Table 3. Physical parameters of the stars of the IRTF library.

Star IDs	R.A. (J2000)	Dec. (J2000)	Sp. Type	M_V mag	$T_{\rm eff}$ K	log (g)	[Fe/H]	Parallax mas	Ref.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
HD007927	01 20 04.9	+58 13 53.8	F0Ia	5.01	7341	–	–	1.40	1
HD135153	15 14 37.3	−31 31 08.8	F1II	4.92	7070	1.87	–	2.86	2
HD006130	01 03 37.0	+61 04 29.3	F0II	5.91	7400	1.50	0.02	2.16	3
HD089025	10 16 41.4	+23 25 02.3	F0III	3.44	6950	2.95	−0.03	12.56	2
HD013174	02 09 25.3	+25 56 23.6	F2III	4.98	7000	3.7	0.3	10.19	4
HD027397	04 19 57.7	+14 02 06.7	F0IV	5.56	7100	4.3	–	22.31	5
HD108519	12 27 46.3	+27 25 21.9	F0Vn	–	7200*	–	–	6.90	–
HD173638	18 46 43.3	−10 07 30.1	F2Ib-II	5.73	7090	1.67	−0.10	−0.07	2
HD213135	22 29 46.0	−27 06 26.2	F1V	4.19	6918	–	−0.24	23.76	6
BD+38-2803	16 35 57.3	+37 58 02.1	F2-F5Ib	–	7350*	–	–	−0.15	–
HD182835	19 26 31.1	+00 20 18.8	F2Iab	4.68	6810	1.93	−0.08	0.28	2
HD040535	05 59 01.1	−09 22 56.0	F2III-IV	–	6870*	–	–	10.32	–
HD164136	17 58 30.1	+30 11 21.4	F2II	4.41	6575	2.00	−0.33	4.10	7
HD113139	13 00 43.7	+56 21 58.8	F2V	4.93	6890	4.13	0.02	40.06	2
HD026015	04 07 42.0	+15 09 46.0	F3V	6.05	6880	4.28	0.09	21.27	2
HD021770	03 32 26.2	+46 03 24.7	F4III	5.31	6615	4.06	0.03	27.46	8
HD016232	02 36 57.7	+24 38 53.0	F4V	7.09	6462	4.50	0.27	23.36	9
HD087822	10 08 15.9	+31 36 14.5	F4V	6.23	6545	4.20	0.19	15.80	10
HD075555	08 52 21.8	+44 53 51.4	F5	8.11	6490	3.57	0.02	3.61	2
HD213306	22 29 10.3	+58 24 54.7	F5Ib	4.07	5864	1.65	0.07	3.32	11
HD017918	02 53 11.7	+16 29 00.4	F2III	6.30	6700	4.0	0.0	9.27	4
HD186155	19 40 50.2	+45 31 29.7	F5II-III	5.07	6780	3.33	0.26	20.51	2
HD218804	23 10 27.2	+43 32 39.2	F5IV	6.00	6222	4.00	−0.27	35.39	10
HD027524	04 21 31.6	+21 02 23.5	F5V	6.77	6519	0.06	3.97	19.55	12
HD160365	17 38 57.8	+13 19 45.3	F6III	6.14	6180	3.05	−0.26	10.68	2
HD011443	01 53 04.9	+29 34 43.7	F6IV	3.41	6288	3.91	0.00	50.87	8
HD215648	22 46 41.6	+12 10 22.4	F7V	4.20	6000	4.10	−0.28	61.54	13
HD201078	21 06 30.2	+31 11 04.7	F7.5Ib-IIv	5.82	6230	1.94	−0.10	1.72	2
HD124850	14 16 00.9	−06 00 01.9	F7IV	4.10	6222	4.20	−0.09	46.74	14
HD126660	14 25 11.8	+51 51 02.6	F7V	4.10	6338	4.29	−0.05	68.63	8
HD102870	11 50 41.7	+01 45 52.9	F9V	3.61	6146	4.30	0.20	91.74	15
