

UT Date 2017-11-16 Observers M CalkinsColl. Focus 1290 Grating/Grism 600

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0003.DARK	900	00:44	09:39:12.3	-01:20:23	300	89	3.0	0 Calibration	4	
0004-0013.BIAS	0	01:00	09:39:12.3	-01:20:23	300	89	3.0	0 Calibration	4	
0014-0033.FLAT	7	01:12	09:39:12.3	-01:20:23	300	89	3.0	0 Calibration	2	
0034-0043.BIAS	0	01:14	09:39:12.3	-01:20:23	300	89	3.0	0 Calibration	2	
0044.V443Her	7	01:33	18:22:07.0	+23:27:20	300	89	3.0	#12 Symbiotic	2	
0045.V443Her	50	01:33	18:22:07.0	+23:27:20	300	89	3.0	#12 Symbiotic	2	clouds
0046.V443Her	90	01:34	18:22:07.0	+23:27:20	300	89	3.0	#12 Symbiotic	2	
0047.COMP	10	01:36	18:22:07.0	+23:27:20	300	89	3.0	0 Calibration	2	
0048.YYHer	30	01:37	18:14:34.0	+20:59:19	300	89	3.0	#12 Symbiotic	2	clouds all over
0049.COMP	10	01:38	18:14:34.0	+20:59:19	300	89	3.0	0 Calibration	2	
0050.BDp284211	100	01:41	21:51:11.0	+28:51:50	300	89	3.0	#56 Spectropho	2	
0051.COMP	10	01:43	21:51:11.0	+28:51:50	300	89	3.0	0 Calibration	2	
0052.BDp174708	45	01:45	22:11:31.4	+18:05:34	300	89	3.0	#56 Spectropho	2	
0053.COMP	10	01:46	22:11:31.4	+18:05:34	300	89	3.0	0 Calibration	2	
0054-0063.FLAT	12	02:00	22:11:31.4	+18:05:34	600	89	1.5	0 Calibration	4	
0064.bb330	720	02:04	21:30:28.3	-24:55:09	600	90	1.5	#178 Low Mass	4	
0065.COMP	10	02:16	21:30:28.3	-24:55:09	600	89	1.5	0 Calibration	4	
0066.bb331	900	02:19	21:30:29.0	-18:32:04	600	90	1.5	#178 Low Mass	4	
0067.COMP	10	02:34	21:30:29.0	-18:32:04	600	89	1.5	0 Calibration	4	
0068.bb333	420	02:37	21:31:15.8	-26:47:18	600	89	1.5	#178 Low Mass	4	

UT Date 2017-11-16 Observers M CalkinsColl. Focus 1290 Grating/Grism 600

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0069.COMP	10	02:44	21:31:15.8	-26:47:18	600	89	1.5	0 Calibration	4	
0070.bb334	1500	03:28	21:31:17.5	-15:56:33	600	89	1.5	#178 Low Mass	4	
0071.COMP	10	03:54	21:31:17.5	-15:56:33	600	88	1.5	0 Calibration	4	
0072.bb393	720	03:59	22:01:14.3	-25:22:55	600	88	1.5	#178 Low Mass	4	clouds, low counts
0073.COMP	10	04:12	22:01:14.3	-25:22:55	600	88	1.5	0 Calibration	4	
0074.bb393	1500	04:14	22:01:14.3	-25:22:55	600	88	1.5	#178 Low Mass	4	
0075.COMP	10	04:40	22:01:14.3	-25:22:55	600	89	1.5	0 Calibration	4	
0076.BDp284211	150	04:42	21:51:11.0	+28:51:50	600	89	1.5	#56 Spectropho	4	
0077.COMP	10	04:45	21:51:11.0	+28:51:50	600	88	1.5	0 Calibration	4	
0078.AT2017hyo	1800	04:55	01:21:35.4	+03:17:41	300	88	3.0	#225	2	
0079.AT2017hyo	1800	05:25	01:21:35.4	+03:17:41	300	88	3.0	#225	2	
0080.AT2017hyo	1800	05:55	01:21:35.4	+03:17:41	300	88	3.0	#225	2	
0081.COMP	10	06:26	01:21:35.4	+03:17:41	300	88	3.0	0 Calibration	2	
0082.AT2017hta	1800	06:31	03:39:47.6	+66:43:06	300	87	3.0	#225	2	
0083.AT2017hta	1800	07:01	03:39:47.6	+66:43:06	300	87	3.0	#225	2	
0084.COMP	10	07:32	03:39:47.6	+66:43:06	300	87	3.0	0 Calibration	2	
0085.AT2017hzf	1800	07:37	04:36:42.4	+79:29:38	300	87	3.0	#225	2	
0086.AT2017hzf	1800	08:07	04:36:42.4	+79:29:38	300	87	3.0	#225	2	
0087.COMP	10	08:38	04:36:42.4	+79:29:38	300	89	3.0	0 Calibration	2	
0088.snASASSN17os	1800	08:42	04:33:05.9	-26:07:41	300	87	3.0	#220 ASASSN Tr	2	

