Filename	OBJECT	EXPTIME	FILTER	APERTUR	GRISM	AFILTER	BFILTER	UT	AIRMASS	NAXIS1	NAXIS2	TCSTGT
lb080001		0.000	Init position	Init position	Init position	Open	Empty	16.2013888889	1.0000004754	1051	1026	Blank13h
lb080002		0.000	Init position	Init position	Init position	Open	Empty	16.2100000000	1.0000004752	1051	1026	Blank13h
lb080003		0.000	Init position	Init position	Init position	Open	Empty	16.2180555556	1.0000004754	1051	1026	Blank13h
lb080004		0.000	Init position	Init position	Init position	Open	Empty	16.2261111111	1.0000004754	1051	1026	Blank13h
lb080005		0.000	Init position	Init position	Init position	Open	Empty	16.2347222222	1.0000004754	1051	1026	Blank13h
lb080006		0.000	Init position	Init position	Init position	Open	Empty	16.2419444444	1.0000004754	1051	1026	Blank13h
lb080007		0.000	Init position	Init position	Init position	Open	Empty	16.2500000000	1.0000004754	1051	1026	Blank13h
lb080008		0.000	Init position	Init position	Init position	Open	Empty	16.2580555556	1.0000004754	1051	1026	Blank13h
lb080009		0.000	Init position	Init position	Init position	Open	Empty	16.2661111111	1.0000004754	1051	1026	Blank13h
lb080010		0.000	Init position	Init position	Init position	Open	Empty	16.2741666667	1.0000004754	1051	1026	Blank13h
lb080011	flat	220.000	8 Open	2 Slit_1.0	5 Grism_#6	Open	Empty	16.3502777778	1.0000004759	2102	2052	Blank13h
lb080012	flat	240.000	8 Open	2 Slit_1.0	5 Grism_#6	Open	Empty	16.4483333333	1.0000004762	2102	2052	Blank13h
lb080013	flat	240.000	8 Open	2 Slit_1.0	5 Grism_#6	Open	Empty	16.5380555556	1.0000004765	2102	2052	Blank13h
lb080014	flat	240.000	8 Open	2 Slit_1.0	5 Grism_#6	Open	Empty	16.6288888889	1.0000004770	2102	2052	Blank13h
lb080015	flat	240.000	8 Open	2 Slit_1.0	5 Grism_#6	Open	Empty	16.7197222222	1.0000004770	2102	2052	Blank13h
lb080016	flat	240.000	8 Open	2 Slit_1.0	5 Grism_#6	Open	Empty	16.8108333333	1.0000004772	2102	2052	Blank13h
lb080017	flat	50.000	8 Open	2 Slit_1.0	1 Grism_#5	NOT#73	Empty	16.9627777778	1.0000004778	2102	2052	Blank13h
lb080018	flat	50.000	8 Open	2 Slit_1.0	1 Grism_#5	NOT#73	Empty	17.0000000000	1.0000004778	2102	2052	Blank13h
lb080019	flat	50.000	8 Open	2 Slit_1.0	1 Grism_#5	NOT#73	Empty	17.0383333333	1.0000004778	2102	2052	Blank13h
lb080020	flat	50.000	8 Open	2 Slit_1.0	1 Grism_#5	NOT#73	Empty	17.0763888889	1.0000004780	2102	2052	Blank13h
lb080021	flat	50.000	8 Open	2 Slit_1.0	1 Grism_#5	NOT#73	Empty	17.1144444444	1.0000004778	2102	2052	Blank13h
lb080022	flat	50.000	8 Open	2 Slit_1.0	1 Grism_#5	NOT#73	Empty	17.1525000000	1.0000004780	2102	2052	Blank13h
lb080023	flat	0.000	8 Open	2 Slit_1.0	1 Grism_#5	NOT#73	Empty	17.2000000000	1.0000004778	2102	2052	Blank13h