HD190323	20 03 49.6	+14 58 58.7	G0Ia	4.2	5900	0.1	–	−1.23	16
HD051956	06 59 31.7	+00 55 00.3	F8Ib	–	6100*	–	–	1.37	–
HD220657	23 25 22.8	+23 24 14.7	F8IV	4.40	5920	3.18	−0.26	18.83	2
HD111844	12 51 54.4	+19 10 05.2	F8IV	7.80	6160	3.67	0.02	−12.61	2
HD219623	23 16 42.3	+53 12 48.5	F7V	5.60	6145	4.23	0.01	49.31	8
HD027383	04 19 54.9	+16 31 21.3	F9V	6.86	6280	4.55	0.10	23.27	2
HD114710	13 11 52.4	+27 52 41.4	F9.5V	4.26	6146	4.52	0.06	109.23	17
HD006903	01 09 49.2	+19 39 30.2	G0III	5.56	5730	2.71	−0.35	8.09	2
HD176051	18 57 01.6	+32 54 04.5	G0V+k1V	5.25	6030	4.37	−0.04	66.76	2
HD165908	18 07 01.5	+30 33 43.7	F7V	5.06	6020	4.48	−0.56	63.88	18
HD185018	19 36 52.4	+11 16 23.5	G0Ib	5.98	5700	2.24	−0.17	2.86	2
HD109358	12 33 44.5	+41 21 26.9	G0V	4.26	6000	4.50	0.07	119.46	15
HD020619	03 19 01.9	−02 50 35.5	G1.5V	7.10	5600	4.00	−0.45	40.72	20
HD074395	08 43 40.4	−07 14 01.4	G2Iab:	4.64	5250	1.30	−0.11	5.40	18
HD021018	03 23 39.0	+04 52 55.5	G5III	6.40	5250	3.0	0.0	2.92	21
HD216219	22 50 52.1	+18 00 07.5	G0IIp	7.44	5478	2.80	−0.55	10.74	22
HD095128	10 59 28.0	+40 25 48.9	G1V	5.10	5882	4.34	0.01	71.04	18
HD010307	01 41 47.1	+42 36 48.1	G1.5V	4.90	5898	4.31	−0.02	79.09	18
HD039949	05 57 05.5	+27 18 59.9	G2Ib	7.25	5250	1.10	−0.16	−0.83	19
HD042454	06 12 05.5	+29 29 31.7	G2Ib	7.32	5250	1.10	−0.05	3.20	19
HD003421	00 37 21.2	+35 23 58.2	G2.5IIa	5.43	5620	2.78	−0.14	3.19	2
HD219477	23 15 46.3	+28 14 52.4	G2II-III	–	5450*	–	–	3.41	–
HD126868	14 28 12.1	−02 13 40.6	G2IV	4.84	5600	3.90	−0.02	24.15	23
HD076151	08 54 17.9	−05 26 04.0	G2V	6.00	5600	4.40	−0.02	58.50	24
HD192713	20 15 30.2	+23 30 32.0	G3Ib-II	–	5000*	–	–	0.75	–
HD176123	18 59 26.8	−18 33 59.1	G3II	6.39	5200	2.25	–	3.93	25
HD088639	10 13 49.7	+27 08 08.9	G3III	–	5300*	–	–	8.39	–
HD010697	01 44 55.8	+20 04 59.3	G5IV	6.29	5641	4.05	0.14	30.71	26
HD006474	01 06 59.7	+63 46 23.3	G4Ia	7.60	6222	1.50	0.25	−0.20	11
HD108477	12 27 49.4	−16 37 54.6	G4III	–	5200*	–	–	2.55	–
HD094481	10 54 17.8	−13 45 28.9	K0III	5.65	5355	3.00	–	7.97	27
HD179821	19 13 58.6	+00 07 31.9	G5Ia	8.12	6750	0.50	−0.45	0.18	28
HD214850	22 40 52.7	+14 32 56.9	G4V	5.73	5420	–	−0.22	30.49	6
HD190113	20 02 02.8	+35 38 28.0	G5Ib	–	4850*	–	–	1.28	–

