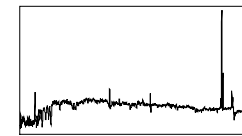


UT Date 2018-04-11 Observers M CalkinsColl. Focus 1310 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	01:52	07:36:04.1	+31:30:34	300	90	3.0	0 Calibration	4	
0011.COMP	5	01:55	07:36:04.1	+31:30:34	300	90	3.0	0 Calibration	4	
0012-0031.FLAT	7	02:03	07:36:04.1	+31:30:34	300	90	3.0	0 Calibration	2	
0032-0041.BIAS	0	02:10	07:36:04.1	+31:30:34	300	90	3.0	0 Calibration	2	
0042.G191B2B	360	02:52	05:05:30.6	+52:49:52	300	90	3.0	#56 Spectropho	2	
0043.COMP	10	02:59	05:05:30.6	+52:49:52	300	90	3.0	0 Calibration	2	
0044.Hiltner600	90	03:03	06:45:13.4	+02:08:15	300	90	3.0	#56 Spectropho	2	
0045.COMP	10	03:05	06:45:13.4	+02:08:15	300	90	3.0	0 Calibration	2	
0046.GITau	240	03:07	04:33:34.0	+24:21:18	300	89	3.0	#12 Symbiotic	2	
0047.COMP	10	03:12	04:33:34.0	+24:21:18	300	90	3.0	0 Calibration	2	
0048.GKTau	240	03:14	04:33:34.5	+24:21:07	300	90	3.0	#12 Symbiotic	2	
0049.COMP	10	03:19	04:33:34.5	+24:21:07	300	90	3.0	0 Calibration	2	
0050.SS129	300	03:25	07:32:45.0	-26:49:16	300	78	3.0	#12 Symbiotic	2	
0051.SS129	300	03:30	07:32:45.0	-26:49:16	300	78	3.0	#12 Symbiotic	2	
0052.COMP	10	03:36	07:32:45.0	-26:49:16	300	77	3.0	0 Calibration	2	
0053.BXMon	15	03:39	07:25:23.0	-03:35:51	300	90	3.0	#12 Symbiotic	2	
0054.BXMon	180	03:40	07:25:23.0	-03:35:51	300	90	3.0	#12 Symbiotic	2	
0055.COMP	10	03:44	07:25:23.0	-03:35:51	300	90	3.0	0 Calibration	2	
0056.BGGem	300	03:47	06:03:31.0	+27:41:50	300	90	3.0	#12 Symbiotic	2	
0057.BGGem	1200	03:52	06:03:31.0	+27:41:50	300	90	3.0	#12 Symbiotic	2	

