Table 3. Radial velocities: star name, HJD (2449000 +) of observation, heliocentric RV (in km s^{-1}) and error, number of lines used (N), spectral region (SR)

Star name	HJD	RV	N	SR
SAO 11215	639.8879	10.3±1.8	19	Li
	642.7659	7.8±3.0	15	Hα
HD 9902	639.7887	59.6±2.3	14	Li
BD+30 397	637.8894	7.1±1.5	14	Li
	642.8542	6.0±1.9	20	Hα
HD 32199	639.8979	-19.0±1.0	19	Li
	642.9799	-20.4±2.0	18	Hα
BD+26 1682	638.9776	24.8±2.5	15	Li
SAO 80493	335.9433	32.7±3.3	8	Li
HD 104753	796.6894	42.1±1.1	2	Li
HD 143271	797.8669	-6.0±5.0	17	Li
HD 167389	638.6137	-3.0±2.6	18	Li
HD 234601	639.5820	-16.5±1.6	16	Li
HD 170527	638.6305	-50.2±4.0	11	Li
HD 189733	637.6859	17.6±1.1	19	Li
HD 222143	337.6912	3.0±1.1	18	Li
	642.6966	0.6±1.3	15	Hα

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Table 2. Summary of stellar data: star name, V-band magnitude (V), inferred spectral type, trigonometric or photometric (values indicated by ":") distance (D) in pc, Li I 6708 Å equivalent width (Li) in mÅ or detection flag, Hα and Ca II H & K (Ca II) lines detection flag, Period of photometric variability (P) in days, $v\ sin\ i$ (vsini) in km s^{-1}, log L$_X$ (where L$_X$ is in 10^{30} erg s^{-1} units) from the ROSAT PSPC (PSPC) and the EXOSAT CMA (CMA), Li abundance (A$_{Li}$) in logaritmic scale (H abundance = 12), the symbol ‡ indicates the faint stars whose spectral types were evaluated from photographic plates data

star name	V	spectral type	D	Li	Hα	Ca II	P	vsini	PSPC	CMA	A$_{Li}$
SAO 11215	9.36	G8IV/V+G3V	111	65	pf			10	30.6	30.0	2.2
HD 9902	8.63	G3V/IV + G4V/IV	116:	55^1	a	a	7.30	12^1	30.4	30.3	2.7^1
BD+30 397 A	10.19	K6 PMS	42	260	e		9.38	5	30.0	29.9	2.0
SAO 130113	9.53	G7V + K5:V	76:	n	pf	a	2.63	18	30.3	30.3	1.1
EXO 041429.5+1206.7 ‡	13.4:	M4:Ve	24:	n	e				28.9	28.9	
EXO 042220.4+1709.3	13.21	M3V + M3V + M4:V	48:	n	e		?		29.5	29.2	
EXO 042535.0+1735.2	12.16	M1V + M3:V^2	47:	n	e				29.5	29.2	
HD 32199	8.91	G5V + M:V	63:	<3	a	a		2		29.4	<0.8
EXO 051342.5+4547.5	10.11	M0/1V + M5:V	13:		f				28.3	28.1	
EXO 073049.3+3156.4 ‡	12.3:	K0:V:	190:	n	pf	e				30.6	
BD+26 1682	10.14	K4:V	40:	<7	a	e?		10		28.8	<0.1
EXO 080731.0+2758.5 ‡	11.6:	K1:Ve	125:	n	e					29.9	
SAO 80493	8.58	F5V	99	65	a	a	<2.7	23		29.6	2.8
HD 95976	7.50	F4/5V	68	n	a	a	8.8			29.7	
HD 99900	8.58	F0IV + ?	157	n	pf	a	1.2	80	30.4	30.5	
HD104753	9.26	G2/3IV + ?	151	<10	pf	a		17		30.1	<1.5
EXO 122956.0+2039.8	12.89	M3Ve	26:	n	e				28.9	28.5	
EXO 125936.0+1238.5	12.77	M2.5Ve	27:	n	e				29.0	29.0	
EXO 130944.0+3229.3 ‡	14.3:	M1:V	85:	n	f					29.7	
HD 116544	9.08	K3/4IV/V + ?	113			e	8.13	27	30.9	30.6	0.3
EXO 143138.3+3637.8 ‡	14.0:	M1:Ve	65:	n	e					29.0	
HD 143271	8.48	G4III	330	<5	a	a	27.46	12		30.8	<0.8
HD 167605	8.50	K1/2V + M4:Ve	31	n	pf	e	8.54	5	29.2	29.2	
HD 167389	7.38	G3V + K7:V	33	65	a	a		3		28.8	2.5
HD 234601	8.93	G2/3V	73:	115	a	a	7.35	7		29.3	2.7
EXO 181915.4+5038.7 ‡	14.4:	M3:V	35:	n	f					28.2	
HD 170527	6.81	G9: PMS	160	370	pf	e	25.5	23	30.8	30.9	3.5
HD 189733	7.67	K2V	19	<5	a	a		4	28.4	28.2	<-0.04
HD 334415	8.81	B5:Ve + B6:Ve	980:	n	pf		2.60	50:^{3}		31.9	
BD+16 4908	10.96	G5V + K2V	181:	y	pf		2.27			30.2	
HD 220091	6.67	F0/1IV	66	n	a	a				29.2	
HD 222143	6.58	G3/4V	23	50	a	a	7.5	6	29.1	29.1	2.2

Notes: n=line not detectable; y=line detectable; a=absorption line; pf=line partially filled-in by emission; f=line filled-in by emission; e=emission line; **1**: SB2 system, Li EW = 55 mÅ for both components, $v\ sin\ i$ = 12 and 7 km s^{-1}, A$_{Li}$ = 2.7 and 2.6; **2**: visual binary, both stars are constituted by M1V + M3:V components; **3**: SB2, $v\ sin\ i$ = 50: and 30: km s^{-1}