	75.9	14.2	0.942
176678	4.008	k2	4710	2.3	-0.14	42	0.88	0.37	56.5	11.0	0.893
176704	5.627	k3	4710	2.0	0.20	116	0.31	-0.35	109.6	15.3	0.873
177241	3.772	g8	4860	2.5	-0.20	33	1.14	0.73	40.6	8.7	0.891
177389	5.315	g9	4940	2.7	-0.42	59	1.46	1.20	26.3	6.8	0.861
177716	3.320	k1	4610	2.2	-0.14	31	0.77	0.20	66.1	12.4	0.901
177873	4.565	k1	4760	2.3	-0.11	55	0.84	0.31	59.7	11.0	0.901
180006	5.140	g8	5020	2.6	0.03	55	1.21	0.86	36.0	7.7	0.882
180610	4.980	k2	4700	2.1	-0.02	78	0.51	-0.06	83.9	13.4	0.842
180711	3.096	g9	4840	2.6	-0.29	22	1.35	0.97	32.5	7.9	0.923
180928	6.079	k4	3900	1.6	-0.44	141	0.27	-0.57	134.3	24.7	0.903
180972	5.160	k2	4750	2.4	-0.03	66	1.04	0.50	50.1	10.2	0.962
181276	3.767	k0	5020	2.7	-0.15	31	1.30	1.00	31.6	7.2	0.973
181391	5.020	g8	4890	2.6	-0.40	55	1.31	1.02	31.0	7.5	0.843
181984	4.460	k3	4620	1.9	0.22	71	0.19	-0.53	129.4	17.2	0.882
182762	5.154	k0	4810	2.5	-0.31	59	1.28	0.88	35.3	8.3	0.813
183275	5.493	k3	4750	2.3	-0.05	85	0.85	0.31	59.7	11.1	0.911
184010	5.921	k0	4990	2.7	-0.30	78	1.42	1.15	27.5	6.8	0.871
184406	4.456	k3	4720	2.0	0.07	67	0.30	-0.35	109.6	15.2	0.863
185194	5.676	g8	5050	2.7	-0.06	71	1.28	0.95	33.1	7.3	0.993
185351	5.188	k0	5040	2.6	-0.17	63	1.20	0.91	34.4	7.5	0.823
185467	5.955	k1	4840	2.5	-0.16	90	1.16	0.73	40.6	8.8	0.911
185644	5.320	k2	4720	2.2	-0.08	80	0.78	0.22	64.9	11.7	0.813
185657	6.465	k0	4820	2.6	-0.32	105	1.36	0.97	32.5	7.9	0.931
185734	4.660	g8	5000	2.7	-0.11	46	1.32	0.96	32.8	7.4	1.023
186486	5.487	g8	5010	2.7	-0.23	66	1.40	1.09	29.1	7.0	0.903
186648	4.863	k1	4760	2.4	-0.20	58	1.03	0.55	47.9	9.9	0.913
186675	4.887	g8	5030	2.7	-0.16	50	1.39	1.09	29.1	6.9	0.893
188056	5.019	k3	4650	1.9	0.37	100	0.07	-0.63	141.9	17.8	0.943
188114	4.120	k0	4750	2.5	-0.28	36	1.23	0.79	38.4	8.9	0.931
188119	3.863	g8	4980	2.9	-0.47	27	1.72	1.49	20.1	5.9	1.013
188310	4.708	k0	4730	2.4	-0.31	52	1.06	0.61	45.3	9.7	0.883
188584	5.745	k0	4700	2.4	-0.42	85	1.08	0.66	43.3	9.6	0.871
188947	3.899	k0	4880	2.5	-0.14	36	1.12	0.72	40.9	8.7	0.893
189319	3.526	k5	3980	1.3	0.06	55	-0.37	-1.43	296.5	35.2	0.923
189695	5.892	k5	3830	1.3	-0.10	168	-0.23	-1.25	251.2	35.0	0.911
189831	4.764	k5	4050	1.5	-0.14	92	-0.06	-0.94	188.8	27.1	0.861
