

Search for red dwarfs among X-ray objects of the deep survey of the equatorial region of sky using eROSITA data

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The list of identification objects

Data description:

1. № - record number.
2. RAJ_Corr - Right ascension (J2000), corrected (deg).
3. DEJ_Corr - Declination (J2000), corrected (deg).
4. ErCor - Combined positional error, corrected (arcsec).
5. eFEDS_Name - Name from eFEDS catalogue.
6. RAJ - Right ascension (J2000), for probable candidate (deg).
7. DEJ - Declination (J2000), for probable candidate (deg).
8. Dist - Distance betvin eFEDS sources and probable candidate (arcsec).
9. SIMBAD_Basic_Identification - SIMBAD basic identification.
10. Type - Object classification in SIMBAD.
11. V_mag - V magnitude from SIMBAD, or calculated from GAIA or SDSS.
12. SpTyp - spectral type from SIMBAD, SDSS or calculated from GAIA.
13. XF - detected X-ray flux.
14. Teff - Effective temperature (K).
15. Rsol - Radius in solar unit.
16. Lsol - Luminosity in solar unit.
17. Rotation - Rotation period from VSX (day).
18. Note - Comments.

№	RAJ_Corr	DEJ_Corr	ErCor	eFEDS_Name	RAJ	DEJ	Dist	SIMBAD_Basic_Identification	Type	V_mag	SpTyp	XF	Teff	Rsol	Lsol	Rotation	Note
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1	127.19843	0.02398	1.70	eFEDS J082847.6+000126	127.19855	0.02426	0.95	StKM 1-703	Star	11.112	K5V		4669.20	0.67	0.190		
2	128.10217	2.00864	4.43	eFEDS J083224.5+020031	128.10194	2.01036	6.00	TYC214-113-1	PM*	11.221	K3V		4898.37	0.80	0.335		
3	128.43294	4.23203	2.16	eFEDS J083343.9+041355	128.43248	4.23275	2.47	TYC218-1167-1	Star	11.580	K3.5V		5100.33	0.57	0.181		
4	128.63041	-0.72618	0.98	eFEDS J083431.3-004334	128.63188	-0.72606	4.70	HD72760	PM*	7.288	K0V	X	5339.00	0.83	0.501		
5	128.70561	0.29243	6.36	eFEDS J083449.3+001733	128.70598	0.29422	6.42	TYC210-1860-1	Star	12.284	G9V		5454.00	0.89	0.636		1
6	128.84225	3.72338	3.97	eFEDS J083522.1+034324	128.84286	3.72380	2.77	TYC214-1435-1	Star	11.490	K0V		5329.23	0.81	0.481		2
7	128.87554	-0.28369	4.71	eFEDS J083530.1-001701	128.87637	-0.28256	4.72	TYC 4862-1374-1	Star	11.728	K1V		5210.53	0.93	0.571		
8	128.95150	-2.25107	2.43	eFEDS J083548.4-021504	128.95247	-2.25191	3.85	Gaia DR2 3072788382888799232	Star	13.165	M1.5V		3848.00	0.59	0.070		
9	129.21451	2.41350	1.44	eFEDS J083651.5+022449	129.21483	2.41368	1.26	TYC214-788-1	Star	11.649	K3V		4836.33	0.78	0.297		
10	129.23753	4.30749	3.50	eFEDS J083657.0+041827	129.23711	4.30720	1.81	TYC218-1127-1	Star	11.564	K2V		5114.83	0.76	0.360		
11	129.33933	2.98113	0.89	eFEDS J083721.4+025852	129.33940	2.98119	0.46	TYC214-1872-1	Star	11.312	K5V	X	4859.67	0.58	0.166	0.690566	
12	129.42353	2.11404	4.45	eFEDS J083741.6+020651	129.42375	2.11400	0.89	TYC215-961-1	PM*	9.779	G4V		5654.33	0.94	0.821		
13	129.53792	2.51159	1.61	eFEDS J083809.1+023042	129.53847	2.51214	2.68	BD+032024	PM*	9.635	G9V		5405.00	0.84	0.541		
14	129.55411	-1.15606	2.51	eFEDS J083813.0-010922	129.55521	-1.15555	3.76	TYC 4863-571-1	PM*	10.933	K2.5V		4951.92	0.80	0.347		
15	129.70090	2.58047	4.94	eFEDS J083848.2+023450	129.70172	2.57920	5.73	Gaia DR2 3079158506583841024	Star	12.816	K2V		5033.00	0.86	0.426		
16	129.92364	-1.19269	5.18	eFEDS J083941.7-011134	129.92474	-1.19283	3.29	TYC 4863-1195-1	PM*	11.438	K4.5V		4644.50	0.68	0.193		
17	130.11169	0.27347	4.84	eFEDS J084026.8+001624	130.11285	0.27315	3.99	TYC211-253-1	PM*	11.556	K2V		5046.62	0.77	0.342		
18	130.21775	-2.25922	3.97	eFEDS J084052.3-021533	130.21886	-2.25984	3.70	TYC 4867-1258-1	Star	11.532	K1.5V		5161.80	0.81	0.416		3