lb080024	flat	0.000	8 Open	8 Open	1 Grism_#5	Open	Empty	17.2241666667	1.0000004780	2102	2052	Blank13h
lb080025	flat	0.000	8 Open	8 Open	1 Grism_#5	Open	Empty	17.2483333333	1.0000004778	2102	2052	Blank13h
lb080026	flat	0.000	8 Open	8 Open	1 Grism_#5	Open	Empty	17.2727777778	1.0000004778	2102	2052	Blank13h
lb080027	flat	0.000	8 Open	8 Open	1 Grism_#5	Open	Empty	17.2969444444	1.0000004778	2102	2052	Blank13h
lb080028	flat	0.000	8 Open	8 Open	1 Grism_#5	Open	Empty	17.3211111111	1.0000004775	2102	2052	Blank13h
lb080029	flat	0.000	8 Open	8 Open	1 Grism_#5	Open	Empty	17.3452777778	1.0000004778	2102	2052	Blank13h
lb080030	flat	0.000	8 Open	8 Open	1 Grism_#5	Open	Empty	17.3694444444	1.0000004780	2102	2052	Blank13h
lb080031	bias	0.000	8 Open	8 Open	8 Open_(Lyot	Open	Empty	18.5127777778	1.0000004775	2102	2052	Blank13h
lb080032	bias	0.000	8 Open	8 Open	8 Open_(Lyot	Open	Empty	18.5369444444	1.0000004715	2102	2052	Blank13h
lb080033	flat	10.000	8 Open	8 Open	8 Open_(Lyot	FY#357.8	Empty	19.0838888889	1.1480180814	1051	1026	Blank04h
lb080034	flat	20.000	8 Open	8 Open	8 Open_(Lyot	FY#357.8	Empty	19.0955555556	1.1473005267	1051	1026	Blank04h
lb080035	flat	20.000	8 Open	8 Open	8 Open_(Lyot	FY#357.8	Empty	19.1100000000	1.1464455553	1051	1026	Blank04h
lb080036	flat	5.000	8 Open	8 Open	8 Open_(Lyot	FY#369.4	Empty	19.1341666667	1.1449783096	1051	1026	Blank04h
lb080037	flat	5.000	8 Open	8 Open	8 Open_(Lyot	FY#369.4	Empty	19.1441666667	1.1443966858	1051	1026	Blank04h
lb080038	flat	7.000	8 Open	8 Open	8 Open_(Lyot	FY#369.4	Empty	19.1541666667	1.1438184643	1051	1026	Blank04h
lb080039	flat	1.000	1 U#7	8 Open	8 Open_(Lyot	Open	Empty	19.1750000000	1.1426285826	1051	1026	Blank04h

lb080040	flat	1.000	1 U#7	8 Open	8 Open_(Lyot	Open	Empty	19.1827777778	1.1421874531	1051	1026	Blank04h
lb080041	flat	1.500	1 U#7	8 Open	8 Open_(Lyot	Open	Empty	19.1913888889	1.1417055093	1051	1026	Blank04h
lb080042	flat	4.000	1 U#7	8 Open	8 Open_(Lyot	Open	Empty	19.2086111111	1.1407518482	2102	2052	Blank04h
lb080043	flat	7.000	1 U#7	8 Open	8 Open_(Lyot	Open	Empty	19.2352777778	1.1393011079	2102	2052	Blank04h
lb080044	flat	24.000	1 U#7	8 Open	8 Open_(Lyot	Open	Empty	19.2772222222	1.1370572665	2102	2052	Blank04h
lb080045	flat	5.000	3 B#74	8 Open	8 Open_(Lyot	Open	Empty	19.3086111111	1.1354488666	2102	2052	Blank04h
lb080046	flat	8.000	3 B#74	8 Open	8 Open_(Lyot	Open	Empty	19.3347222222	1.1341273339	2102	2052	Blank04h
lb080047	flat	12.000	3 B#74	8 Open	8 Open_(Lyot	Open	Empty	19.3622222222	1.1327872336	2102	2052	Blank04h
lb080048	flat	20.000	2 V#75	8 Open	8 Open_(Lyot	Open	Empty	19.3944444444	1.1312702705	2102	2052	Blank04h
