Name	Spec. type	Var. type	Period (days)	HIP	parallax (mas)	D (pc)	Tc	A_V (mag)	m_{bol} (mag)	L ($L_\odot$)	T_{eff} (K)	P_0 (days)	P_1 (days)
CC Tuc	M2	Lb		4879	4.06 ± 0.60	246^{+43}_{-31}		0.1	4.52	730^{+370}_{-220}	3750		
S 22	M2S	–		5091	2.43 ± 0.89	412^{+237}_{-111}	N	0.1	5.14	1150^{+1980}_{-590}	3490		
TV Hor	M4	SRb	30.	11648	3.30 ± 0.54	303^{+59}_{-43}		0.1	3.94	1880^{+1060}_{-620}	3397	122^{+70}_{-47}	59^{+26}_{-17}
S 89	S	Lb		19853	3.79 ± 1.05	264^{+101}_{-57}	Y	0.45	3.92	1460^{+1600}_{-640}	3295		
Y Lyn	M5S	SRc	110.	36288	4.03 ± 1.33	248^{+122}_{-61}	Y	0.25	2.65	4130^{+5950}_{-1980}	3129	361^{+500}_{-186}	138^{+131}_{-57}
BC CMi	M4	SRb	35.	38406	7.77 ± 0.99	129^{+18}_{-15}		0.12	3.69	430^{+180}_{-120}	3397	29^{+14}_{-9}	20^{+6}_{-5}
NQ Pup	S	Lb		38502	3.01 ± 1.11	332^{+194}_{-89}	Y	0.5	4.92	920^{+1610}_{-430}	3490		
C 1968	C	–		38787	1.74 ± 0.70	575^{+387}_{-165}		0.55	4.57	3800^{+7860}_{-2040}	(2500)		
S 500	S	–		41107	2.33 ± 0.55	429^{+133}_{-82}		0.2	4.09	3010^{+2650}_{-1210}	3550		
GO Vel	M4	SRb	75.	42315	2.66 ± 0.63	376^{+117}_{-72}		0.3	4.41	1880^{+1660}_{-760}	3490	111^{+97}_{-51}	55^{+34}_{-20}
S Car	M3	M	149.6	49751	2.47 ± 0.63	405^{+138}_{-82}	N	0.3	4.45	2100^{+2040}_{-880}	3550	114^{+108}_{-52}	57^{+37}_{-21}
GY Vel	M5	Lb		50332	4.66 ± 0.63	215^{+33}_{-26}		0.3	3.28	1730^{+790}_{-510}	3397		
C 2829	C/R	–		52271	3.40 ± 0.71	294^{+78}_{-51}	N	0.6	6.47	170^{+130}_{-55}	4418		
TZ Car	C	SRb	69.0	52656	3.29 ± 0.85	304^{+106}_{-62}		0.2	5.50	450^{+450}_{-190}	(2500)	100^{+106}_{-49}	51^{+37}_{-20}
C 2925	C/R	–		53810	6.19 ± 1.01	162^{+31}_{-23}		0.2	7.69	$17^{+9.5}_{-5.6}$	4773		
S 729	M1S	–		54725	4.82 ± 0.87	207^{+46}_{-31}		0.25	4.45	550^{+270}_{-190}	3650		
C 2975	C/R5	–		54806	31.2 ± 14.1	32^{+26}_{-10}		0.45	8.99	$0.20^{+0.52}_{-0.11}$	4000		
C 3001	C/R	–		55448	3.38 ± 1.57	296^{+256}_{-94}		0.2	8.04	41^{+115}_{-23}	2600		
V810 Cen	G0I	SRd	130.	57175	1.27 ± 0.52	787^{+546}_{-228}		0.5	4.40	8300^{+17800}_{-4480}	5878	60^{+126}_{-35}	35^{+49}_{-16}
μ Mus	K4	Lb		57581	7.55 ± 0.52	132^{+10}_{-8}		0.5	3.34	620^{+170}_{-120}	4180		
S 796	M2S	–		60979	3.55 ± 0.76	282^{+76}_{-50}		0.3	3.90	1700^{+1300}_{-650}	3650		