190147	5.120	k1	4780	2.4	0.00	66	1.01	0.49	50.6	10.1	0.952
190608	5.087	k2	4810	2.3	-0.13	69	0.90	0.40	55.0	10.4	0.803
190940	4.510	k3	4360	1.9	0.06	66	0.42	-0.35	109.6	17.8	0.942
191277	5.408	k3	4690	1.9	0.08	107	0.23	-0.44	119.1	16.1	0.763
191584	6.197	k2	4700	2.0	0.18	149	0.32	-0.35	109.6	15.3	0.871
191753	6.332	k0	4840	2.4	-0.05	94	0.97	0.49	50.6	9.8	0.903
191829	5.635	k5	3850	1.4	-0.15	134	-0.06	-1.02	203.2	31.1	0.901
192806	4.503	k3	4210	1.7	-0.37	71	0.17	-0.53	129.4	20.8	0.801
192836	6.125	k1	4900	2.4	-0.06	110	0.92	0.48	51.1	9.6	0.871
192944	5.317	g8	4980	2.7	-0.22	59	1.43	1.10	28.8	7.0	0.913

Table. (continued)

HD	V	Sp	Teff	lgg	Fe/H	r (ps)	MV	MBol	L/L☼	R/R☼	M/M☼
192947	3.560	g9	5000	2.7	-0.20	28	1.31	1.00	31.6	7.3	0.993
194013	5.314	g8	4930	2.6	-0.20	63	1.28	0.92	34.0	7.8	0.893
194317	4.436	k3	4280	1.7	-0.04	71	0.21	-0.60	138.0	20.8	0.803
194526	6.309	k5	3760	1.4	-0.21	168	0.03	-0.97	194.1	31.9	0.951
194577	5.686	g6	4980	2.7	-0.30	71	1.43	1.15	27.5	6.8	0.871
194953	6.197	g8	4940	2.8	-0.47	80	1.65	1.39	22.1	6.2	0.911
195135	4.900	k2	4840	2.3	0.15	66	0.78	0.20	66.1	11.2	0.931
195506	6.400	k2	4550	2.1	-0.27	136	0.72	0.16	68.5	12.9	0.783
195569	5.107	g9	4870	2.6	-0.24	57	1.32	0.96	32.8	7.8	0.901
196171	3.136	k0	4890	2.6	-0.23	23	1.31	0.92	34.0	7.9	0.921
196321	4.880	k4	3940	1.5	-0.05	80	-0.06	-1.03	205.1	29.9	1.053
196574	4.300	g8	4990	2.7	-0.21	37	1.42	1.10	28.8	7.0	0.913
196737	5.470	k2	4740	2.2	-0.06	90	0.67	0.13	70.5	12.1	0.861
196758	5.167	k1	4830	2.4	-0.11	69	0.97	0.49	50.6	9.9	0.913
196787	5.420	g9	4880	2.6	-0.18	66	1.32	0.92	34.0	7.9	0.932
196925	5.963	k0	4990	2.7	-0.24	80	1.42	1.10	28.8	7.0	0.911
197121	5.994	k4	4470	2.0	-0.09	125	0.51	-0.20	95.5	15.8	0.931
197635	5.409	k1	4800	2.3	-0.01	80	0.81	0.31	59.7	10.9	0.871
197752	4.910	k2	4570	2.1	-0.11	71	0.61	0.01	78.7	13.7	0.883
197912	4.230	k0	4850	2.5	-0.18	42	1.06	0.64	44.1	9.1	0.983
197989	2.460	k0	4750	2.5	-0.33	18	1.13	0.69	42.1	9.3	1.023
198048	4.887	k5	3840	1.3	-0.14	106	-0.24	-1.21	242.1	34.1	0.861
198134	4.960	k3	4380	1.9	-0.06	81	0.40	-0.36	110.7	17.7	0.932
198308	5.047	k1	4710	2.4	-0.16	59	1.07	0.56	47.4	10.0	0.941
