

UT Date 2018-03-14 Observers P BerlindColl. Focus 1310 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	19:54	17:19:58.0	+57:50:06	300	90	3.0	0 Calibration	2	
0011-0025.FLAT	7	20:01	17:19:58.0	+57:50:06	300	90	3.0	0 Calibration	2	
0026.aldebaran	1	02:34	04:35:55.0	+16:30:33	300	90	3.0	#12 Symbiotic	2	
0027.aldebaran	1	02:36	04:35:55.0	+16:30:33	300	90	3.0	#12 Symbiotic	2	
0028.aldebaran	1	02:39	04:35:55.0	+16:30:33	300	90	3.0	#12 Symbiotic	2	
0028.aldebaranq.ms	1	02:39	04:35:55.0	+16:30:33	300	90	3.0	#12 Symbiotic	1	
0029.aldebaran	10	02:52	04:35:55.0	+16:30:33	300	90	3.0	#12 Symbiotic	2	
0029.aldebaranq.ms	10	02:52	04:35:55.0	+16:30:33	300	90	3.0	#12 Symbiotic	1	
0030.COMP	10	03:04	04:35:55.0	+16:30:33	300	90	3.0	0 Calibration	2	
0031.BD+181563	120	03:39	07:18:32.9	+17:53:42	300	90	3.0	Ay100	2	
0031.BD+181563q.ms	120	03:39	07:18:32.9	+17:53:42	300	90	3.0	Ay100	1	
0032.BD+181563	11	03:46	07:18:32.9	+17:53:42	300	90	3.0	Ay100	2	
0033.BD+181563	120	03:46	07:18:32.9	+17:53:42	300	89	3.0	Ay100	2	
0034.COMP	10	03:48	07:18:32.9	+17:53:42	300	89	3.0	0 Calibration	2	
0035.BD+181563	10	03:50	07:18:32.9	+17:53:42	300	89	3.0	Ay100	2	
0035.BD+181563q.ms	10	03:50	07:18:32.9	+17:53:42	300	89	3.0	Ay100	1	
0036.BD+181563	120	03:51	07:18:32.9	+17:53:42	300	89	3.0	Ay100	2	
0037.BD+181563	120	03:54	07:18:32.9	+17:53:42	300	89	3.0	Ay100	2	
0037.BD+181563q.ms	120	03:54	07:18:32.9	+17:53:42	300	89	3.0	Ay100	1	
0038.COMP	10	04:01	07:44:13.9	+20:12:05	300	89	3.0	0 Calibration	2	

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0039.HD62346	30	04:03	07:44:13.9	+20:12:05	300	89	3.0	Ay100	2	
0039.HD62346q.ms	30	04:03	07:44:13.9	+20:12:05	300	89	3.0	Ay100	1	
0040.HD62346	30	04:08	07:44:13.9	+20:12:05	300	89	3.0	Ay100	2	
0041.HD62346	30	04:08	07:44:13.9	+20:12:05	300	89	3.0	Ay100	2	
0042.COMP	10	04:18	08:45:35.7	+19:41:50	300	89	3.0	0 Calibration	2	
0043.LB400	30	04:19	08:45:35.7	+19:41:50	300	89	3.0	Ay100	2	
0043.LB400q.ms	30	04:19	08:45:35.7	+19:41:50	300	89	3.0	Ay100	1	
0044.LB400	300	04:21	08:45:35.7	+19:41:50	300	89	3.0	Ay100	2	
0044.LB400q.ms	300	04:21	08:45:35.7	+19:41:50	300	89	3.0	Ay100	1	
0045.LB400	600	04:33	08:45:35.7	+19:41:50	300	89	3.0	Ay100	2	
0045.LB400q.ms	600	04:33	08:45:35.7	+19:41:50	300	89	3.0	Ay100	1	
0046.COMP	10	04:52	08:58:15.1	+19:45:47	300	89	3.0	0 Calibration	2	
0047.G1116	600	04:53	08:58:15.1	+19:45:47	300	89	3.0	Ay100	2	
0047.G1116q.ms	600	04:53	08:58:15.1	+19:45:47	300	89	3.0	Ay100	1	
0048.G1116	1200	05:10	08:58:15.1	+19:45:47	300	89	3.0	Ay100	2	
0048.G1116q.ms	1200	05:10	08:58:15.1	+19:45:47	300	89	3.0	Ay100	1	
0049.COMP	10	05:30	08:58:15.1	+19:45:47	300	89	3.0	0 Calibration	2	
0050.COMP	10	06:11	07:27:09.4	+07:20:07	300	89	3.0	0 Calibration	2	
0051.FASTROT	90	06:13	07:27:09.4	+07:20:07	300	89	3.0	Ay100	2	
0051.FASTROTq.ms	90	06:13	07:27:09.4	+07:20:07	300	89	3.0	Ay100	1	