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
19	130.27402	2.85666	2.62	eFEDS J084105.8+025124	130.27444	2.85717	2.28	TYC215-1164-1	PM*	10.317	K3V		4898.03	0.81	0.341		
20	130.36591	-1.23443	2.63	eFEDS J084127.8-011404	130.36639	-1.23407	1.67	UCAC4 444-047525	PM*	14.402	M0.5V		3837.00	0.65	0.083		
21	130.51008	1.05766	4.24	eFEDS J084202.4+010328	130.51021	1.05732	1.40	TYC211-1314-1	Star	11.167	G8V		5459.00	1.03	0.847		
22	130.60779	-0.29843	6.96	eFEDS J084225.9-001754	130.60979	-0.29900	6.99	TYC 4863-498-1	Star	12.349	K0V		5424.00	0.90	0.630		
23	130.64573	1.41727	2.82	eFEDS J084235.0+012502	130.64516	1.41761	2.42	TYC211-689-1	Star	10.537	K2.5V		4978.76	1.01	0.570		
24	131.02537	0.76238	5.90	eFEDS J084406.1+004545	131.02563	0.76407	6.00	TYC211-796-1	Star	11.694	K1V		5176.50	0.86	0.475		4
25	131.17473	0.73792	0.94	eFEDS J084441.9+004417	131.17555	0.73776	2.74	TYC211-1502-1	PM*	10.259	K4.5V	X	4808.92	0.90	0.390	35.170158	
26	131.67697	3.49646	4.03	eFEDS J084642.5+032947	131.67702	3.49627	1.15	TYC216-895-1	PM*	10.610	K2V		5031.60	0.98	0.557		
27	131.73112	3.39503	2.29	eFEDS J084655.5+032342	131.73207	3.39571	4.24	TYC216-1010-1	Star	11.813	K1.5V		5051.33	0.72	0.306		
28	131.82035	3.01396	3.45	eFEDS J084716.9+030050	131.82184	3.01439	5.69	LSPM J0847+0300	l-m*	0.000			-	-	-		5
29	131.86254	0.23254	1.61	eFEDS J084727.0+001357	131.86316	0.23260	1.84	TYC212-1457-1	PM*	11.336	K2V		5040.50	0.82	0.392		
30	131.89303	0.00000	2.28	eFEDS J084734.3+000135	131.89319	0.02709	2.27	BD+002393B	Star	9.012	G8V		5576.00	1.02	0.899		
31	132.07471	4.94681	15.11	eFEDS J084817.9+045649	132.07298	4.94583	6.90	SDSS J084817.52+045645.0	l-m	20.101	M2.5V		-	-	-		5, 6
32	132.29659	0.49321	1.52	eFEDS J084911.2+002936	132.29761	0.49346	3.42	BD+012178	PM*	9.951	K1.5V	X	5100.00	0.79	0.377		
33	132.30193	3.48500	1.47	eFEDS J084912.5+032906	132.30220	3.48476	1.77	HD75302	PM*	7.435	G6V	X	5699.33	0.94	0.842		
34	132.79900	5.16322	1.71	eFEDS J085111.8+050948	132.79921	5.16309	1.72	BD+052067	PM*	9.148	G8V		5530.00	0.94	0.752		
35	132.80496	1.33454	1.42	eFEDS J085113.2+012004	132.80530	1.33481	1.32	HD75639	PM*	9.011	K2V		5024.10	0.71	0.293		
36	132.81335	-2.06289	8.08	eFEDS J085115.2-020346	132.81340	-2.06288	0.74	TYC 4868-1117-1	Star	11.792	K6.5V		4185.00	0.78	0.169		7
37	132.83294	3.46059	3.66	eFEDS J085119.9+032738	132.83348	3.46194	5.01	TYC216-289-1	PM*	10.669	K2.5V		4915.29	0.78	0.324		
38	132.97546	5.81898	7.19	eFEDS J085154.1+054908	132.97534	5.81820	3.38	SDSS J085154.07+054905.4	Star	14.956	K0V		5422.67	0.80	0.500		
39	132.98434	-0.77111	1.49	eFEDS J085156.2-004616	132.98486	-0.77056	2.34	TYC 4864-260-1	Star	11.871	G7V		5803.67	0.79	0.641		