198404	6.207	k0	5040	2.7	-0.04	92	1.38	1.04	30.5	7.0	0.921
198431	5.869	k1	4630	2.4	-0.37	88	1.14	0.68	42.5	9.8	0.901
198716	5.339	k3	4380	1.8	-0.01	106	0.21	-0.55	131.8	19.4	0.881
198809	4.565	g8	5130	2.9	-0.33	37	1.70	1.53	19.4	5.4	0.873
199101	5.477	k5	3770	1.3	-0.19	129	-0.07	-1.06	210.9	33.1	0.813
199169	5.026	k4	4110	1.5	0.02	110	-0.12	-1.02	203.2	27.3	0.883
199253	5.197	k0	4840	2.4	-0.09	71	0.97	0.49	50.6	9.8	0.903
199665	5.487	g6	5140	2.7	-0.08	67	1.31	1.05	30.2	6.7	0.841
199697	5.305	k4	4070	1.6	-0.08	110	0.11	-0.81	167.5	25.3	0.953
200365	5.159	k2	4520	2.1	-0.16	78	0.66	0.03	77.3	13.9	0.911
200644	5.602	k5	3700	1.9	-0.31	67	1.04	0.12	71.1	19.9	1.171
200763	5.195	k2	4690	2.3	-0.15	71	0.90	0.38	56.0	11.0	0.901
201381	4.506	g8	4980	2.7	-0.23	42	1.34	1.01	31.3	7.3	0.993
201901	5.401	k5	4180	1.5	0.08	136	-0.28	-1.24	248.9	29.2	1.003
202135	6.207	k1	4800	2.3	-0.02	114	0.81	0.31	59.7	10.9	0.871
203010	6.397	k2	4550	1.7	0.28	202	-0.13	-0.89	180.3	21.0	0.821
203222	5.860	g7	5040	2.8	-0.23	71	1.57	1.28	24.4	6.3	0.931
203344	5.595	k0	4760	2.4	-0.21	82	1.03	0.55	47.9	9.9	0.913
203387	4.274	g8	5040	2.8	-0.28	35	1.57	1.34	23.1	6.1	0.883
203504	4.090	k1	4720	2.3	-0.14	43	0.87	0.36	57.0	11.0	0.892
203638	5.368	k2	4800	2.2	0.11	88	0.62	0.02	78.0	12.4	0.911
203926	5.482	k4	4180	1.4	0.15	147	-0.37	-1.33	270.4	30.5	0.871
203949	5.638	k2	4680	2.1	0.06	106	0.52	-0.06	83.9	13.5	0.861
204139	5.777	k5	4220	1.5	0.11	157	-0.22	-1.16	231.2	27.6	0.901
204771	5.229	k0	4980	2.6	-0.15	63	1.24	0.91	34.4	7.6	0.873
204783	5.286	k0	4900	2.5	-0.05	62	1.11	0.67	42.9	8.8	0.911
204960	5.560	k0	4840	2.6	-0.23	66	1.35	0.92	34.0	8.1	0.961
205435	3.993	g8	5040	2.8	-0.34	30	1.58	1.34	23.1	6.1	0.883
205478	3.780	k0	5080	2.5	0.04	36	0.97	0.56	47.4	8.6	0.881
205512	4.876	k1	4820	2.4	-0.04	63	0.89	0.40	55.0	10.3	1.003
205935	6.312	k0	4760	2.6	-0.32	92	1.41	0.98	32.2	8.1	0.971
206067	5.105	k0	4760	2.5	-0.27	63	1.12	0.69	42.1	9.3	1.013
206356	5.229	g9	5000	2.6	-0.08	63	1.22	0.86	36.0	7.8	0.891
206445	5.677	k4	4020	1.6	-0.19	120	0.16	-0.73	155.6	25.0	0.921

Table. (continued)

HD	V	Sp	Teff	lgg	Fe/H	r (ps)	MV	MBol	L/L☼	R/R☼	M/M☼
