TABLE 2

Relative radial velocities of stars in N5053

ID	RA (1950)	DEC (1950)	R ($''$)	HJD (+244000days)	V_r kms^{-1}	σ kms^{-1}	n	$\bar{V}_r$ kms^{-1}	σ kms^{-1}	χ^2	$P(<\chi^2)$	V_0	$(B - V)_0$
S35	13:14:29.803	18:01:17.816	450.4	8719.777	296.7	8.3	5	290.8	3.7	1.239	0.8760	16.69	0.75
				8768.330	291.8	2.4							
				9093.791	286.4	6.4							
				9454.247	290.3	2.0							
				9481.533	290.8	2.3							
LY014	13:14:20.325	18:04:06.804	498.8	8719.777	292.3	3.6	6	291.7	3.5	3.976	0.5528	17.12	0.63
				8768.330	291.3	1.8							
				9093.791	289.2	3.2							
				9128.754	287.6	5.1							
				9454.247	297.7	3.7							
				9481.533	291.9	1.7							
S33	13:14:19.468	17:57:54.244	219.2	9481.533	291.3	1.3	2	291.7	1.2	0.345	0.5572	16.06	0.72
				9454.247	292.8	2.2							
S37	13:14:14.123	18:03:22.185	424.3	9454.247	291.6	1.7	2	291.1	1.1	0.125	0.7242	15.28	0.81
				9481.533	290.8	1.5							
LY019	13:14:13.245	17:58:17.772	153.5	8719.777	285.8	12.4	4	293.6	6.8	1.232	0.7454	18.54	0.65
				8768.330	297.1	7.4							
				9093.791	301.6	11.3							
				9454.247	292.1	4.5							
S38	13:14:11.189	18:01:03.399	279.4	8719.777	291.4	5.0	5	287.6	4.2	3.390	0.4948	17.33	0.60
				8768.330	289.9	4.9							
				9093.791	284.4	8.3							
				9454.247	289.4	3.5							
				9481.533	281.4	4.2							
ST	13:14:26.180	17:58:20.081	318.1	8719.7347	247.9	4.1	14	299.2	40.9	3938	0.0	16.36	0.81
				8719.7769	235.9	3.4							
				8719.8184	252.1	2.9							
				9453.8303	338.1	2.2							
				9453.8850	336.7	2.4							
				9453.9424	337.0	2.2							
				9454.7627	295.6	2.4							
				9454.8137	291.3	2.0							
				9454.8649	287.7	2.6							

				9480.6831	337.6	2.0								
				9480.7310	338.7	2.1								
				9480.7857	335.4	2.3								
				9482.7090	254.2	1.7								
				9482.7564	254.7	1.8								
LY116	13:14:11.950	17:57:36.648	114.4	8719.777	289.4	2.5	4	289.7	1.2	0.508	0.9172	17.57	0.63	
				8768.330	288.8	2.0								
				9454.247	290.5	3.9								
				9481.533	290.7	2.0								
S45	13:14:10.314	17:58:55.271	156.3	8719.777	292.7	4.2	6	292.4	6.8	5.199	0.3920	16.48	0.68	
				8768.330	290.8	3.4								
				9093.791	295.0	3.6								
				9128.754	301.6	4.8								
				9454.247	290.2	3.6								
				9481.533	291.0	2.2								
S41	13:14:09.486	17:59:24.254	177.8	8719.777	289.6	4.0	6	290.0	3.0	1.357	0.9289	16.54	0.74	
				8768.330	290.6	3.5								
				9093.791	292.7	4.4								
				9128.754	284.0	6.4								
				9454.247	290.6	3.3								
				9481.533	289.5	2.9								
LY022	13:14:8.497	17:56:40.615	49.0	8719.777	290.5	2.7	5	290.2	1.8	1.282	0.8644	17.49	0.61	
				8768.330	292.3	3.2								
				9093.791	291.8	4.1								
				9454.247	288.7	6.9								
				9481.533	288.2	2.5								
S28	13:14:07.689	17:57:10.948	49.8	8719.777	292.2	4.4	5	290.5	3.6	6.224	0.1830	17.04	0.66	
				8768.330	294.1	2.2								
				9093.791	285.0	3.2								
				9454.247	289.8	2.8								
				9481.533	288.4	3.4								
S26	13:14:04.983	17:56:53.106	15.2	9454.247	296.4	3.7	2	293.7	3.7	1.054	0.3046	17.01	0.68	
				9481.533	291.1	3.6								
S54	13:14:04.168	17:57:53.199	76.3	8719.777	277.1	3.1	6	291.1	9.6	39.236	0.0000	16.63	0.65	
				8768.330	292.2	2.2								
				9093.791	295.4	3.2								
				9128.754	281.0	4.7								
				9454.247	294.0	3.4								
				9481.533	302.6	3.4								