40	133.04400	1.45513	4.22	eFEDS J085210.6+012718	133.04358	1.45643	4.77	TYC212-329-1	Star	11.388	K3V		4860.35	0.90	0.407		8
41	133.29281	-0.98661	4.00	eFEDS J085310.3-005912	133.29318	-0.98700	1.52	TYC 4865-809-1	Star	11.510	G4V		5752.00	0.98	0.938		
42	133.34866	1.88110	7.45	eFEDS J085323.7+015252	133.34972	1.88173	4.29	SDSS J085323.93+015254.3	l-m*	20.122	M5.5V		-	-	-		5
43	133.42820	4.48503	4.10	eFEDS J085342.8+042906	133.42946	4.48423	6.05	SDSS J085343.07+042903.2	Star	18.155	M5.5V		4067.17	0.00	0.000		
44	133.79566	1.27338	2.80	eFEDS J085511.0+011624	133.79553	1.27204	5.06	TYC213-1211-1	PM*	11.930	K1.5V		5164.00	0.87	0.486		9
45	134.14459	2.52806	3.57	eFEDS J085634.7+023141	134.14420	2.52770	2.05	2MASS J08563459+0231397	Star	12.187	K3.5V		4811.28	1.03	0.507		
46	134.27526	-1.30452	9.11	eFEDS J085706.1-011816	134.27431	-1.30338	5.87	TYC 4865-550-1	PM*	12.013	G9V		5446.33	0.98	0.755		
47	134.43835	2.82549	5.23	eFEDS J085745.2+024932	134.43692	2.82546	5.00	TYC217-1083-1	Star	11.300	G0V		5897.50	0.96	1.000		
48	134.51207	-1.52615	1.91	eFEDS J085802.9-013134	134.51193	-1.52601	1.42	TYC 4865-710-1	Star	11.484	K0.5V		5254.58	1.01	0.703		
49	134.79389	3.22182	1.55	eFEDS J085910.5+031319	134.79434	3.22111	3.44	2MASS J08591064+0313160	PM*	13.188	M0V	X	3958.67	0.98	0.214		
50	134.95820	-1.57913	6.47	eFEDS J085950.0-013445	134.95921	-1.58060	5.93	BD-012173B	PM*	10.252	K2V		5057.43	0.76	0.338		
51	135.30278	2.74584	3.75	eFEDS J090112.7+024445	135.30299	2.74522	2.70	HD77213B	PM*	9.397	G7V		5628.00	1.01	0.931		
52	135.53896	4.12879	2.94	eFEDS J090209.4+040744	135.53957	4.12857	2.90	SDSS J090209.49+040742.8	l-m*	17.771	M4.5V		4613.21	0.00	0.000		5, 10
53	135.54426	0.92304	3.35	eFEDS J090210.6+005523	135.54445	0.92246	2.28	TYC226-1775-1	Star	11.253	G4V		5709.81	0.95	0.871		
54	135.63181	-0.87958	2.31	eFEDS J090231.6-005246	135.63165	-0.87926	1.69	TYC 4878-1191-1	Star	11.460	K3.5V		5033.25	0.61	0.218		
55	135.69856	0.67308	2.44	eFEDS J090247.7+004023	135.69833	0.67338	1.49	TYC226-2364-1	Star	11.503	G4V		5732.00	1.01	1.100		
56	135.73150	2.22290	3.60	eFEDS J090255.6+021322	135.73109	2.22425	4.82	TYC226-1529-1	Star	11.609	G9V		5540.00	0.90	0.691		
57	135.82111	2.61683	2.77	eFEDS J090317.1+023701	135.82127	2.61664	1.17	CCDM J09033+0237B	PM*	12.263	K6.5V		4433.50	0.60	0.124		
58	136.01421	-0.38688	5.21	eFEDS J090403.4-002313	136.01466	-0.38630	2.34	TYC 4878-293-1	Star	11.944	G9V		5413.25	0.86	0.574		
59	136.09356	0.26729	3.23	eFEDS J090422.5+001602	136.09473	0.26750	3.88	SDSS J090422.74+001603.0	l-m*	0.000			-	-	-		5
60	136.12252	2.58694	5.57	eFEDS J090429.4+023513	136.12323	2.58631	3.69	SDSS J090429.58+023510.7	l-m*	20.220	M5.5V		-	-	-		5

