Table 1: Proper motions for the 59 RASS stars.

Name	Catalog #	$\mu_\alpha \cos\delta$ (mas yr^{-1})	μ_δ (mas yr^{-1})	π (mas)	Sp. Type	V (mag)	Type	Other Names
RXJ0837.0-7856	9402 0921 A	-28.2 ± 1.5	26.2 ± 1.8		K4	10.6	PMS	
SAO 256557 (*)	370092 P	-10.3 ± 2.7	17.0 ± 3.2		K2	8.9	W	RXJ0849.2-7735
RXJ0850.1-7554	9395 2139 A	-19.3 ± 2.2	31.1 ± 1.5		G6	10.6	PMS	
HD 80258	44800 H	34.2 ± 0.7	-15.1 ± 0.5	12.6± 0.6	F7	7.6	UBS	RXJ0907.8-8219
RXJ0917.2-7744	9399 2104 A	-34.0 ± 2.2	13.0 ± 0.9		G0	10.6	W	
CPD -77 503N	45734 H	-107.4 ± 1.3	70.0 ± 1.1	13.7± 1.2	G3	8.0	W	RXJ0919.4-7738
HD 82879	9400 1990 A	-24.1 ± 1.0	17.7 ± 2.4		F6	8.6	W	RXJ0928.5-7815
HR 3860	46928 H	-34.6 ± 0.6	14.7 ± 0.4	6.0 ± 0.5	B5	5.1	UBS	RXJ0933.7-8056
HD 84075	47135 H	-72.9 ± 0.7	49.8 ± 0.6	15.9 ± 0.7	G1	8.6	W	RXJ0936.3-7820
HR 3902	47956 H	83.5 ± 0.5	-56.9 ± 0.4	17.0 ± 0.5	G8	5.4	UBS	RXJ0946.3-7646
HD 85643	48095 H	-152.1 ± 0.6	91.1 ± 0.5	21.1 ± 0.6	F5	6.8	UBS	RXJ0948.2-7546
HD 86356	9404 0195 A	-28.4 ± 1.0	39.5 ± 2.7		G7	10.2	PMS	RXJ0951.9-7901
HD 86588	9404 1702 A	-14.9 ± 1.7	6.5 ± 2.1		F6	9.7	W	RXJ0952.7-7933
RXJ1007.7-8504	49161 H	-563.6 ± 0.8	393.8 ± 0.7	8.9 ± 0.7	G0	8.7	W	
RXJ1009.6-8105	9409 1040 A	13.4 ± 2.4	-24.6 ± 0.9		G8	9.6	W	
HD 92210	51713 H	7.3 ± 0.6	58.3 ± 0.5	12.0 ± 0.6	F3	7.2	UBS	RXJ1033.8-8030
HD 92727	52172 H	3.3 ± 1.6	16.7 ± 1.4	7.8 ± 1.4	G3	9.4	W	RXJ1039.5-7538
LKH$_\alpha$332-20	53691 H	-21.8 ± 2.1	1.6 ± 1.7	7.0 ± 1.9	K2	11.2	CTTS	RXJ1059.1-7701, CHXR 6
CHXR8	9414 444 A	-25.4 ± 2.7	13.4 ± 3.8		G0	11.2	W	B 8
HD 96675	54257 H	-23.1 ± 0.6	1.5 ± 0.5	6.1 ± 0.6	B6	7.7	UBS	RXJ1105.9-7607
CED 110 (*)		-8.0	1.0		K6		CTTS	RXJ1106.3-7721, CHXR 19
CD -76 486	54365 H	-24.3 ± 2.9	3.3 ± 1.1	4.8 ± 3.1	G1	10.6	CTTS	SZ 19, CHXR 23
HD 97048	54413 H	-19.7 ± 0.8	1.7 ± 0.7	5.7 ± 0.8	A0	8.4	Ae/Be	SZ 25, CHXR 29
HD 97300	54557 H	-21.8 ± 1.0	-1.0 ± 0.8	5.3 ± 1.0	B9	8.9	Ae/Be	CHXR 42
LKH$_\alpha$332-21	9410 060 A	-20.5 ± 6.4	7.7 ± 4.0		G8	10.9	CTTS	CHXR 51
HD 99134	9507 2078 A	-10.6 ± 4.3	-6.2 ± 2.4		G3	8.7	W	RXJ1120.6-8420
HD 99827	55746 H	-47.9 ± 0.6	12.1 ± 0.5	12.1 ± 0.6	F5	7.7	W	RXJ1125.8-8457
HD 99558	9411 1468 A	-27.5 ± 1.2	11.8 ± 1.6		K0	8.8	UBS	RXJ1125.7-7626
HR 4479	56675 H	-128.2 ± 0.5	-1.2 ± 0.5	23.7 ± 0.6	F1	5.6	UBS	RXJ1137.3-7553
RXJ1150.4-7704 *(KG)*	S039 54020 S	-40.2 ± 5.1	-5.8 ± 1.3		K4	12.0	PMS	
RXJ1150.9-7411 *(KG)*	S039 293774 S	-39.0 ± 4.2	4.4 ± 2.9		M4	14.4	W	
HD 103673	58180 H	-44.7 ± 0.8	0.9 ± 0.5	21.3 ± 0.7	G5	8.6	UBS	RXJ1155.9-7700
T Cha *(KG)*	58285 H	-39.6 ± 5.1	-9.9 ± 3.7	15.1 ± 3.3	G8	11.9	PMS	RXJ1157.2-7921