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0052.COMP	10	06:20	07:27:09.4	+07:20:07	300	89	3.0	0 Calibration	2	
0053.MEDROT	120	06:24	07:10:40.8	+46:03:44	300	89	3.0	Ay100	2	
0053.MEDROTq.ms	120	06:24	07:10:40.8	+46:03:44	300	89	3.0	Ay100	1	
0054.COMP	10	06:31	07:10:40.8	+46:03:44	300	89	3.0	0 Calibration	2	
0055.HD233772	120	06:36	10:48:02.9	+53:59:57	300	89	3.0	Ay100	2	
0055.HD233772q.ms	120	06:36	10:48:02.9	+53:59:57	300	89	3.0	Ay100	1	
0056.COMP	10	06:44	10:48:23.5	+37:34:13	300	88	3.0	0 Calibration	2	
0057.HD93521	60	06:47	10:48:23.5	+37:34:13	300	88	3.0	Ay100	2	
0057.HD93521q.ms	60	06:47	10:48:23.5	+37:34:13	300	88	3.0	Ay100	1	
0058.HD93521	30	06:49	10:48:23.5	+37:34:13	300	88	3.0	Ay100	2	
0058.HD93521q.ms	30	06:49	10:48:23.5	+37:34:13	300	88	3.0	Ay100	1	
0059.HD93521	10	06:50	10:48:23.5	+37:34:13	300	88	3.0	Ay100	2	
0059.HD93521q.ms	10	06:50	10:48:23.5	+37:34:13	300	88	3.0	Ay100	1	
0060.COMP	10	06:53	10:48:23.5	+37:34:13	300	88	3.0	0 Calibration	2	
0061.BD102179	120	06:58	10:38:55.2	+10:03:49	300	88	3.0	Ay100	2	
0061.BD102179q.ms	120	06:58	10:38:55.2	+10:03:49	300	88	3.0	Ay100	1	
0062.BD102179	90	07:04	10:38:55.2	+10:03:49	300	88	3.0	Ay100	2	
0062.BD102179q.ms	90	07:04	10:38:55.2	+10:03:49	300	88	3.0	Ay100	1	
0063.COMP	10	07:08	10:38:55.2	+10:03:49	300	89	3.0	0 Calibration	2	
0064.HD233799	90	07:10	11:01:40.9	+49:36:34	300	89	3.0	Ay100	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0064.HD233799q.ms	90	07:10	11:01:40.9	+49:36:34	300	89	3.0	Ay100	1	
0065.COMP	10	07:27	11:01:40.9	+49:36:34	300	89	3.0	0 Calibration	2	
0066.AT_2018xc	30	07:48	09:58:30.5	+14:55:39	300	89	3.0	Ay100	2	
0066.AT_2018xcq.ms	30	07:48	09:58:30.5	+14:55:39	300	89	3.0	Ay100	1	
0067.AT_2018xc	443	07:51	09:58:30.5	+14:55:39	300	89	3.0	Ay100	2	
0067.AT_2018xcq.ms	443	07:51	09:58:30.5	+14:55:39	300	89	3.0	Ay100	1	
0068.AT_2018xc	30	08:08	09:58:30.5	+14:55:39	300	88	3.0	Ay100	2	
0068.AT_2018xcq.ms	30	08:08	09:58:30.5	+14:55:39	300	88	3.0	Ay100	1	
0069.AT_2018xc	120	08:09	09:58:30.5	+14:55:39	300	88	3.0	Ay100	2	
0069.AT_2018xcq.ms	120	08:09	09:58:30.5	+14:55:39	300	88	3.0	Ay100	1	
0070.AT_2018xc	300	08:14	09:58:30.5	+14:55:39	300	88	3.0	Ay100	2	
0070.AT_2018xcq.ms	300	08:14	09:58:30.5	+14:55:39	300	88	3.0	Ay100	1	
0071.AT_2018xc	900	08:22	09:58:30.5	+14:55:39	300	88	3.0	Ay100	2	
0071.AT_2018xcq.ms	900	08:22	09:58:30.5	+14:55:39	300	88	3.0	Ay100	1	
0072.COMP	10	08:44	09:58:30.5	+14:55:39	300	88	3.0	0 Calibration	2	
0073.AT_2018adg	120	09:15	13:25:31.2	-14:21:05	300	88	3.0	Ay100	2	
0074.COMP	10	09:57	13:35:09.2	+24:48:24	300	89	3.0	0 Calibration	2	
0075.BD+252649	60	09:58	13:35:09.2	+24:48:24	300	89	3.0	Ay100	2	
0075.BD+252649q.ms	60	09:58	13:35:09.2	+24:48:24	300	89	3.0	Ay100	1	
0076.BD+252649	120	09:59	13:35:09.2	+24:48:24	300	89	3.0	Ay100	2	