206453	4.716	g8	4990	2.8	-0.45	43	1.51	1.29	24.2	6.4	0.963
206834	5.090	g8	5100	2.6	0.09	52	1.14	0.75	39.8	7.9	0.913
206952	4.544	k0	4910	2.4	0.13	55	0.82	0.29	60.8	10.5	1.023
207130	5.185	k1	4870	2.5	-0.05	66	1.04	0.58	46.6	9.3	1.023
207134	6.294	k3	4570	2.0	-0.03	149	0.43	-0.22	97.3	15.3	0.873
207229	5.610	k0	4870	2.6	-0.19	71	1.32	0.91	34.4	8.0	0.951
207241	5.508	k5	4190	1.6	-0.05	125	0.00	-0.86	175.4	24.4	0.881
208111	5.707	k2	4700	2.1	0.06	109	0.51	-0.16	92.0	14.1	0.921
208202	6.371	k0	4940	2.7	-0.28	95	1.45	1.14	27.8	7.0	0.913
208737	5.500	g9	4900	2.6	-0.20	69	1.30	0.91	34.4	7.9	0.921
209128	5.595	k3	4350	1.9	-0.14	109	0.42	-0.30	104.7	17.5	0.901
209167	5.652	k5	4050	1.5	-0.06	139	-0.06	-0.83	170.6	25.8	0.781
209688	4.470	k2	4400	1.6	0.20	85	-0.19	-1.04	207.0	24.1	0.861
209747	4.840	k4	4230	1.4	0.18	111	-0.41	-1.35	275.4	30.0	0.843
209945	5.095	k5	3900	1.4	-0.03	106	-0.21	-1.20	239.9	33.0	1.013
209960	5.306	k4	4300	1.5	0.30	128	-0.24	-1.11	220.8	26.0	0.793
210334	5.989	k0	5000	2.6	-0.09	123	1.22	0.86	36.0	7.8	0.891
210702	9.944	k1	5000	2.6	-0.17	88	1.22	0.91	34.4	7.6	0.851
210807	4.797	g8	5010	2.8	-0.27	43	1.59	1.33	23.3	6.2	0.913
210889	5.360	k2	4720	2.2	-0.04	82	0.68	0.12	71.1	12.3	0.883
210905	6.297	k0	4860	2.3	0.05	121	0.86	0.40	55.0	10.2	0.763
210939	5.360	k1	4690	2.2	-0.05	76	0.71	0.14	69.8	12.3	0.892
211300	6.080	k0	4940	2.6	-0.09	92	1.27	0.86	36.0	8.0	0.942
211388	4.130	k3	4430	1.9	0.12	48	0.26	-0.57	134.3	19.1	1.083
211391	4.181	g8	5000	2.6	-0.07	41	1.13	0.76	39.4	8.1	0.983
211392	5.798	k3	4660	2.2	-0.07	102	0.73	0.14	69.8	12.5	0.911
211416	2.850	k3	4400	1.8	0.02	30	0.19	-0.56	133.0	19.3	0.871
211539	5.756	k0	4810	2.6	-0.26	75	1.37	0.97	32.5	8.0	0.941
212271	5.540	g9	5030	2.6	-0.04	74	1.20	0.86	36.0	7.7	0.871
212496	4.422	g9	4760	2.5	-0.40	43	1.24	0.86	36.0	8.6	0.863
212943	4.800	k0	4710	2.4	-0.33	55	1.07	0.61	45.3	9.8	0.901
212953	5.470	g9	4770	2.6	-0.53	65	1.40	1.03	30.8	7.9	0.921
213119	5.590	k5	3790	1.3	-0.11	136	-0.19	-1.23	246.6	35.4	0.931
213296	6.437	k0	4840	2.4	-0.11	116	0.97	0.54	48.3	9.6	0.861
213986	5.972	k0	5010	2.6	-0.08	90	1.21	0.85	36.3	7.8	0.891
214298	6.304	k5	4050	1.5	-0.09	186	-0.06	-0.98	195.9	27.6	0.901