RXJ1158.5-7754a *(KG)*	58400 H	-41.4 ± 1.4	-0.8 ± 1.1	11.6 ± 1.3	K4	10.6	PMS	
RXJ1159.7-7601 *(KG)*	58490 H	-39.9 ± 1.7	-4.7 ± 1.4	10.8 ± 1.7	K4	11.3	PMS	
HD 104237 *(KG)*	58520 H	-39.1 ± 0.5	-5.6 ± 0.4	8.6 ± 0.5	A0	6.5	Ae/Be	RXJ1200.1-7811
HD 104467 *(KG)*	9420 1420 A	-40.7 ± 0.8	-5.5 ± 0.8		G5	8.6	PMS	RXJ1201.7-7859
RXJ1202.8-7718 *(KG)*	S039 42423 S	-37.0 ± 7.1	2.6 ± 4.7		M0	14.4	W	
RXJ1204.6-7731 *(KG)*	S039 30885 S	-44.4 ± 7.9	-4.2 ± 6.0		M2	13.8	PMS	
CPD -75 783	9412 2105 A	-155.5 ± 3.2	-7.7 ± 0.9		K4	9.9	W	RXJ1207.9-7555
RXJ1209.8-7344	S039 525789 S	-11.8 ± 2.7	3,7 ± 1.9		K1	11.6	W	
RXJ1217.4-8035	9420 0439 A	-0.9 ± 2.7	-11.3 ± 2.3		G2	8.6	W	
RXJ1219.7-7403 *(KG)*	S039 308737 S	-40.4 ± 6.9	-2,8 ± 0.2		M0	13.1	PMS	
HD 107145	60119 H	-158.3 ± 0.6	-54.1 ± 0.5	17.9 ± 0.6	F5	6.8	UBS	RXJ1219.8-7648
RXJ1220.4-7407 *(KG)*	S039 302015 S	-35.0 ± 4.2	-2.6 ± 4.6		M0	12.7	PMS	
RXJ1220.6-7539	9412 1370 A	-116.9 ± 1.5	3.5 ± 2.8		K2	10.7	W	
HD 107722	9416 0555 A	-65.4 ± 0.8	12.2 ± 0.9		F6	8.2	W	RXJ1223.5-7740
RXJ1224.8-7503	60553 H	-199.9 ± 1.8	47.8 ± 1.4	13.40 ±1.5	K2	10.5	W	
RXJ1225.3-7857 (*)	371498 P	-31.6 ± 2.6	-21.0 ± 3.0		G7	10.6	W	
HD 109138	61284 H	-93.3 ± 1.1	13.5 ± 1.1	15.2 ± 1.1	K1	9.5	W	RXJ1233.5-7523
RXJ1237.7-7719	S039 525786 S	-4.7 ± 6.1	11.6 ± 2.3				faint	
RXJ1239.4-7502 *(KG)*	9412 0059 A	-41.1 ± 2.6	-11.0 ± 3.1		K3	10.2	PMS	
RXJ1243.1-7458	S039 525785 S	-19.9 ± 6.0	-5.6 ± 5.0		M3	15.1	PMS	
RXJ1307.3-7602	9413 2147 A	-13.9 ± 0.9	7.4 ± 2.0		K0	10.5	W	
HD 116009	65374 H	-28.9 ± 0.7	-22.2 ± 0.6	6.2 ± 0.7	F3	7.9	UBS	RXJ1323.9-7555
HR 5115	66607 H	-18.1 ± 0.5	-7.3 ± 0.5	3.5 ± 0.6	B8	6.3	UBS	RXJ1339.3-7540
CPD -75 902	9426 0682 A	-65.4 ± 2.0	-31.2 ± 1.2	2.5 ± 0.9	G2	9.6	W	RXJ1349.2-7549
HD 122235	9435 0456 A	-3.9 ± 4.6	10.9 ± 0.8		G8	10.1	UBS	RXJ1406.7-7949
HD 124017	9427 2676 A	-46.5 ± 4.9	-61.5 ± 0.8		K1	9.1	UBS	RXJ1415.7-7558

Notes to Table: A=ACT Catalog, P=PPM Catalog, H=Hipparcos Catalog, S=GSC S039 plate. PMS=Pre-Main Sequence stars from the high resolution spectroscopy by C97; W=WTTS from low resolution spectroscopy by A95; UBS=uncorrelated bright stars by A95. (*) The proper motion value for CED 110 is from Grasdalen G. 1977, IAU Coll. 42, 25, while the values for SAO 256557 and RXJ1225.3-7857 are from the original catalogue and they are in the FK5 system. However the deviation from the Hipparcos system can be considered negligible in this work. The stars marked with *(KG)* belong to the kinematical group (see text).