Table 3 – continued from previous page

Star IDs	R.A. (J2000)	Dec. (J2000)	Sp. Type	M_V mag	$T_{\rm eff}$ K	log (g)	[Fe/H]	Parallax mas	Ref.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
HD193896	20 23 00.8	−09 39 16.9	G5IIIa	–	5150*	–	–	7.49	–
HD018474	02 59 49.8	+47 13 14.5	G4pIII	5.24	5013	2.38	−0.23	5.85	29
HD165185	18 06 23.7	−36 01 11.2	G5V	5.94	5895	4.49	−0.06	57.58	30
HD115617	13 18 24.3	−18 18 40.3	G5V	4.74	5600	4.00	−0.03	117.30	14
HD161664	17 47 45.6	−22 28 40.0	G6Ib	–	4800*	–	–	1.80	–
HD202314	21 14 10.3	+29 54 03.4	G2Ib	6.18	4900	1.50	0.00	1.34	16
HD058367	07 25 38.9	+09 16 33.9	G6.5IIb	4.99	4820	2.01	−0.22	3.30	31
HD027277	04 20 53.5	+50 16 18.2	G6III	–	5100*	–	–	–	–
HD016139	02 36 18.0	+27 28 20.3	G7.5IIIa	–	4950*	–	–	–	–
HD333385	20 02 27.4	+30 04 25.5	G7Ia	–	4650*	–	–	–	–
HD025877	04 09 27.6	+59 54 29.0	G8IIa	6.29	5060	1.91	–	3.04	25
HD182694	19 23 56.5	+43 23 17.4	G6.3IIIa	5.85	5067	2.63	−0.04	8.06	29
HD114946	13 14 10.9	−19 55 51.4	G8III/IV	5.33	5056	3.04	−0.31	25.89	32
HD020618	03 19 55.8	+27 04 16.1	G8IV	5.91	5049	3.08	−0.22	15.88	29
HD208606	21 55 20.6	+61 32 30.5	G8Ib	–	4600*	–	–	0.36	–
HD104979	12 05 12.5	+08 43 58.7	G8IIIa	4.13	5250	3.25	−0.29	19.08	33
HD135722	15 15 30.2	+33 18 53.4	G8III	3.47	4800	2.70	−0.50	27.94	2
HD122563	14 02 31.8	+09 41 09.9	KIIvw	6.20	4582	0.90	−2.50	3.76	34
HD101501	11 41 03.0	+34 12 05.9	G8V	5.32	5538	4.69	0.03	104.81	17
HD075732	08 52 35.8	+28 19 50.9	G8V	5.95	5336	4.47	0.40	79.80	35
HD170820	18 32 13.1	−19 07 26.3	K0III	7.36	5663	2.00	−0.05	2.34	3
HD222093	23 37 39.6	−13 03 36.9	K0III	5.66	4730	2.78	−0.25	11.50	31
HD164349	18 00 03.4	+16 45 03.3	K0.5IIb	4.67	4383	1.80	−0.22	4.97	36
HD009852	01 37 51.2	+61 51 41.7	K0.5III	–	4750*	–	–	–	–
HD165782	18 08 26.5	−18 33 07.9	K0Ia	–	4420*	–	–	2.11	–
HD044391	06 22 47.9	+27 59 12.0	K0Ib	7.68	4710	0.60	0.21	1.39	18
HD179870	19 13 53.6	+09 01 59.6	K0II	–	–	–	–	2.62	–
HD100006	11 30 29.0	+18 24 35.2	K0III	5.55	4785	2.67	−0.12	10.03	37
HD145675	16 10 24.3	+43 49 03.5	K0V	6.67	5300	4.27	0.50	55.11	38
HD124897	14 15 39.7	+19 10 56.6	K1.5III	−0.04	4500	2.01	−0.56	88.85	33
HD063302	07 47 38.5	−15 59 26.4	K3Iab/Ib	6.33	4500	0.20	0.17	1.43	18