214376	5.045	k2	4790	2.3	0.05	72	0.72	0.11	71.8	12.0	1.063
214632	5.968	k4	4090	1.6	-0.09	149	0.09	-0.82	169.0	25.2	0.941
214690	5.885	k3	4200	1.7	-0.22	132	0.27	-0.53	129.4	20.9	0.813
214868	4.507	k3	4260	1.9	-0.22	59	0.60	-0.17	92.9	17.2	0.873
214995	5.942	k0	4540	2.3	-0.37	100	1.02	0.50	50.1	11.1	0.921
215167	4.669	k4	4060	1.7	-0.22	75	0.30	-0.52	128.2	22.2	0.923
215373	5.140	k0	5100	2.7	-0.03	58	1.33	1.04	30.5	6.9	0.883
215405	5.510	k3	4290	1.9	-0.15	99	0.48	-0.28	102.8	17.8	0.941
215665	3.958	g8	5070	2.6	0.04	32	1.17	0.86	36.0	7.6	0.843
215721	5.243	g7	4870	2.7	-0.52	58	1.42	1.11	28.6	7.3	0.993
216131	3.533	k0	4960	2.7	-0.31	26	1.44	1.15	27.5	6.9	0.893
216174	5.320	k2	4420	2.2	-0.41	75	0.94	0.35	57.5	12.6	0.933
216228	3.520	k1	4820	2.5	-0.15	29	1.17	0.73	40.6	8.9	0.923
216637	6.194	k3	4450	1.9	-0.01	147	0.34	-0.38	112.7	17.4	0.891
216640	5.534	k2	4840	2.2	0.07	102	0.49	-0.09	86.3	12.8	0.973
216953	6.307	g6	4890	2.7	-0.35	90	1.50	1.21	26.1	6.9	0.891
217019	6.291	k1	4730	2.3	-0.07	121	0.86	0.31	59.7	11.2	0.931
217251	6.117	k5	4010	1.4	-0.07	184	-0.21	-1.15	229.1	30.5	0.871
217264	5.423	k1	5100	2.7	0.03	66	1.34	0.95	33.1	7.2	0.951
217382	4.706	k4	4240	1.5	0.13	90	-0.24	-1.17	233.3	27.5	0.891
217403	5.663	k4	4230	1.5	0.10	151	-0.23	-1.17	233.3	27.6	0.901
217459	5.854	k4	4220	1.7	-0.09	136	0.16	-0.68	148.6	22.2	0.911

Table. (continued)

HD	V	Sp	Teff	lgg	Fe/H	r (ps)	MV	MBol	L/L☼	R/R☼	M/M☼
217531	6.227	k5	4210	1.5	0.09	196	-0.23	-1.18	235.5	28.0	0.921
217902	5.377	k5	4100	1.4	0.04	136	-0.30	-1.25	251.2	30.5	0.871
218029	5.248	k3	4680	2.0	0.20	90	0.43	-0.26	100.9	14.8	0.823
218031	4.647	k0	4710	2.4	-0.30	52	1.07	0.60	45.7	9.9	0.913
218103	6.393	g9	5010	2.7	-0.19	100	1.40	1.09	29.1	7.0	0.901
218452	5.330	k5	4280	1.5	0.15	131	-0.27	-1.18	235.5	27.1	0.863
218594	3.675	k0	4870	2.4	0.09	36	0.94	0.38	56.0	10.2	0.971
218670	3.888	k0	5000	2.6	-0.02	34	1.22	0.86	36.0	7.8	0.891
219263	5.771	k2	4810	2.1	0.14	118	0.42	-0.18	93.8	13.5	0.861
219449	4.220	k0	4690	2.3	-0.16	48	0.80	0.28	61.4	11.5	0.983
219615	3.710	g7	4910	2.8	-0.53	27	1.58	1.30	24.0	6.6	1.013
219765	5.506	k2	4700	2.0	0.14	98	0.32	-0.35	109.6	15.3	0.871