UT Date 2018-04-11 Observers M CalkinsColl. Focus 1310 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0058.COMP	10	04:13	06:03:31.0	+27:41:50	300	91	3.0	0 Calibration	2	
0059.snAT2018gv	1800	04:15	08:05:34.6	-11:26:16	300	90	3.0	#2 SN Observat	2	great seeing
0060.COMP	10	04:46	08:05:34.6	-11:26:16	300	91	3.0	0 Calibration	2	
0061.sn2018oh	1800	04:48	09:06:39.5	+19:20:18	300	90	3.0	#2 SN Observat	2	
0062.COMP	10	05:21	09:06:39.5	+19:20:18	300	90	3.0	0 Calibration	2	
0063.J095048	900	05:24	09:50:48.4	+39:26:50	300	90	3.0	#227 Changing-	2	
0064.J095048	900	05:39	09:50:48.4	+39:26:50	300	90	3.0	#227 Changing-	2	
0065.J095048	900	05:54	09:50:48.4	+39:26:50	300	90	3.0	#227 Changing-	2	
0066.COMP	10	06:10	09:50:48.4	+39:26:50	300	90	3.0	0 Calibration	2	
0067.J115026	1200	06:13	11:50:26.5	+01:59:28	300	91	3.0	#227 Changing-	2	
0068.J115026	1200	06:33	11:50:26.5	+01:59:28	300	91	3.0	#227 Changing-	2	
0069.J115026	1200	06:53	11:50:26.5	+01:59:28	300	91	3.0	#227 Changing-	2	
0070.COMP	10	07:14	11:50:26.5	+01:59:28	300	91	3.0	0 Calibration	2	
0071.TXCVn	10	07:15	12:44:42.0	+36:45:48	300	91	3.0	#12 Symbiotic	2	
0072.TXCVn	30	07:16	12:44:42.0	+36:45:48	300	91	3.0	#12 Symbiotic	2	
0073.COMP	10	07:17	12:44:42.0	+36:45:48	300	90	3.0	0 Calibration	2	
0074.RWHya	2	07:20	13:34:18.0	-25:22:51	300	90	3.0	#12 Symbiotic	2	
0075.RWHya	10	07:20	13:34:18.0	-25:22:51	300	90	3.0	#12 Symbiotic	2	
0076.RWHya	20	07:20	13:34:18.0	-25:22:51	300	90	3.0	#12 Symbiotic	2	
0077.COMP	10	07:21	13:34:18.0	-25:22:51	300	90	3.0	0 Calibration	2	

UT Date 2018-04-11 Observers M CalkinsColl. Focus 1310 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0078.J121640	1200	07:24	12:16:40.6	+07:12:24	300	90	3.0	#227 Changing-	2	
0079.J121640	1200	07:44	12:16:40.6	+07:12:24	300	90	3.0	#227 Changing-	2	
0080.COMP	10	08:06	12:16:40.6	+07:12:24	300	90	3.0	0 Calibration	2	
0081.BDp262606	79	08:08	14:49:02.4	+25:42:09	300	90	3.0	#56 Spectropho	2	
0082.COMP	10	08:10	14:49:02.4	+25:42:09	300	90	3.0	0 Calibration	2	
0083.BDp332642	120	08:13	15:51:59.9	+32:56:54	300	90	3.0	#56 Spectropho	2	
0084.COMP	10	08:17	15:51:59.9	+32:56:54	300	90	3.0	0 Calibration	2	
0085.sn2018aoz	300	08:21	11:51:01.8	-28:44:39	300	89	3.0	#2 SN Observat	2	
0086.COMP	10	08:26	11:51:01.8	-28:44:39	300	89	3.0	0 Calibration	2	
0087.AT2018apn	2700	08:31	15:50:03.6	+42:05:18	300	89	3.0	#225	2	
0088.COMP	10	09:17	15:50:03.6	+42:05:18	300	90	3.0	0 Calibration	2	
0089.AT2018aab	1800	09:19	15:07:22.8	+38:25:00	300	90	3.0	#225	2	
0090.AT2018aab	1800	09:51	15:07:22.8	+38:25:00	300	89	3.0	#225	2	
0091.AT2018aab	1800	10:21	15:07:22.8	+38:25:00	300	89	3.0	#225	2	
0092.COMP	5	10:52	15:07:22.8	+38:25:00	300	89	3.0	0 Calibration	2	
0093.TCrB	15	10:54	15:59:30.0	+25:55:12	300	89	3.0	#12 Symbiotic	2	
0094.TCrB	60	10:55	15:59:30.0	+25:55:12	300	89	3.0	#12 Symbiotic	2	
0095.COMP	10	10:57	15:59:30.0	+25:55:12	300	89	3.0	0 Calibration	2	
0096.AGDra	2	11:00	16:01:41.0	+66:48:10	300	89	3.0	#12 Symbiotic	2	
0097.AGDra	15	11:00	16:01:41.0	+66:48:10	300	89	3.0	#12 Symbiotic	2	