lb080049	flat	28.000	2 V#75	8 Open	8 Open_(Lyot	Open	Empty	19.4244444444	1.1298878161	2102	2052	Blank04h
lb080050	flat	35.000	2 V#75	8 Open	8 Open_(Lyot	Open	Empty	19.4569444444	1.1284516145	2102	2052	Blank04h
lb080051	flat	50.000	5 i#12	8 Open	8 Open_(Lyot	Open	Empty	19.5147222222	1.1260009948	2102	2052	Blank04h
lb080052	SN2002ap	120.000	1 U#7	8 Open	8 Open_(Lyot	Open	Empty	19.9175000000	1.2220170087	2102	2052	SN2002ap
lb080053	SN2002ap	120.000	1 U#7	8 Open	8 Open_(Lyot	Open	Empty	19.9755555556	1.2333931104	2102	2052	SN2002ap
lb080054	SN2002ap	120.000	1 U#7	8 Open	8 Open_(Lyot	Open	Empty	20.0686111111	1.2525499045	2102	2052	SN2002ap
lb080055	SN2002ap	120.000	1 U#7	8 Open	8 Open_(Lyot	Open	Empty	20.1402777778	1.2680324847	2102	2052	SN2002ap
lb080056	SN2002ap	1200.000	8 Open	2 Slit_1.0	5 Grism_#6	Open	Empty	20.2236111111	1.2870917465	2102	2052	SN2002ap
lb080057	SN2002ap	1200.000	8 Open	2 Slit_1.0	5 Grism_#6	Open	Empty	20.6811111111	1.4138772596	2102	2052	SN2002ap
lb080058	SN2002ap	1200.000	8 Open	2 Slit_1.0	1 Grism_#5	NOT#73	Empty	21.0688888889	1.5582186402	2102	2052	SN2002ap
lb080059	SN2002ap	300.000	4 R#76	8 Open	8 Open_(Lyot	Open	Empty	21.4400000000	1.1067743624	2102	2052	field0726a
lb080060	Field0726a	4000.000	8 Open	8 Open	8 Open_(Lyot	FY#369.4	Empty	21.5722222222	1.0926042359	1051	1026	field0726a
lb080061	Field0726a	1500.000	1 U#7	8 Open	8 Open_(Lyot	Open	Empty	22.6963888889	1.0176046154	1051	1026	field0726a
lb080062	Field0726a	4000.000	8 Open	8 Open	8 Open_(Lyot	FY#369.4	Empty	23.1486111111	1.0072493475	1051	1026	field0726a
lb080063	Field0726a	1500.000	1 U#7	8 Open	8 Open_(Lyot	Open	Empty	0.2786111111	1.0263626056	1051	1026	field0726a
lb080064	Field0726a	4000.000	8 Open	8 Open	8 Open_(Lyot	FY#369.4	Empty	0.7041666667	1.0511581596	1051	1026	field0726a
lb080065	Q1247	300.000	4 R#76	8 Open	8 Open_(Lyot	Open	Empty	1.8427777778	1.2793329011	2102	2052	Q1247
lb080066	Q1247	300.000	4 R#76	8 Open	8 Open_(Lyot	Open	Empty	1.9513888889	1.2548901235	2102	2052	Q1247
lb080067	Q1247	300.000	4 R#76	8 Open	8 Open_(Lyot	Open	Empty	2.0591666667	1.2322476245	2102	2052	Q1247
lb080068	Q1247	300.000	4 R#76	8 Open	8 Open_(Lyot	Open	Empty	2.1672222222	1.2111099510	2102	2052	Q1247
lb080069	Q1247	1500.000	1 U#7	8 Open	8 Open_(Lyot	Open	Empty	2.2841666667	1.1897245072	1051	1026	Q1247
lb080070	Q1247	3000.000	8 Open	8 Open	8 Open_(Lyot	FY#369.4	Empty	2.7102777778	1.1243606998	1051	1026	Q1247
lb080071	usno	1500.000	1 U#7	8 Open	8 Open_(Lyot	Open	Empty	3.7933333333	1.0260661919	1051	1026	Q1247
lb080072	bias	0.000	4 R#76	8 Open	8 Open_(Lyot	Open	Empty	5.1730555556	1.4136281756	2102	2052	PG1047