219784	4.404	g8	4660	2.3	-0.17	50	0.92	0.38	56.0	11.2	0.921
219879	5.962	k4	4100	1.6	-0.03	125	0.08	-0.82	169.0	25.0	0.931
219945	5.466	k0	4780	2.5	-0.35	71	1.20	0.83	37.0	8.6	0.873
219962	6.320	k2	4690	2.3	-0.14	127	0.80	0.28	61.4	11.5	0.983
220009	5.050	k2	4300	2.1	-0.58	66	0.81	0.18	67.3	14.4	0.963
220321	3.949	k0	4570	2.4	-0.42	36	1.19	0.69	42.1	10.1	0.943
220363	5.087	k3	4370	1.8	0.01	88	0.22	-0.54	130.6	19.4	0.883
220465	6.179	g8	4820	2.6	-0.34	88	1.36	1.02	31.0	7.8	0.891
220572	5.595	k2	4880	2.5	-0.04	78	1.12	0.67	42.9	8.9	0.931
220704	4.370	k5	4030	1.4	0.02	82	-0.23	-1.16	231.2	30.3	0.863
220790	5.633	k0	4810	2.6	-0.38	71	1.37	1.02	31.0	7.8	0.901
220954	4.267	k1	4810	2.4	-0.08	45	0.99	0.50	50.1	9.9	0.923
221115	4.538	g8	5080	2.7	-0.10	43	1.35	1.04	30.5	6.9	0.893
221148	6.270	k3	5030	2.2	0.33	152	0.34	-0.10	87.1	11.9	0.843
221323	6.010	k0	4860	2.5	-0.19	93	1.14	0.73	40.6	8.7	0.891
221345	5.229	g8	4760	2.5	-0.35	63	1.22	0.79	38.4	8.8	0.923
221673	4.980	k4	4190	1.6	-0.04	99	0.00	-0.86	175.4	24.4	0.883
222107	3.750	g8	4850	2.5	-0.47	30	1.25	0.93	33.7	8.0	0.753
222404	3.237	k1	4880	2.4	-0.10	29	0.94	0.49	50.6	9.7	0.873
222493	5.904	g9	5040	2.6	-0.03	88	1.19	0.85	36.3	7.7	0.871
222547	5.341	k5	3950	1.4	0.02	116	-0.16	-1.13	224.9	31.1	0.901
222842	4.930	k0	4980	2.7	-0.27	50	1.42	1.14	27.8	6.9	0.883
223165	4.856	k1	4670	2.3	-0.15	62	0.91	0.38	56.0	11.1	0.913
223170	5.729	k1	4830	2.4	-0.09	88	0.97	0.49	50.6	9.9	0.911
223252	5.496	g8	4980	2.7	-0.24	65	1.43	1.15	27.5	6.8	0.873
223311	6.077	k4	4080	1.6	-0.11	147	0.10	-0.76	160.0	24.6	0.891
223559	5.689	k5	3930	1.4	-0.07	145	-0.14	-1.12	222.8	31.3	0.911
223647	5.105	g7	4800	2.7	-0.65	50	1.57	1.22	25.8	7.1	0.951
223774	5.834	k3	4450	1.9	-0.05	125	0.34	-0.38	112.7	17.4	0.891
224362	5.722	k1	4780	2.4	-0.18	88	1.01	0.54	48.3	9.8	0.901
224481	6.281	k0	5000	2.4	0.12	121	0.84	0.38	56.0	9.7	0.881
224533	4.860	g9	4980	2.7	-0.24	42	1.43	1.10	28.8	7.0	0.912
224834	5.699	g8	4990	2.8	-0.34	66	1.61	1.34	23.1	6.2	0.921
224889	4.792	k2	4520	1.8	0.05	87	0.09	-0.59	136.8	18.5	0.801
225197	5.771	k2	4850	2.4	0.01	92	0.96	0.39	55.5	10.2	0.981

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