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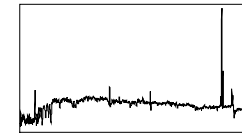
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0076.BD+252649q.ms	120	09:59	13:35:09.2	+24:48:24	300	89	3.0	Ay100	1	
0077.COMP	10	10:04	13:35:09.2	+24:48:24	300	89	3.0	0 Calibration	2	
0078.HD129002	60	10:21	14:38:50.2	+44:24:16	300	89	3.0	Ay100	2	
0078.HD129002q.ms	60	10:21	14:38:50.2	+44:24:16	300	89	3.0	Ay100	1	
0079.COMP	10	10:26	14:38:50.2	+44:24:16	300	89	3.0	0 Calibration	2	
0080.HD129988	10	10:28	14:44:59.1	+27:04:30	300	89	3.0	Ay100	2	
0080.HD129988q.ms	10	10:28	14:44:59.1	+27:04:30	300	89	3.0	Ay100	1	
0081.HD129988	30	10:30	14:44:59.1	+27:04:30	300	89	3.0	Ay100	2	
0081.HD129988q.ms	30	10:30	14:44:59.1	+27:04:30	300	89	3.0	Ay100	1	
0082.COMP	10	10:36	14:44:59.1	+27:04:30	300	89	3.0	0 Calibration	2	
0083.HR5468	60	10:38	14:38:50.2	+44:24:16	300	89	3.0	Ay100	2	
0083.HR5468q.ms	60	10:38	14:38:50.2	+44:24:16	300	89	3.0	Ay100	1	
0084.COMP	10	10:51	13:25:31.2	-14:21:05	300	89	3.0	0 Calibration	2	
0085.Jupiter	2	11:00	15:24:26.2	-17:23:17	300	89	3.0	Ay100	2	
0086.NGC5965	60	11:18	15:34:02.4	+56:41:08	300	55	3.0	Ay100	2	
0086.NGC5965q.ms	60	11:18	15:34:02.4	+56:41:08	300	55	3.0	Ay100	1	
0087.NGC5965	300	11:20	15:34:02.4	+56:41:08	300	55	3.0	Ay100	2	
0087.NGC5965q.ms	300	11:20	15:34:02.4	+56:41:08	300	55	3.0	Ay100	1	
0088.COMP	10	11:30	15:34:02.4	+56:41:08	300	55	3.0	0 Calibration	2	
0089.HR5676	60	11:34	15:14:29.2	+29:09:51	300	90	3.0	Ay100	2	

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0089.HR5676q.ms	60	11:34	15:14:29.2	+29:09:51	300	90	3.0	Ay100	1	
0090.COMP	10	11:37	15:14:29.2	+29:09:51	300	90	3.0	0 Calibration	2	
0091.HD135501	90	11:41	15:12:57.9	+56:02:47	300	90	3.0	Ay100	2	
0091.HD135501q.ms	90	11:41	15:12:57.9	+56:02:47	300	90	3.0	Ay100	1	
0092.COMP	10	11:46	15:12:57.9	+56:02:47	300	90	3.0	0 Calibration	2	
0093.HD135517	90	11:51	15:13:59.2	+43:02:53	300	90	3.0	Ay100	2	
0093.HD135517q.ms	90	11:51	15:13:59.2	+43:02:53	300	90	3.0	Ay100	1	
0094.HD135517	60	11:53	15:13:59.2	+43:02:53	300	90	3.0	Ay100	2	
0094.HD135517q.ms	60	11:53	15:13:59.2	+43:02:53	300	90	3.0	Ay100	1	
0095.COMP	10	11:56	15:13:59.2	+43:02:53	300	90	3.0	0 Calibration	2	
0096.oph72	30	11:59	18:07:21.0	+09:33:50	300	90	3.0	Ay100	2	
0096.oph72q.ms	30	11:59	18:07:21.0	+09:33:50	300	90	3.0	Ay100	1	
0097.oph72	10	12:00	18:07:21.0	+09:33:50	300	90	3.0	Ay100	2	
0097.oph72q.ms	10	12:00	18:07:21.0	+09:33:50	300	90	3.0	Ay100	1	
0098.oph72	5	12:02	18:07:21.0	+09:33:50	300	90	3.0	Ay100	2	
0098.oph72q.ms	5	12:02	18:07:21.0	+09:33:50	300	90	3.0	Ay100	1	
0099.oph72	2	12:04	18:07:21.0	+09:33:50	300	90	3.0	Ay100	2	
0100.oph72	2	12:04	18:07:21.0	+09:33:50	300	90	3.0	Ay100	2	
0101.oph72	2	12:05	18:07:21.0	+09:33:50	300	90	3.0	Ay100	2	
0101.oph72q.ms	2	12:05	18:07:21.0	+09:33:50	300	90	3.0	Ay100	1	