HD091810	10 37 20.5	+56 25 52.8	K1-IIIb	–	4600*	–	–	5.86	–
HD036134	05 29 23.7	−03 26 47.0	K1-III	–	4600	–	–	6.98	–
HD025975	04 08 15.4	+37 43 38.9	K1III	6.09	4941	3.40	−0.20	22.66	39
HD142091	15 51 13.9	+35 39 26.5	K1IVa	4.82	4800	3.37	−0.04	32.13	31
HD165438	18 06 15.2	−04 45 04.5	K1IV	5.74	4862	3.40	0.02	28.31	40
HD010476	01 42 29.8	+20 16 06.6	K1V	5.20	5196	4.50	−0.20	133.91	41
HD023082	03 44 05.8	+44 53 04.9	K2.5II	–	–	–	–	1.16	–
HD002901	00 32 47.5	+54 07 11.8	K2III	–	4420*	–	–	3.56	–
HD132935	15 02 04.2	−08 20 40.9	K2III	–	4420*	–	–	4.16	–
HD137759	15 24 55.8	+58 57 57.8	K2III	3.31	4490	2.74	0.03	31.92	31
HD212466	22 23 07.0	+55 57 47.6	K2O-Ia	–	–	–	–	1.19	–
HD003765	00 40 49.3	+40 11 13.8	K2V	6.15	5067	4.45	0.10	57.90	42
HD114960	13 13 57.6	+01 27 23.2	K3.5IIIb	–	4000*	–	–	6.65	–
HD187238	19 48 11.8	+22 45 46.3	K3Ia0-Ia	7.05	4500	0.80	0.20	2.16	18
HD099998	11 30 18.9	−03 00 12.6	K3.5III	4.77	3920	1.67	−0.39	5.40	31
HD035620	05 27 38.9	+34 28 33.2	K3IIICN+	5.07	4200	2.15	0.11	8.14	31
HD178208	19 05 09.8	+49 55 23.4	K3III	–	4200*	–	–	5.59	–
HD221246	23 30 07.4	+49 07 59.3	K3III	–	4200*	–	–	3.81	–
HD016068	02 36 52.8	+55 54 55.4	K2	6.29	6427	–	−0.31	–	6
HD219134	23 13 17.0	+57 10 06.1	K3Vvar	6.46	4913	4.51	0.08	153.24	42
HD185622	19 39 25.3	+16 34 16.0	K4Ib	6.38	3990	–	–	1.42	43
HD201065	21 05 35.8	+46 57 47.7	K4Ib-II	–	3950*	–	–	1.20	–
HD207991	21 51 55.4	+48 26 13.6	K5Ib	6.88	3777	–	–	2.99	1
HD045977	06 30 07.3	−11 48 32.1	K4V	–	4590*	–	–	35.00	–
HD120477	13 49 28.6	+15 47 52.4	K5.5III	4.05	3890	1.55	−0.23	13.29	31
HD216946	22 56 26.0	+49 44 00.7	K5Iab	5.00	4000	0.50	−0.03	1.74	44
HD181596	19 18 30.1	+50 13 39.4	K5III	–	3950*	–	–	1.20	–
HD036003	05 28 26.1	−03 29 58.4	K5V	7.64	4465	4.61	0.0	77.03	11
HD003346	00 36 46.4	+44 29 18.9	K6IIIa	–	3900*	–	–	4.96	–
HD181475	19 20 48.3	−04 30 09.0	M1II	6.96	3700	–	–	0.65	45
HD194193	20 22 45.3	+41 01 33.6	K7III	–	3850*	–	–	3.81	–
HD201092	21 06 55.3	+38 44 31.4	K7V	6.03	4120	4.40	−0.63	285.50	46
HD237903	10 30 25.3	+55 59 56.8	K7V	8.76	4070	4.70	−0.18	91.00	11
HD236697	01 19 53.6	+58 18 30.7	M0.5Ib	–	3600*	–	–	1.93	–
HD209290	22 02 10.3	+01 24 00.8	M0.5V	–	3800*	–	–	96.98	–

Table 3 – continued from previous page