LY37	13:14:03.277	17:59:45.181	188.9	9481.533	293.4	5.7	1	293.4	5.7	-	-	18.14	0.56
LY22	13:14:01.636	17:58:15.147	108.8	8719.777	290.1	3.5	3	292.1	3.4	1.110	0.5739	17.60	0.57
				8768.330	294.9	3.6							
				9128.754	288.8	7.8							
LY31	13:14:01.777	18:0:12.363	219.5	9454.247	296.5	6.5	2	290.9	3.4	1.264	0.2609	18.55	0.55
				9481.533	287.0	5.4							
S56	13:14:02.381	17:57:14.604	53.0	9454.247	290.2	2.1	2	291.1	1.6	0.433	0.5104	16.58	0.73
				9481.533	292.4	2.6							
S60	13:14:0.900	17:59:11.026	49.8	8719.777	287.0	2.6	5	291.0	3.8	4.746	0.3143	16.68	0.67
				8768.330	290.9	3.8							
				9093.791	297.2	5.2							
				9454.247	290.5	2.3							
				9481.533	293.1	2.2							
LY28	13:14:0.052	17:59:47.882	202.9	8791.777	293.4	2.8	4	292.5	4.9	1.821	0.6104	17.86	0.65
				8768.330	291.9	4.3							
				9454.247	284.1	6.6							
				9481.533	293.2	2.5							
S66	13:13:59.098	17:59:26.701	189.0	8791.777	288.7	3.7	5	290.5	2.4	1.901	0.7539	16.79	0.67
				8768.330	289.0	3.8							
				9093.791	286.7	4.6							
				9454.247	290.5	3.0							
				9481.533	292.5	2.2							
S84	13:13:57.296	17:58:01.991	139.1	8791.777	293.8	3.2	4	293.0	1.4	0.451	0.9294	15.94	0.72
				8768.330	293.6	2.4							
				9093.791	293.2	2.5							
				9454.247	291.3	3.0							
S90	13:13:57.740	17;56:55.873	106.1	9481.533	289.7	2.8	1	289.7	2.8	-	-	15.98	0.76
LY52	13:13:56.530	17:57:06.575	125.2	9454.247	291.4	4.7	1	291.4	4.7	-	-	17.93	0.61
LY042	13:13:55.074	17:58:18.612	174.6	9481.533	290.7	6.8	1	290.7	6.8	-	-	17.82	0.57
LY043	13:13:54.012	17:58:09.566	182.4	8719.777	287.0	1.7	3	288.2	5.1	2.945	0.2294	17.14	0.60
				8768.330	288.8	3.6							
				9454.247	295.2	4.5							
LY1	13:13:52.698	17:56:28.824	176.8	8719.777	288.7	5.1	4	288.0	4.5	3.716	0.2938	17.19	0.64
				8768.330	293.1	4.0							
				9454.247	288.2	6.4							
				9481.533	288.1	4.1							
S80	13:13:51.521	17:58:41.187	229.3	8719.777	293.4	2.5	6	292.5	3.1	1.674	0.8922	16.95	0.74
				8768.330	290.0	3.6							

				9093.791	295.1	3.8							
				9128.754	286.8	8.0							
				9454.247	293.1	4.3							
				9481.533	291.7	3.1							
LY065	13:13:49.572	17:58:0.164	235.9	8719.777	287.0	9.6	2	295.0	8.5	0.953	0.3290	18.60	0.61
				8768.330	298.0	5.9							
S102	13:13:48.913	17:58:18.160	251.4	9454.247	294.6	3.7	2	290.5	4.9	2.038	0.1534	17.24	0.66
				9481.533	287.8	3.0							
SAH	13:13:48.259	17:59:25.503	292.6	8719.777	288.8	3.4	5	290.0	3.0	2.752	0.6001	17.04	0.59
				8768.330	292.1	2.9							
				9093.791	287.7	2.4							
				9128.754	295.0	4.6							
				9481.533	290.1	1.6							
LY7	13:13:47.502	17:56:52.114	251.1	9454.247	286.6	7.2	1	286.6	7.2	-	-	18.06	0.62
S109	13:13:46.654	17:57:27.460	267.4	8719.777	288.3	3.7	6	297.5	7.6	23.30	0.0003	16.02	0.75
				8768.330	291.6	3.6							
				9093.791	288.6	4.0							
				9128.754	304.9	4.9							
				9454.247	300.2	3.7							
				9481.533	303.2	2.2							
S72	13:13:45.530	18:02:11.898	435.0	9454.247	294.6	0.8	2	294.4	0.6	0.265	0.6068	14.18	1.13
				9481.533	293.9	1.1							
SU	13:13:45.018	17:56:54.485	286.6	8719.777	289.8	4.4	3	293.1	3.9	1.374	0.5031	16.40	0.72
				8768.330	292.8	4.1							
				9093.791	297.5	4.9							
LY004	13:13:43.928	18:02:07.887	447.0	8719.777	289.3	5.9	4	291.1	2.8	1.240	0.7434	17.86	0.61
				8768.330	293.0	2.7							
				9093.791	287.3	5.0							
				9454.247	289.6	5.5							
S108	13:13:45.230	17:57:14.148	285.4	9454.247	292.9	3.4	2	290.1	2.8	0.753	0.3857	16.44	0.72
				9481.533	289.8	1.1							
S106	13:13:35.905	17;57:18.472	418.2	9454.247	301.9	4.8	2	296.9	5.8	1.742	0.1868	17.27	0.58
				9481.533	293.9	3.7							
LY009	13:13:32.497	18:00:17.104	513.9	9481.533	289.0	8.8	1	289.0	8.8	-	-	16.21	0.20
SX	13:14:19.553	17:53:35.426	275.8	8719.777	290.8	3.0	5	291.2	5.0	10.11	0.0386	16.56	0.74
				8768.330	300.9	3.0							
				9093.791	292.0	5.9							
				9454.247	289.9	1.8							