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0102.COMP	10	12:11	17:03:53.6	+34:47:25	300	90	3.0	0 Calibration	2	
0103.HD154431	60	12:12	17:03:53.6	+34:47:25	300	90	3.0	Ay100	2	
0103.HD154431q.ms	60	12:12	17:03:53.6	+34:47:25	300	90	3.0	Ay100	1	
0104.HD154431	30	12:15	17:03:53.6	+34:47:25	300	90	3.0	Ay100	2	
0104.HD154431q.ms	30	12:15	17:03:53.6	+34:47:25	300	90	3.0	Ay100	1	
0105.HD154431	10	12:17	17:03:53.6	+34:47:25	300	90	3.0	Ay100	2	
0105.HD154431q.ms	10	12:17	17:03:53.6	+34:47:25	300	90	3.0	Ay100	1	
0106.HD154431	10	12:18	17:03:53.6	+34:47:25	300	90	3.0	Ay100	2	
0107.HD154431	10	12:19	17:03:53.6	+34:47:25	300	90	3.0	Ay100	2	
0108.COMP	10	12:21	16:08:05.7	+10:04:50	300	90	3.0	0 Calibration	2	
0109.HD144937	10	12:22	16:08:05.7	+10:04:50	300	90	3.0	Ay100	2	
0109.HD144937q.ms	10	12:22	16:08:05.7	+10:04:50	300	90	3.0	Ay100	1	
0110.HD144937	10	12:22	16:08:05.7	+10:04:50	300	90	3.0	Ay100	2	
0111.HD144937	10	12:23	16:08:05.7	+10:04:50	300	90	3.0	Ay100	2	
0112.COMP	10	12:25	19:27:19.6	+65:33:54	300	90	3.0	0 Calibration	2	
0113-0117.DARK	900	13:54	19:27:19.6	+65:33:54	300	90	3.0	0 Calibration	2	
b0011.FLAT	7	19:56	17:19:58.0	+57:50:06	300	90	3.0	0 Calibration	2	
b0012.FLAT	7	19:56	17:19:58.0	+57:50:06	300	90	3.0	0 Calibration	2	
b0013.FLAT	7	19:56	17:19:58.0	+57:50:06	300	90	3.0	0 Calibration	2	
b0014.FLAT	7	19:57	17:19:58.0	+57:50:06	300	90	3.0	0 Calibration	2	

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b0015.FLAT	7	19:57	17:19:58.0	+57:50:06	300	90	3.0	0 Calibration	2	
b0016.FLAT	7	19:58	17:19:58.0	+57:50:06	300	90	3.0	0 Calibration	2	
b0017.FLAT	7	19:58	17:19:58.0	+57:50:06	300	90	3.0	0 Calibration	2	
b0018.FLAT	7	19:58	17:19:58.0	+57:50:06	300	90	3.0	0 Calibration	2	
b0019.FLAT	7	19:59	17:19:58.0	+57:50:06	300	90	3.0	0 Calibration	2	
b0020.FLAT	7	19:59	17:19:58.0	+57:50:06	300	90	3.0	0 Calibration	2	
b0021.FLAT	7	19:59	17:19:58.0	+57:50:06	300	90	3.0	0 Calibration	2	
b0022.FLAT	7	20:00	17:19:58.0	+57:50:06	300	90	3.0	0 Calibration	2	
b0023.FLAT	7	20:00	17:19:58.0	+57:50:06	300	90	3.0	0 Calibration	2	
b0024.FLAT	7	20:00	17:19:58.0	+57:50:06	300	90	3.0	0 Calibration	2	
b0025.FLAT	7	20:01	17:19:58.0	+57:50:06	300	90	3.0	0 Calibration	2	
b0038.COMP	10	04:01	07:44:13.9	+20:12:05	300	89	3.0	0 Calibration	2	
b0039.HD62346	30	04:03	07:44:13.9	+20:12:05	300	89	3.0	Ay100	2	
b0040.HD62346	30	04:08	07:44:13.9	+20:12:05	300	89	3.0	Ay100	2	
b0041.HD62346	30	04:08	07:44:13.9	+20:12:05	300	89	3.0	Ay100	2	
bias	0	19:53	17:19:58.0	+57:50:06	300	90	3.0	#12 Symbiotic	2	
comp300+600.ms	10	05:47	10:39:36.9	+43:06:11	300	90	3.0	#56 Spectropho	1	