Star IDs	R.A. (J2000)	Dec. (J2000)	Sp. Type	M_V mag	$T_{\rm eff}$ K	log (g)	[Fe/H]	Parallax mas	Ref.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
HD213893	22 34 35.9	+00 35 42.6	M0IIIb	–	3800*	–	–	3.81	–
HD019305	03 06 26.7	+01 57 54.6	M0V	–	3850*	–	–	67.69	–
IRAS14086-0703	14 11 17.6	−07 44 50.0	M10+III	–	3240*	–	–	–	–
HD035601	05 27 10.2	+29 55 15.7	M1.5Ia0-Ia	7.32	4000	0.70	−0.24	1.06	18
BD+60-265	01 33 33.1	+61 33 31.0	M1.5Ib	–	3500*	–	–	–	–
HD036395	05 31 27.4	−03 40 38.0	M1V	7.92	3742	4.71	0.21	175.72	42
HD014404	02 21 42.4	+57 51 46.1	M1-Iab-Ib	–	3550*	–	–	0.06	–
HD339034	19 50 11.9	+24 55 24.2	M1Ia	–	3550*	–	–	–	–
HD204724	21 29 56.9	+23 38 19.8	M1III	4.53	3773	–	–	7.37	47
HD039801	05 55 10.3	+07 24 25.4	M1Iab	0.58	3540	0.00	0.00	7.63	48
HD042581	06 10 34.6	−21 51 52.7	M1V	–	3720*	–	–	173.19	–
HD219734	23 17 44.6	+49 00 55.1	M2III	4.85	3730	0.90	0.27	4.98	11
Gl381	10 12 04.7	−02 41 05.0	M2.5V	–	3500*	–	–	81.23	–
Gl581	15 19 26.8	−07 43 20.2	M2.5V	–	3500*	–	–	159.52	–
HD206936	21 43 30.5	+58 46 48.1	M2-Ia	–	3450*	–	–	0.62	–
HD010465	01 43 11.1	+48 31 00.3	M2Ib	–	3450*	–	–	0.24	–
HD023475	03 49 31.3	+65 31 33.5	M2II	–	3620*	–	–	3.38	–
HD120052	13 47 25.4	−17 51 35.4	M2III	5.44	3729	–	–	5.13	47
Gl806	20 45 04.1	+44 29 56.6	M2V	–	3580*	–	–	80.01	–
HD095735	11 03 20.2	+35 58 11.5	M2V	7.49	3620	4.90	−0.20	392.50	49
HD014488	02 22 24.3	+57 06 34.4	M3.5Iab	–	3090*	–	–	–	–
HD028487	04 29 38.9	+05 09 51.3	M3.5III	–	3580	–	–	4.28	–
Gl273	07 27 24.5	+05 13 33.0	M3.5V	–	3420*	–	–	–	–
CD-31-49	07 41 02.6	−31 40 59.1	M3Iab-Ia	–	3550*	–	–	−0.53	–
HD040239	05 59 56.1	+45 56 12.2	M3IIb	–	–	–	–	3.88	–
HD039045	05 51 25.7	+32 07 28.9	M3III	–	3530*	–	–	5.62	–
HD014469	02 22 06.9	+56 36 15.0	M3-M4Iab	–	3200*	–	–	–	–
RWCyg	20 28 50.6	+39 58 54.4	M3toM4Ia	–	3200*	–	–	1.28	–
Gl388	10 19 36.3	+19 52 12.0	M3V	–	3470*	–	–	–	–
HD204585	21 28 59.8	+22 10 45.9	M4.5IIIa	–	3380*	–	–	5.41	–
Gl268AB	07 10 01.8	+38 31 46.0	M4.5V	–	3300*	–	–	157.24	–
HD019058	03 05 10.6	+38 50 24.9	M4II	3.42	3500	0.80	−0.15	10.03	50
HD214665	22 38 37.9	+56 47 44.2	M4+III	–	3430*	–	–	7.59	–
HD027598	04 20 41.3	−16 49 47.9	M4-III	–	3430*	–	–	1.76	–
HD004408	00 46 32.9	+15 28 31.8	M4IIIa	5.42	3522	–	–	5.55	51