				9481.533	291.0	2.1							
SS	13:14:18.787	17:54:27.594	235.2	8719.777	289.5	2.4	3	291.5	3.1	2.552	0.2791	16.21	0.77
				9454.247	288.2	4.1							
				9481.533	293.7	2.0							
SAB	13:14:16.837	17:53:18.761	260.6	8719.777	291.5	2.9	6	295.1	6.5	16.60	0.0053	16.76	0.66
				8768.330	295.2	2.7							
				9093.791	306.1	4.9							
				9128.754	291.2	9.2							
				9454.247	300.3	2.4							
				9481.533	289.2	2.6							
SP	13:14:13.679	17:56:14.145	125.1	8719.777	292.7	6.2	5	289.1	3.7	3.068	0.5465	15.61	0.80
				8768.330	295.1	4.2							
				9128.754	291.7	4.3							
				9454.247	288.3	1.5							
				9481.533	288.9	1.0							
LY88	13:14:12.704	17:55:37.984	124.4	8719.777	285.2	8.3	3	290.6	5.0	0.987	0.6104	18.65	0.65
				8768.330	286.7	8.0							
				9454.247	283.0	4.2							
S21	13:14:10.278	17:56:18.829	76.8	8719.777	294.7	6.9	3	289.7	4.0	1.254	0.5342	17.18	0.63
				9454.247	287.3	3.1							
				9481.533	290.6	2.5							
S23	13:14:07.463	17:56:08.401	45.2	8719.777	292.2	2.7	5	290.7	2.8	1.591	0.8105	16.40	0.78
				8768.330	288.3	3.7							
				9093.791	289.6	5.1							
				9128.754	295.4	5.6							
				9454.247	290.0	2.1							
SAI	13:14:04.116	17:56:08.155	32.8	8719.777	290.4	4.5	3	288.7	3.5	0.811	0.6668	17.11	0.66
				9454.247	293.2	6.8							
				9481.533	287.5	2.5							
LY17	13:14:03.031	17:52:57.642	222.3	8719.777	288.0	7.4	4	289.9	2.2	0.392	0.9420	18.15	0.62
				8768.330	292.7	6.6							
				9454.247	287.7	5.3							
				9481.533	290.1	2.0							
LY15	13:14:1.653	17:55:18.040	93.7	8719.777	293.9	5.0	4	288.5	6.7	4.654	0.1990	17.32	0.60
				8768.330	298.4	7.1							
				9454.247	286.5	1.8							
				9481.533	290.0	2.7							
S2	13:13:59.996	17:56:13.925	76.3	9454.247	287.9	2.9	2	290.0	3.7	0.507	0.9174	16.04	0.8
				9481.533	289.5	2.0							