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
61	136.23266	3.88549	1.05	eFEDS J090455.8+035308	136.23282	3.88534	1.34	TYC229-1396-1	Star	11.312	G9V	X	5409.50	0.89	0.607		
62	136.41202	3.92028	4.57	eFEDS J090538.9+035513	136.41132	3.92068	2.36	TYC229-1438-1	PM*	11.341	K1.5V		5166.00	0.81	0.424		
*63	137.03382	-0.76932	2.84	eFEDS J090808.1-004610	137.03473	-0.76928	2.67	SDSS J090808.33-004609.4	Star	14.768	K4.5V		4946.75	0.86	0.397		11
64	137.06602	4.37278	3.03	eFEDS J090815.8+042222	137.06659	4.37303	2.58	TYC229-247-1	Star	11.746	G9V		5545.90	0.86	0.623		
65	137.11799	0.90175	4.51	eFEDS J090828.3+005406	137.11894	0.90186	3.18	StKM 1-750	PM*	10.735	K5.5V		4447.00	0.69	0.169		
66	137.37474	-0.39895	4.70	eFEDS J090929.9-002356	137.37569	-0.39843	3.41	HD78663	PM*	8.601	K0V		5395.75	0.73	0.409		
67	137.41923	1.74823	1.77	eFEDS J090940.6+014454	137.41872	1.74885	2.77	2MASS J09094049+0144559	Star	14.862	M3V	X	3965.05	0.51	0.058		
68	137.47465	5.20332	1.30	eFEDS J090953.9+051212	137.47551	5.20349	3.76	HD78727	PM*	8.334	K3V		4876.11	0.82	0.344		
69	137.55231	1.49411	1.95	eFEDS J091012.6+012939	137.55133	1.49432	3.70	BD+022151	PM*	10.199	K2V		5106.00	0.81	0.403		
70	137.59826	1.81027	4.74	eFEDS J091023.6+014837	137.59747	1.81066	3.12	TYC227-1263-1	Star	12.268	G7V		5729.96	0.95	0.871		
71	137.74183	3.60319	1.95	eFEDS J091058.0+033611	137.74239	3.60361	2.59	TYC230-1211-1	Star	10.846	G9V		5527.00	0.95	0.766		
72	137.79145	5.06317	2.15	eFEDS J091109.9+050347	137.79158	5.06390	2.38	TYC233-1643-1	PM*	10.505	K1V		5197.95	0.80	0.419		
73	137.98746	-2.27653	6.15	eFEDS J091157.0-021636	137.98781	-2.27575	2.97	TYC 4883-689-1	Star	11.121	G9V		5371.00	0.87	0.562		
74	138.14529	-1.15867	3.50	eFEDS J091234.9-010931	138.14607	-1.15885	2.21	TYC 4879-879-1	Star	11.560	K2V		4997.12	0.77	0.334		
75	138.16902	1.13897	3.59	eFEDS J091240.6+010820	138.17036	1.13868	4.77	TYC227-448-1	PM*	11.351	K3V		4860.13	0.72	0.261		
76	138.24373	0.51509	4.17	eFEDS J091258.5+003054	138.24356	0.51560	1.98	TYC227-1961-1	Star	11.221	K1.5V		5169.24	0.78	0.391		
77	138.37700	-2.26637	1.83	eFEDS J091330.5-021559	138.37761	-2.26621	1.42	TYC 4883-646-1	Star	11.488	G7V		5500.86	1.03	0.882		
78	138.42875	5.51785	2.17	eFEDS J091342.9+053104	138.42888	5.51817	1.36	TYC233-922-1	Star	11.697	K2V		5086.76	0.85	0.432		
79	138.44682	4.41977	1.82	eFEDS J091347.2+042511	138.44586	4.42085	4.51	HD79375	PM*	8.839	G9V		5456.00	0.84	0.562		
80	138.51276	-1.96814	5.13	eFEDS J091403.1-015805	138.51317	-1.96867	1.91	UCAC3 177-111583	Star	11.895	K6V		4325.72	0.79	0.196		
81	138.53781	0.25636	4.00	eFEDS J091409.1+001523	138.53806	0.25621	0.80	G 114-50	PM*	9.740	K1.5V		5087.13	0.85	0.441		
82	138.72288	4.44338	0.81	eFEDS J091453.5+042636	138.72354	4.44284	3.75	HD79555	SB*	7.961	K5V	X	4861.00	0.69	0.238		
83	138.73773	0.58091	4.00	eFEDS J091457.1+003451	138.73668	0.58016	4.98	TYC227-1052-1	Star	11.544	K2.5V		4981.67	0.82	0.375		
84	138.99508	0.99016	9.70	eFEDS J091558.8+005925	138.99557	0.98990	1.88	TYC227-1250-1	Star	11.757	K2V		5082.63	1.07	0.682		
85	139.08505	-2.03021	3.11	eFEDS J091620.4-020149	139.08685	-2.03000	5.66	TYC 4884-117-1	Star	11.469	G9V		5540.00	0.82	0.573		
86	139.47407	-0.06767	3.10	eFEDS J091753.8-000404	139.47310	-0.06844	4.85	TYC 4880-182-1	Star	11.964	K1V		5267.00	0.90	0.558		12
87	139.59769	4.40708	4.78	eFEDS J091823.4+042425	139.59695	4.40799	3.55	BD+052155	Star	10.978	G8V		5756.25	0.96	0.912		
88	139.71186	2.75076	2.38	eFEDS J091850.8+024503	139.71198	2.75086	0.58	StKM 1-766	Pec*	11.719	K7V		4193.92	0.88	0.217		
89	140.33438	-0.89878	3.33	eFEDS J092120.3-005356	140.33369	-0.89854	3.25	TYC 4880-129-1	Star	10.279	G4V		5740.05	0.96	0.900		
90	140.42737	2.51755	0.96	eFEDS J092142.6+023103	140.42783	2.51782	1.89	TYC231-1587-1	RoV*	11.381	K0V	X	5382.25	0.97	0.707	0.53298	13
91	140.46699	-0.99475	4.79	eFEDS J092152.1-005941	140.46779	-0.99317	6.13	TYC 4880-510-1	Star	11.955	G7V		5762.00	0.93	0.855		14
92	140.63685	2.28481	3.37	eFEDS J092232.8+021705	140.63707	2.28455	1.45	BD+022191	Star	10.673	G4V		5819.12	0.96	0.946		
93	140.66924	4.63607	2.50	eFEDS J092240.6+043810	140.67017	4.63599	3.94	TYC231-751-1	Star	10.768	G4V		5564.00	1.07	0.983		
94	140.79596	-0.03069	6.11	eFEDS J092311.0-000150	140.79576	-0.03115	2.10	SDSS J092310.98-000152.0	l-m*	21.701	M6.5V		-	-	-		5
95	140.91793	-1.33366	5.26	eFEDS J092340.3-012001	140.91832	-1.33399	1.33	TYC 4881-1044-1	PM*	11.609	K2V		5095.29	0.77	0.363		
96	141.14889	-0.47679	0.99	eFEDS J092435.7-002836	141.14922	-0.47717	1.51	HD81266	PM*	9.400	G4V	X	5817.67	1.02	1.081		
97	141.16123	2.34784	3.39	eFEDS J092438.7+022052	141.16040	2.34798	2.96	2MASS J09243849+0220526	Star	14.695	K2.5V	X	4965.00	0.95	0.489		
98	141.22633	-1.25672	4.47	eFEDS J092454.3-011524	141.22743	-1.25624	3.67	TYC 4881-943-1	PM*	11.799	G7V		5891.45	0.98	1.048		
99	141.67616	2.77034	5.84	eFEDS J092642.3+024613	141.67560	2.77053	1.91	TYC231-1177-1	Star	12.281	K3V		4916.66	0.71	0.268		
100	141.96313	-0.96712	5.93	eFEDS J092751.2-005802	141.96477	-0.96728	5.27	TYC 4881-1006-1	Star	11.356	G9V		5422.16	0.85	0.565		
101	142.27322	-1.54818	4.45	eFEDS J092905.6-013253	142.27399	-1.54886	3.12	BD-002202	PM*	10.715	G5V		5669.83	0.97	0.883		
102	142.60145	0.81437	3.45	eFEDS J093024.3+004852	142.60139	0.81520	2.89	TYC235-455-1	Star	10.961	K2V		4982.94	0.70	0.275		

