

UT Date 2019-05-09 Observers M CalkinsColl. Focus 1290 Grating/Grism 600

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	01:56	17:13:30.2	+33:55:42	300	88	3.0	0 Calibration	2	
0011-0020.BIAS	0	02:57	17:13:30.2	+33:55:42	300	88	3.0	0 Calibration	4	
0021-0040.FLAT	7	03:55	17:13:30.2	+33:55:42	300	88	3.0	0 Calibration	2	
0041-0060.BIAS	0	04:06	17:13:30.2	+33:55:42	300	88	3.0	0 Calibration	2	
0061.J085051	1500	04:18	08:50:52.0	+08:30:27	300	88	3.0	#227 Changing-	2	
0062.J085051	1500	04:43	08:50:52.0	+08:30:27	300	88	3.0	#227 Changing-	2	
0063.J085051	1500	05:08	08:50:52.0	+08:30:27	300	88	3.0	#227 Changing-	2	
0064.COMP	10	05:34	08:50:52.0	+08:30:27	300	88	3.0	0 Calibration	2	
0065.JS112791	1800	05:36	09:43:30.7	+05:54:29	300	88	3.0	232 Missing SD	2	
0066.COMP	10	06:07	09:43:30.7	+05:54:29	300	89	3.0	0 Calibration	2	
0067.JS050237	1500	06:10	09:44:26.4	+03:03:21	300	89	3.0	232 Missing SD	2	
0068.COMP	10	06:36	09:44:26.4	+03:03:21	300	89	3.0	0 Calibration	2	
0069.JS046167	1800	06:40	12:19:01.0	+51:16:33	300	89	3.0	232 Missing SD	2	
0070.COMP	10	07:11	12:19:01.0	+51:16:33	300	89	3.0	0 Calibration	2	
0071.JS066577	1500	07:16	12:22:21.6	+31:07:44	300	89	3.0	232 Missing SD	2	
0072.COMP	10	07:42	12:22:21.6	+31:07:44	300	89	3.0	0 Calibration	2	
0073.BDp262606	90	07:44	14:49:02.4	+25:42:09	300	89	3.0	#56 Spectropho	2	
0074.COMP	10	07:46	14:49:02.4	+25:42:09	300	89	3.0	0 Calibration	2	
0075.BDp332642	120	07:48	15:51:59.9	+32:56:54	300	89	3.0	#56 Spectropho	2	
0076.COMP	10	07:50	15:51:59.9	+32:56:54	300	88	3.0	0 Calibration	2	

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0077.2M12201387p1533262	88	07:58	12:20:13.9	+15:33:26	1200	88	1.5	#231 Non-inter	2	
0078.COMP	80	08:00	12:20:13.9	+15:33:26	1200	88	1.5	0 Calibration	2	
0079.COMP	30	08:02	12:20:13.9	+15:33:26	1200	88	1.5	0 Calibration	2	
0080.2M13342393p3839433	700	08:05	13:34:23.9	+38:39:43	1200	88	1.5	#231 Non-inter	2	
0081.COMP	80	08:18	13:34:23.9	+38:39:43	1200	88	1.5	0 Calibration	2	
0082.COMP	30	08:20	13:34:23.9	+38:39:43	1200	88	1.5	0 Calibration	2	
0083.2M16111737p2212522	720	08:24	16:11:17.4	+22:12:52	1200	88	1.5	#231 Non-inter	2	
0084.COMP	80	08:38	16:11:17.4	+22:12:52	1200	87	1.5	0 Calibration	2	
0085.COMP	30	08:42	16:11:17.4	+22:12:52	1200	87	1.5	0 Calibration	2	
0086.2M18032842p6133262	500	08:47	18:03:28.4	+61:33:26	1200	87	1.5	#231 Non-inter	2	
0087.COMP	80	08:56	18:03:28.4	+61:33:26	1200	87	1.5	0 Calibration	2	
0088.COMP	30	08:58	18:03:28.4	+61:33:26	1200	87	1.5	0 Calibration	2	
0089.2M19052248p4328030	314	09:03	19:05:22.5	+43:28:03	1200	89	1.5	#231 Non-inter	2	
0090.COMP	80	09:09	19:05:22.5	+43:28:03	1200	88	1.5	0 Calibration	2	
0091.COMP	30	09:11	19:05:22.5	+43:28:03	1200	88	1.5	0 Calibration	2	
0092.2M19581002p1908075	720	09:14	19:58:10.0	+19:08:08	1200	88	1.5	#231 Non-inter	2	
0093.COMP	80	09:27	19:58:10.0	+19:08:08	1200	87	1.5	0 Calibration	2	
0094.HIP98456	65	09:33	20:00:13.6	+37:29:23	1200	87	1.5	#231 Non-inter	2	
0095.COMP	80	09:34	20:00:13.6	+37:29:23	1200	87	1.5	0 Calibration	2	
0096.COMP	30	09:37	20:00:13.6	+37:29:23	1200	87	1.5	0 Calibration	2	

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0097-0106.FLAT	60	09:50	20:00:13.6	+37:29:23	1200	87	1.5	0 Calibration	2	
0107.sm1521	1800	09:56	15:21:52.1	-06:17:20	600	87	1.5	#230 Gravitati	4	hdr wrong, shld be 600L, tilt=445
0108.COMP	10	10:26	15:21:52.1	-06:17:20	600	89	1.5	0 Calibration	4	hdr wrong, shld be 600L, tilt=445
0109.gaia58	128	10:28	15:36:06.5	+10:11:18	600	89	1.5	#230 Gravitati	4	hdr wrong, shld be 600L, tilt=445
0110.COMP	10	10:34	15:36:06.5	+10:11:18	600	89	1.5	0 Calibration	4	hdr wrong, shld be 600L, tilt=445
0111.j1538p52	1900	10:37	15:38:30.1	+52:11:53	600	100	1.5	#230 Gravitati	4	hdr wrong, shld be 600L, tilt=445
0112.COMP	10	11:10	15:38:30.1	+52:11:53	600	100	1.5	0 Calibration	4	hdr wrong, shld be 600L, tilt=445
0113.BDp332642	240	11:12	15:51:59.9	+32:56:54	600	90	1.5	#56 Spectropho	4	hdr wrong, shld be 600L, tilt=445
0114.COMP	10	11:16	15:51:59.9	+32:56:54	600	90	1.5	0 Calibration	4	hdr wrong, shld be 600L, tilt=445
0115.gaia75	181	11:19	17:14:55.0	+29:08:01	600	90	1.5	#230 Gravitati	4	
0116.COMP	10	11:23	17:14:55.0	+29:08:01	600	90	1.5	0 Calibration	4	
0117.gaia76	203	11:25	17:18:50.9	+24:18:34	600	90	1.5	#230 Gravitati	4	
0118.COMP	10	11:30	17:18:50.9	+24:18:34	600	91	1.5	0 Calibration	4	
0119.gaia77	408	11:31	17:18:56.8	+28:26:22	600	91	1.5	#230 Gravitati	4	
0120.COMP	10	11:39	17:18:56.8	+28:26:22	600	91	1.5	0 Calibration	4	
0121-0130.BIAS	0	11:46	19:28:39.1	+31:30:48	600	90	1.5	0 Calibration	4	
0131-0150.FLAT	12	11:58	19:28:39.1	+31:30:48	600	90	1.5	0 Calibration	4	
0151-0160.DARK	900	14:17	19:28:39.1	+31:30:48	600	90	1.5	0 Calibration	2	