UT Date 2017-11-16 Observers M CalkinsColl. Focus 1290 Grating/Grism 600

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0089.COMP	10	09:13	04:33:05.9	-26:07:41	300	88	3.0	0 Calibration	2	
0090.G191B2B	300	09:18	05:05:30.6	+52:49:52	300	88	3.0	#56 Spectropho	2	
0091.COMP	10	09:23	05:05:30.6	+52:49:52	300	86	3.0	0 Calibration	2	
0092.Hiltner600	90	09:25	06:45:13.4	+02:08:15	300	86	3.0	#56 Spectropho	2	
0093.COMP	10	09:28	06:45:13.4	+02:08:15	300	88	3.0	0 Calibration	2	
0094-0103.FLAT	7	09:32	06:45:13.4	+02:08:15	300	88	3.0	0 Calibration	2	
0104.PS17exk	1800	09:36	05:59:59.0	+52:06:55	300	84	3.0	#225	2	Red tilt for Peter
0105.PS17exk	1800	10:07	05:59:59.0	+52:06:55	300	84	3.0	#225	2	
0106.COMP	10	10:37	05:59:59.0	+52:06:55	300	87	3.0	0 Calibration	2	
0107.Hiltner600	120	10:40	06:45:13.4	+02:08:15	300	87	3.0	#56 Spectropho	2	
0108.COMP	10	10:42	06:45:13.4	+02:08:15	300	86	3.0	0 Calibration	2	
0109-0118.FLAT	7	10:46	06:45:13.4	+02:08:15	300	86	3.0	0 Calibration	2	
0119.bb830	41	10:55	09:09:50.9	+03:00:21	600	86	1.5	#178 Low Mass	4	
0120.COMP	10	10:56	09:09:50.9	+03:00:21	600	87	1.5	0 Calibration	4	
0121.bb831	420	10:58	09:14:07.6	+03:16:32	600	88	1.5	#178 Low Mass	4	
0122.COMP	10	11:06	09:14:07.6	+03:16:32	600	87	1.5	0 Calibration	4	
0123.bb833	32	11:07	09:22:46.9	+00:17:41	600	87	1.5	#178 Low Mass	4	
0124.COMP	10	11:08	09:22:46.9	+00:17:41	600	87	1.5	0 Calibration	4	
0125.bb834	288	11:10	09:24:43.0	-05:14:13	600	87	1.5	#178 Low Mass	4	
0126.COMP	10	11:16	09:24:43.0	-05:14:13	600	87	1.5	0 Calibration	4	

UT Date 2017-11-16 Observers M CalkinsColl. Focus 1290 Grating/Grism 600

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0127.bb835	84	11:17	09:24:45.4	-05:01:08	600	87	1.5	#178 Low Mass	4	
0128.COMP	10	11:19	09:24:45.4	-05:01:08	600	88	1.5	0 Calibration	4	
0129.bb836	400	11:21	09:28:05.8	+01:37:43	600	88	1.5	#178 Low Mass	4	
0130.COMP	10	11:28	09:28:05.8	+01:37:43	600	88	1.5	0 Calibration	4	
0131.bb837	300	11:29	09:28:26.7	+00:57:25	600	90	1.5	#178 Low Mass	4	
0132.COMP	10	11:35	09:28:26.7	+00:57:25	600	90	1.5	0 Calibration	4	
0133.bb838	200	11:36	09:31:22.6	-01:05:24	600	90	1.5	#178 Low Mass	4	
0134.COMP	10	11:40	09:31:22.6	-01:05:24	600	90	1.5	0 Calibration	4	
0135.bb839	24	11:41	09:32:09.2	+00:02:11	600	90	1.5	#178 Low Mass	4	
0136.COMP	10	11:42	09:32:09.2	+00:02:11	600	90	1.5	0 Calibration	4	
0137.Feige34	180	11:44	10:39:36.7	+43:06:09	600	90	1.5	#56 Spectropho	4	
0138.COMP	10	11:49	10:39:36.7	+43:06:09	600	89	1.5	0 Calibration	4	
0139.bb840	900	11:52	09:52:44.4	-05:23:13	600	89	1.5	#178 Low Mass	4	
0140.COMP	10	12:07	09:52:44.4	-05:23:13	600	89	1.5	0 Calibration	4	
0141-0150.FLAT	12	12:11	09:52:44.4	-05:23:13	600	89	1.5	0 Calibration	4	
0151.bb841	215	12:17	09:54:04.3	-10:21:26	600	89	1.5	#178 Low Mass	4	
0152.COMP	10	12:21	09:54:04.3	-10:21:26	600	90	1.5	0 Calibration	4	
0153.bb842	201	12:23	09:55:32.2	-00:36:29	600	90	1.5	#178 Low Mass	4	
0154.COMP	10	12:27	09:55:32.2	-00:36:29	600	90	1.5	0 Calibration	4	
0155.bb843	621	12:28	09:56:08.9	-06:16:42	600	90	1.5	#178 Low Mass	4	

UT Date 2017-11-16 Observers M CalkinsColl. Focus 1290 Grating/Grism 600

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0156.COMP	10	12:39	09:56:08.9	-06:16:42	600	89	1.5	0 Calibration	4	
0157-0166.BIAS	0	13:06	09:56:08.9	-06:16:42	600	90	1.5	0 Calibration	4	
0167-0176.BIAS	0	13:12	09:56:08.9	-06:16:42	600	90	1.5	0 Calibration	2	
0177-0181.DARK	900	14:16	09:56:08.9	-06:16:42	600	90	1.5	0 Calibration	4	
0182.DARK	900	14:31	09:56:08.9	-06:16:42	600	90	1.5	0 Calibration	2	