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
103	142.71303	3.03842	11.91	eFEDS J093051.1+030218	142.71223	3.03732	5.05	LP547-74	PM*	11.052	K4V		4814.42	0.66	0.212		
104	143.46284	0.44298	4.18	eFEDS J093351.1+002635	143.46304	0.44302	0.38	BD+012323	PM*	10.654	G7V		5547.25	0.98	0.815		
105	143.50388	-2.34120	4.98	eFEDS J093400.9-022028	143.50464	-2.34011	4.41	TYC 4894-2501-1	Star	11.153	K2V		4917.87	0.75	0.299		
106	143.73632	2.57566	2.46	eFEDS J093456.7+023432	143.73572	2.57609	2.40	TYC238-487-1	Star	10.935	G8V		5444.33	0.96	0.733		
107	143.99680	5.02381	5.61	eFEDS J093559.2+050126	143.99635	5.02401	1.01	BD+052203	PM*	10.423	K1.5V		5104.23	0.76	0.356		
108	144.69487	4.80672	5.56	eFEDS J093846.8+044824	144.69571	4.80749	4.27	TYC238-1001-1	Star	11.221	G7V		5598.95	0.93	0.768		
109	145.04514	4.40373	3.34	eFEDS J094010.8+042413	145.04672	4.40333	6.43	TYC239-494-1	Star	12.207	K2V		5020.78	0.75	0.322		
110	145.14855	4.12192	1.89	eFEDS J094035.7+040719	145.14870	4.12182	1.23	TYC239-2160-1	Star	12.262	K4V		5183.50	1.10	0.780		