UT Date 2018-04-11 Observers M CalkinsColl. Focus 1310 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0098.AGDra	60	11:00	16:01:41.0	+66:48:10	300	89	3.0	#12 Symbiotic	2	
0099.COMP	10	11:02	16:01:41.0	+66:48:10	300	89	3.0	0 Calibration	2	
0100.AS210	5	11:06	16:51:20.3	-26:00:33	300	89	3.0	#12 Symbiotic	2	
0101.AS210	300	11:06	16:51:20.3	-26:00:33	300	89	3.0	#12 Symbiotic	2	
0102.COMP	10	11:11	16:51:20.3	-26:00:33	300	89	3.0	0 Calibration	2	
0103.Hen1341	12	11:13	17:08:36.0	-17:26:30	300	89	3.0	#12 Symbiotic	2	
0104.Hen1341	30	11:13	17:08:36.0	-17:26:30	300	89	3.0	#12 Symbiotic	2	
0105.Hen1341	60	11:14	17:08:36.0	-17:26:30	300	89	3.0	#12 Symbiotic	2	
0106.COMP	10	11:16	17:08:36.0	-17:26:30	300	89	3.0	0 Calibration	2	
0107.DracoC1	1200	11:18	17:19:58.0	+57:50:06	300	89	3.0	#12 Symbiotic	2	
0108.COMP	10	11:38	17:19:58.0	+57:50:06	300	88	3.0	0 Calibration	2	
0109.RSOph	10	11:41	17:50:13.0	-06:42:30	300	88	3.0	#12 Symbiotic	2	
0110.RSOph	60	11:41	17:50:13.0	-06:42:30	300	88	3.0	#12 Symbiotic	2	
0111.RSOph	150	11:42	17:50:13.0	-06:42:30	300	88	3.0	#12 Symbiotic	2	
0112.COMP	10	11:45	17:50:13.0	-06:42:30	300	89	3.0	0 Calibration	2	
0113.AS270	60	11:47	18:05:33.7	-20:20:38	300	89	3.0	#12 Symbiotic	2	
0114.AS270	300	11:48	18:05:33.7	-20:20:38	300	88	3.0	#12 Symbiotic	2	
0115.COMP	10	11:54	18:05:33.7	-20:20:38	300	89	3.0	0 Calibration	2	
0116.Hen1591	120	11:57	18:07:32.0	-25:53:43	300	89	3.0	#12 Symbiotic	2	
0117.Hen1591	300	11:59	18:07:32.0	-25:53:43	300	89	3.0	#12 Symbiotic	2	

UT Date 2018-04-11 Observers M CalkinsColl. Focus 1310 Grating/Grism 300

<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0118.COMP	10	12:05	18:07:32.0	-25:53:43	300	89	3.0	0 Calibration	2	
0119.YYHer	10	12:07	18:14:34.0	+20:59:19	300	89	3.0	#12 Symbiotic	2	
0120.YYHer	60	12:07	18:14:34.0	+20:59:19	300	89	3.0	#12 Symbiotic	2	
0121.COMP	10	12:09	18:14:34.0	+20:59:19	300	89	3.0	0 Calibration	2	
0122.V443Her	5	12:10	18:22:07.0	+23:27:20	300	89	3.0	#12 Symbiotic	2	
0123.V443Her	45	12:11	18:22:07.0	+23:27:20	300	89	3.0	#12 Symbiotic	2	
0124.V443Her	90	12:12	18:22:07.0	+23:27:20	300	89	3.0	#12 Symbiotic	2	
0125.COMP	10	12:14	18:22:07.0	+23:27:20	300	89	3.0	0 Calibration	2	
0126-0135.BIAS	0	12:17	18:22:07.0	+23:27:20	300	89	3.0	0 Calibration	2	
0136-0155.FLAT	7	12:23	18:22:07.0	+23:27:20	300	89	3.0	0 Calibration	2	
0156-0165.DARK	900	14:41	18:22:07.0	+23:27:20	300	89	3.0	0 Calibration	2	