S4	13:14:0.241	17:55:17.243	106.2	8719.777	291.4	1.8	4	290.9	3.7	0.507	0.9174	16.81	0.72
				8768.330	289.5	3.5							
				9128.754	284.7	12.0							
				9454.247	290.7	3.2							
LY18	13:13:58.283	17:52:58.351	240.1	8719.777	290.2	6.4	4	291.1	4.6	1.540	0.6730	18.20	0.65
				8768.330	299.0	6.8							
				9454.247	291.6	3.7							
				9481.533	290.2	2.3							
S91	13:13:57.385	17:56:08.211	144.2	8719.777	291.5	4.3	4	296.1	9.4	13.63	0.0035	16.97	0.70
				8768.330	310.9	4.9							
				9454.247	291.8	2.6							
				9481.533	298.4	2.9							
S5	13:13:56.001	17:54:56.196	164.7	8719.777	304.3	2.8	5	295.1	9.9	35.86	0.0000	15.67	0.74
				8768.330	294.5	3.1							
				9093.791	280.3	6.0							
				9454.247	287.5	2.1							
				9481.533	300.9	2.4							
S94	13:13:55.155	17:55:48.676	149.8	8719.777	291.1	2.6	3	290.4	5.1	0.505	0.7768	16.38	0.75
				8768.330	289.8	3.9							
				9128.754	283.3	11.1							
S93	13:13:55.122	17:56:12.750	144.2	9454.247	294.5	2.1	2	295.8	2.4	0.975	0.3235	16.56	0.67
				9481.533	297.8	2.6							
LY85	13:13:54.297	17:51:27.686	346.3	8719.777	293.0	6.2	4	289.0	3.8	0.714	0.8700	18.05	0.65
				8768.330	287.3	5.6							
				9454.247	289.0	5.7							
				9481.533	284.3	11.4							
LY02	13:13:52.945	17:54:47.363	205.4	9454.247	291.8	7.0	2	292.5	3.1	0.013	0.9084	17.58	0.64
				9481.533	292.7	3.4							
LY76	13:13:49.573	17:53:49.279	278.2	9454.247	291.2	6.0	1	291.2	6.0	-	-	17.80	0.62
LY08	13:13:47.715	17:56:17.018	248.5	9454.247	289.7	4.1	2	291.4	4.3	0.588	0.4432	17.57	0.66
				9481.533	295.4	6.2							
LY109	13:13:43.670	17:55:55.426	308.3	9454.247	297.6	5.2	2	293.0	4.8	0.998	0.3178	17.80	0.64
				9481.533	291.7	2.8							
LY015	13:13:43.993	17:52:9.349	403.3	9454.247	290.0	2.3	2	290.7	5.4	0.757	0.3842	17.48	
				9481.533	296.0	6.5							
LY068	13:13:49.262	17:56:14.973	226.8	9454.247	292.5	9.4	1	292.5	9.4	-	-	19.09	0.55
LY03	13:13:52.346	17:55:8.680	202.4	9454.247	289.6	2.1	2	291.2	6.0	2.683	0.1014	17.73	0.55
				9481.533	297.0	4.0							

LY87	13:14:11.701	17:55:26.597	118.5	9454.247	290.5	3.5	2	289.5	3.1	0.315	0.5745	18.32	0.66
				9481.533	286.6	6.0							
LY40	13:14:7.288	17:58:39.484	125.5	9454.247	289.5	3.0	2	290.7	3.6	0.578	0.4469	17.26	0.67
				9481.533	294.0	5.1							
S27	13:14:4.453	17:57:4.988	28.4	9454.247	299.7	4.0	2	294.8	6.3	2.735	0.0982	17.10	0.67
				9481.533	290.8	3.6							
LY65	13:14:3.539	17:56:38.914	21.9	9454.247	285.7	3.0	2	289.0	3.7	1.806	0.1789	17.71	0.59
				9481.533	290.7	2.2							
LY9	13:14:1.330	18:0:48.993	256.6	9454.247	290.2	1.0	1	290.2	1.0	-	-	18.04	0.68
LY11	13:13:59.635	18:0:32.094	246.6	9454.247	289.0	3.7	2	290.1	5.0	0.493	0.4820	17.92	0.66
				9481.533	295.0	7.7							
LY016	13:14:12.485	17:59:59.227	227.4	9454.247	287.7	5.1	1	287.7	5.1	-	-	18.18	0.56
LY017	13:14:13.332	18:2:30.144	371.4	9454.247	294.8	5.0	2	291.0	8.9	1.779	0.1823	18.29	0.55
				9481.533	283.0	7.3							
S70	13:13:57.481	18:0:25.807	252.2	9454.247	289.6	2.8	2	290.8	2.2	0.448	0.5033	17.22	0.65
				9481.533	292.6	3.5							
LYAC	13:13:55.012	17:56:21.794	144.4	9454.247	290.9	3.4	2	289.1	3.3	0.693	0.4050	17.35	0.62
				9481.533	286.4	4.2							
LY13	13:13:51.659	18:0:9.043	284.9	9454.247	292.2	1.1	2	292.1	2.5	0.268	0.6046	17.41	0.70
				9481.533	289.6	5.4							
LY5	13:13:50.600	17:59:2.148	251.8	9454.247	288.6	1.2	2	289.2	1.4	0.692	0.4054	17.45	0.68
				9481.533	290.4	1.8							
LY024	13:13:46.049	18:0:3.952	340.7	9454.247	291.8	6.3	1	291.8	6.3	-	-	18.41	0.60

Notes: See the text for detailed descriptionof the table.