Gl213	05 42 09.3	+12 29 21.6	M4V	–	3370*	–	–	172.78	–
Gl299	08 11 57.6	+08 46 22.0	M4V	–	3370*	–	–	143.00	–
HD094705	10 56 01.5	+06 11 07.3	M5.5III	5.98	3300	1.0	–	10.03	52
HD014386	02 19 20.8	−02 58 39.5	M5e-M9eIII	–	3330*	–	–	7.79	–
HD156014	17 14 38.8	+14 23 25.2	M5Ib-II	–	2800*	–	–	8.53	–
HD175865	18 55 20.1	+43 56 45.9	M5III	4.20	3420	0.50	0.14	9.33	11
Gl51	01 03 19.7	+62 21 55.7	M5V	–	3240*	–	–	95.50	–
Gl866	22 38 33.7	−15 17 57.3	M6	12.18	2747	5.09	–	300.00	11
GJ1111	08 29 49.3	+26 46 33.7	M6.5V	–	2990*	–	–	275.80	–
HD069243	08 16 33.8	+11 43 34.4	M6e-M9eIII	–	3240*	–	–	−0.27	–
HD018191	02 55 48.5	+18 19 53.9	M6III	5.80	3250	0.30	–	8.08	11
HD196610	20 37 54.7	+18 16 06.8	M6III	6.23	3243	–	–	9.16	53
Gl406	10 56 28.9	+07 00 52.8	M6V	–	3050*	–	–	–	–
BRI2339-0447	23 42 02.7	−04 31 05.0	M7-8III	–	3200*	–	–	–	–
HD108849	12 30 21.0	+04 24 59.1	M7III:	8.24	2944	–	–	5.68	53
HD207076	21 46 31.8	−02 12 45.9	M8IIIv	6.78	2750	–	–	7.39	11
MY-Cep	22 54 31.7	+60 49 39.0	M7-M7Iab	–	2600*	–	–	–	–
Gl644C	16 55 35.3	−08 23 40.1	M7V	–	2940*	–	–	154.50	–
IRAS14303-1042	14 32 59.9	−10 56 03.6	M8	–	–	–	–	–	–
IRAS14436-0703	14 46 18.4	−07 15 49.8	M8	–	–	–	–	–	–
IRAS21284-0747	21 31 06.5	−07 34 20.5	M8	–	–	–	–	–	–
IRAS01037+1219	01 06 26.0	+12 35 53.0	M8III	–	3200*	–	–	–	–
Gl752B	19 16 57.6	+05 09 02.2	M8V	–	2640*	–	–	164.30	–
LP412-31	03 20 59.7	+18 54 23.3	M8V	–	2640*	–	–	68.90	–
BRIB0021-0214	00 24 24.6	−01 58 20.1	M9.5V	–	2600*	–	–	86.60	–
BRIB1219-1336	15 08 25.8	+09 36 18.2	M9III	–	3000*	–	–	–	–
IRAS15060+0947	12 21 52.5	−13 53 10.0	M9III	–	3000*	–	–	–	–
PJ1048-3956	10 48 14.6	−39 56 06.0	M9V	–	2600*	–	–	–	–
LHS2065	03 39 35.2	−35 25 44.0	M9V	–	2600*	–	–	117.30	–
LHS2924	08 53 36.2	−03 29 32.1	M9V	–	2600*	–	–	103.80	–
LP944-20	14 28 43.2	+33 10 39.1	M9V	–	2600*	–	–	201.20	–

Table 3 – continued from previous page

Star IDs	R.A. (J2000)	Dec. (J2000)	Sp. Type	M_V mag	$T_{\rm eff}$ K	log (g)	[Fe/H]	Parallax mas	Ref.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
HD31996	04 59 36.3	−14 48 22.5	C7	–	–	–	–	3.99	–
HD70138	08 19 43.1	−18 15 52.8	C	–	–	–	–	1.19	–
HD57160	07 20 59.0	+24 59 58.0	C	–	–	–	–	1.83	–
HD92055	10 37 33.3	−13 23 04.3	C	–	–	–	–	6.18	–
HD76221	08 55 22.9	+17 13 52.5	C	–	–	–	–	0.90	–