BO Mus	M6	Lb		61404	3.25 ± 0.61	308^{+71}_{-49}		0.3	2.10	10640^{+7030}_{-3780}	3295		
UX Cen	C	SRb	122.	65242	2.51 ± 0.96	398^{+247}_{-110}		0.3	4.87	1370^{+2570}_{-710}	(2500)	294^{+542}_{-170}	117^{+146}_{-54}
S 826	S	–		66783	3.42 ± 0.65	292^{+69}_{-46}		0.75	3.81	1970^{+1330}_{-690}	3397		
S 867	M2S	–		72989	4.24 ± 1.02	236^{+75}_{-46}		0.3	4.88	480^{+430}_{-200}	3490		
R Nor	M3	M	490.2	76377	5.14 ± 1.87	195^{+111}_{-52}		0.35	2.17	3990^{+6780}_{-2030}	3295	285^{+467}_{-153}	115^{+128}_{-51}
S 937	M2S	–		81970	3.32 ± 1.14	301^{+158}_{-77}	N	0.75	4.68	940^{+1460}_{-470}	3650		
S 938	S	–		82038	4.30 ± 1.07	233^{+77}_{-47}	N	0.75	4.34	770^{+720}_{-320}	3490		
S 996	S	–		86494	2.28 ± 1.01	439^{+348}_{-135}		0.5	5.56	890^{+880}_{-460}	3750		
V626 Ara	M3	Lb		86628	2.20 ± 0.96	455^{+351}_{-139}		0.55	3.78	4930^{+12030}_{-2760}	3550		
V Pav	C	SRa	225.	86728	3.32 ± 0.83	301^{+101}_{-60}		0.35	3.35	3200^{+3060}_{-1330}	2500	669^{+667}_{-339}	222^{+156}_{-86}
94 Her	F2II	–		87998	4.10 ± 0.55	244^{+38}_{-29}		0.2	4.07	1080^{+500}_{-320}	6860		
S 1053	S	–		90723	1.83 ± 0.67	546^{+316}_{-146}	Y	0.25	5.18	1960^{+3400}_{-1000}	3550		
V3879 Sgr	M4	SRb	50.	91781	2.67 ± 1.01	375^{+227}_{-103}		0.5	2.46	11180^{+20410}_{-5810}	3397	687^{+1210}_{-378}	226^{+270}_{-101}
R Sct	K0I	RVa	140.2	92202	2.32 ± 0.82	431^{+236}_{-113}		0.5	4.36	2580^{+4200}_{-1300}	4418	60^{+93}_{-32}	34^{+36}_{-14}
V450 Aql	M8	SRa	64.2	96204	3.80 ± 0.90	263^{+82}_{-50}		0.45	2.78	4120^{+3650}_{-1660}	3397	260^{+230}_{-117}	107^{+67}_{-38}
C 4614	C/R	–		98958	2.32 ± 1.16	431^{+431}_{-144}		0.15	7.38	160^{+540}_{-95}	4418		
S 1194	S	–		99312	2.25 ± 0.77	444^{+232}_{-113}	N	0.3	3.51	600^{+920}_{-300}	3930		
HD 196130	K0	–		101859	2.56 ± 1.20	391^{+344}_{-125}		0.1	7.57	110^{+320}_{-60}	4418		
S 1254	MS	–		103476	2.16 ± 0.82	463^{+283}_{-127}	Y	0.2	4.18	3520^{+6500}_{-1830}	3397		
Y Pav	C	SRb	233.3	105678	2.76 ± 0.71	362^{+126}_{-74}		0.1	3.47	4130^{+4100}_{-1750}	2500	857^{+886}_{-430}	269^{+195}_{-108}
π Gru	S	SRb	150.	110478	6.54 ± 1.01	153^{+28}_{-21}	Y	0.1	1.04	6920^{+3700}_{-2220}	2500	1420^{+810}_{-540}	369^{+163}_{-116}