Note:

- The * marker next to the record number. Object is probably not a valid identification with red dwarf.

1. Two stars in the field: TYC 210-1860-1 and BD+00 2334 (V=9.45, Sp=K0).

2. Faint star near: Gaia DR2 3080242208438978688 (G_mag=18.058).

3. Two faint star near: Gaia DR1: Source ID 3072407707052266752 (top right, G_mag=16.220) and Source ID 3072407707054922112 (below a bright star, G_mag=19.879).

4. Faint star near. Below the bright star on the right (Gaia DR1: Source ID 3075322168782736384, G_mag=16.838).

5. l-m* - low mass star (low-mass*).

6. Two faint objects in error box: low mass star (SDSS J084817.52+045645.0, G_mag=19.211) and Seyfert 1 Galaxy (SDSS J084818.23+045643.1, G_mag=20.306) - probable identification.

7. Peculiar star near (UCAC4 440-047757, G_mag=13.839).

8. Object below the bright star (Gaia DR1: Source ID 3075652606386315520, G_mag=18.090).

9. Two bright stars in error box: TYC213-1211-1 and Gaia DR2 source ID 576837717289109248 (G_mag=10.593, Teff=5666.60, Rsol=1.18, Lsol=1.297).

10. Close pair of stars: SDSS J090209.49+040742.8 and Gaia DR2 source ID 578617478723879424 (V_mag=17.853, Sp=4.5V, Teff=4305.50).

11. The faint galaxy near (SDSS J090807.97-004613.9, V_mag=19.039). Below the bright star on the right (distance ~ 5 arcsec).

12. Two stars in the field: TYC 4880-182-1 and Gaia DR2 source ID 3842362856369154048 (G_mag=12.866, Teff=4789.52, Rsol=0.70, Lsol=0.233).

13. RoV* - rotation variable (RotV*).

14. Faint star near. Below the bright star on the right (Gaia DR2: Source ID 3839195777550937984, G_mag=18.560).