HD44984	06 25 28.2	+14 43 19.1	C	–	–	–	–	2.51	–
HD48664	06 44 40.7	+03 18 58.6	C	–	–	–	–	–	–
HD76846	08 59 48.9	+33 46 26.4	C	–	–	–	–	−0.68	–
HD142143	15 50 46.6	+48 28 58.8	M6.5S	–	–	–	–	3.22	–
BD+44-2267	13 21 18.7	+43 59 14.0	S2.5Z	–	–	–	–	–	–
HD064332	07 53 05.3	−11 37 29.3	S4.5	7.64	3500	0.50	−0.34	3.01	54
HD62164	07 42 17.5	−10 52 47.2	S5-S6	–	–	–	–	–	–
HD44544	06 22 23.8	+03 25 27.8	SC5.5	–	–	–	–	0.30	–
2MASSJ0746+2000AB	07 46 42.6	+20 00 32.0	L0.5	–	–	–	–	81.90	–
2MASSJ0208+2542	02 08 18.3	+25 42 53.0	L1	–	–	–	–	10.67	–
2MASSJ1439+1929	14 39 28.4	+19 29 15.0	L1	–	–	–	–	69.60	–
Kelu-1AB	13 05 40.2	−25 41 06.0	L2	–	–	–	–	53.60	–
2MASSJ1146+2230AB	11 46 34.5	+22 30 53.0	L3	–	–	–	–	36.80	–
2MASSJ1506+1321	15 06 54.4	+13 21 06.0	L3	–	–	–	–	70.92	–
2MASSJ0036+1821	00 36 16.2	+18 21 10.0	L3.5	–	–	–	–	114.20	–
2MASSJ2224-0158	22 24 43.8	−01 58 52.0	L4.5	–	–	–	–	88.10	–
2MASSJ1507-1627	15 07 47.7	−16 27 39.0	L5	–	–	–	–	–	–
SDSSJ0539-0059	05 39 52.0	−00 59 02.0	L5	–	–	–	–	–	–
2MASSJ1515+4847	15 15 00.8	+48 47 42.0	L6	–	–	–	–	95.24	–
2MASSJ0825+2115	08 25 19.7	+21 15 52.0	L7.5	–	–	–	–	93.80	–
DENISJ0255-4700	02 55 03.6	−47 00 51.0	L8	–	–	–	–	201.40	–
SDSSJ1254-0122	12 54 53.9	−01 22 47.0	T2	–	–	–	–	84.90	–
2MASSJ0559-1404	05 59 19.1	−14 04 49.0	T4.5	–	–	–	–	97.70	–

Table 4. EW of the *I*-band indices. Part 1.

Star IDs	Ca1	Ca2	Ca3	Pa1	Pa2	Pa3	Mg
				Supergiants			
HD007927	2.83 ± 0.20	3.72 ± 0.16	4.12 ± 0.09	1.48 ± 0.12	2.76 ± 0.21	2.85 ± 0.15	0.11 ± 0.06
HD006130	2.35 ± 0.15	4.50 ± 0.12	5.00 ± 0.06	1.08 ± 0.09	2.97 ± 0.16	4.14 ± 0.11	0.17 ± 0.03
HD135153	2.21 ± 0.16	4.69 ± 0.12	5.67 ± 0.05	1.10 ± 0.10	3.39 ± 0.16	4.12 ± 0.09	0.08 ± 0.07
HD164136	1.41 ± 0.06	2.99 ± 0.05	3.13 ± 0.04	0.45 ± 0.04	1.35 ± 0.07	2.38 ± 0.08	0.17 ± 0.04
HD182835	2.88 ± 0.16	5.44 ± 0.13	5.92 ± 0.07	1.30 ± 0.10	3.16 ± 0.20	3.74 ± 0.11	0.18 ± 0.05
HD213306	2.54 ± 0.08	6.53 ± 0.06	5.16 ± 0.07	0.50 ± 0.05	0.82 ± 0.17	1.08 ± 0.12	0.28 ± 0.06
HD201078	2.24 ± 0.08	4.76 ± 0.06	4.42 ± 0.05	0.58 ± 0.05	1.55 ± 0.10	2.30 ± 0.12	0.20 ± 0.06
HD51956	2.08 ± 0.03	5.08 ± 0.02	4.04 ± 0.06	0.25 ± 0.02	0.43 ± 0.07	0.77 ± 0.14	0.32 ± 0.06
HD185018	2.00 ± 0.05	5.05 ± 0.04	4.00 ± 0.07	0.37 ± 0.03	0.67 ± 0.15	0.81 ± 0.13	0.36 ± 0.06
HD216219	1.18 ± 0.05	3.13 ± 0.04	2.42 ± 0.03	0.12 ± 0.03	0.39 ± 0.09	1.11 ± 0.07	0.17 ± 0.04
HD074395	2.23 ± 0.07	5.69 ± 0.06	4.54 ± 0.07	0.38 ± 0.04	0.53 ± 0.14	1.06 ± 0.15	0.47 ± 0.08
HD042454	2.56 ± 0.04	6.12 ± 0.04	4.95 ± 0.09	0.40 ± 0.03	0.29 ± 0.15	0.76 ± 0.19	0.33 ± 0.06
HD202314	2.05 ± 0.05	5.20 ± 0.04	4.05 ± 0.08	0.34 ± 0.03	0.40 ± 0.13	0.81 ± 0.18	0.39 ± 0.08
HD003421	1.93 ± 0.07	4.46 ± 0.06	3.60 ± 0.06	0.32 ± 0.04	0.50 ± 0.15	1.09 ± 0.11	0.22 ± 0.06

[1] The temperatures with asterisks are obtained with the Luminosity-Temperature relation of Carroll & Ostlie (1996). The Ref. column give references for the literature values of $T_{\rm eff}$, log(g) and [Fe/H]: (1) Kovtyukh (2007), (2) Gray et al. (2001), (3) Venn (1995), (4) Jasniewicz et al. (2006), (5) Soubiran et al. (2010), (6) Holmberg et al. (2008), (7) Luck & Wepfer (1995), (8) Balachandran (1990), (9) Boesgaard & Friel (1990), (10) Boesgaard & Tripicco (1986), (11) Cenarro et al. (2007), (12) Arellano Ferro (2010), (13) Boesgaard & Lavery (1986), (14) Edvardsson et al. (1984), (15) Gehren (1981), (16) Andrievsky et al. (2002), (17) Cornide & Rego (1984), (18) Edvardsson et al. (1993), (19) Luck & Bond (1980), (20) Barbuy & Erdelyi-Mendes (1989), (21) Lèbre et al. (2009), (22) Krishnaswamy & Sneden (1985), (23) Mallik (1998), (24) Cayrel de Strobel et al. (1981), (25) Lyubimkov et al. (2010), (26) Santos et al. (2004), (27) Hekker & Meléndez (2007), (28) Kipper (2008), (29) Takeda et al. (2008), (30) Castro et al. (1999), (31) McWilliam (1990), (32) Gratton & Sneden (1991), (33) Lambert & Ries (1981), (34) Spite & Spite (1980), (35) Fuhrmann (1998), (36) Goss et al. (1982), (37) Luck & Heiter (2007), (38) Gonzalez et al. (1999), (39) Cottrell & Sneden (1986), (40) Randich et al. (1999), (41) Perrin (1983), (42) Soubiran et al. (2008), (43) Malkan et al. (2002), (44) Luck (1982), (45) Levesque et al. (2005), (46) Tomkin & Lambert (1999), (47) Strassmeier & Schordan (2000), (48) Carr et al. (2000), (49) Zboril & Byrne (1998), (50) Smith & Lambert (1986), (51) Mirtorabi et al. (2003), (52) Lançon et al. (2007), (53) Kučinskas et al. (2005), (54) Smith & Lambert (1990)