lb080073	bias	0.000	4 R#76	8 Open	8 Open_(Lyot	Open	Empty	5.1972222222	1.4202347436	2102	2052	PG1047

lb080074	bias	0.000	4 R#76	8 Open	8 Open_(Lyot	Open	Empty	5.2222222222	1.4272159712	2102	2052	PG1047
lb080075	bias	0.000	4 R#76	8 Open	8 Open_(Lyot	Open	Empty	5.2455555556	1.4338637651	2102	2052	PG1047
lb080076	bias	0.000	4 R#76	8 Open	8 Open_(Lyot	Open	Empty	5.2697222222	1.4408276852	2102	2052	PG1047
lb080077	bias	0.000	4 R#76	8 Open	8 Open_(Lyot	Open	Empty	5.2941666667	1.4480430510	2102	2052	PG1047
lb080078	bias	0.000	4 R#76	8 Open	8 Open_(Lyot	Open	Empty	5.3183333333	1.4553003038	2102	2052	PG1047
lb080079	bias	0.000	4 R#76	8 Open	8 Open_(Lyot	Open	Empty	5.3425000000	1.4626804772	2102	2052	PG1047
lb080080	bias	0.000	4 R#76	8 Open	8 Open_(Lyot	Open	Empty	5.3666666667	1.4701449140	2102	2052	PG1047
lb080081	bias	0.000	4 R#76	8 Open	8 Open_(Lyot	Open	Empty	5.3911111111	1.4779090910	2102	2052	PG1047
lb080082	bias	0.000	4 R#76	8 Open	8 Open_(Lyot	Open	Empty	5.4202777778	1.4873504610	1051	1026	PG1047
lb080083	bias	0.000	4 R#76	8 Open	8 Open_(Lyot	Open	Empty	5.4283333333	1.4899872476	1051	1026	PG1047
lb080084	bias	0.000	4 R#76	8 Open	8 Open_(Lyot	Open	Empty	5.4372222222	1.4929196922	1051	1026	PG1047
lb080085	bias	0.000	4 R#76	8 Open	8 Open_(Lyot	Open	Empty	5.4444444444	1.4952740121	1051	1026	PG1047
lb080086	bias	0.000	4 R#76	8 Open	8 Open_(Lyot	Open	Empty	5.4525000000	1.4979617112	1051	1026	PG1047
lb080087	bias	0.000	4 R#76	8 Open	8 Open_(Lyot	Open	Empty	5.4605555556	1.5006589756	1051	1026	PG1047
lb080088	bias	0.000	4 R#76	8 Open	8 Open_(Lyot	Open	Empty	5.4683333333	1.5033150484	1051	1026	PG1047
lb080089	bias	0.000	4 R#76	8 Open	8 Open_(Lyot	Open	Empty	5.4763888889	1.5061220587	1051	1026	PG1047
lb080090	bias	0.000	4 R#76	8 Open	8 Open_(Lyot	Open	Empty	5.4847222222	1.5088647253	1051	1026	PG1047
lb080091	bias	0.000	4 R#76	8 Open	8 Open_(Lyot	Open	Empty	5.4927777778	1.5116505449	1051	1026	PG1047
lb080092	flat	60.000	4 R#76	8 Open	8 Open_(Lyot	Open	Empty	7.3527777778	1.1578462648	2102	2052	Blank13h
lb080093	flat	50.000	4 R#76	8 Open	8 Open_(Lyot	Open	Empty	7.3933333333	1.1641517093	2102	2052	Blank13h
lb080094	flat	20.000	4 R#76	8 Open	8 Open_(Lyot	Open	Empty	7.4322222222	1.1703305864	2102	2052	Blank13h
lb080095	flat	13.000	4 R#76	8 Open	8 Open_(Lyot	Open	Empty	7.4686111111	1.1762769662	2102	2052	Blank13h
lb080096	flat	10.000	4 R#76	8 Open	8 Open_(Lyot	Open	Empty	7.4969444444	1.1809512127	2102	2052	Blank13h
lb080097	flat	10.000	1 U#7	8 Open	8 Open_(Lyot	Open	Empty	7.5247222222	1.1856893492	1051	1026	Blank13h
lb080098	flat	7.000	1 U#7	8 Open	8 Open_(Lyot	Open	Empty	7.5358333333	1.1875927348	1051	1026	Blank13h
lb080099	flat	5.000	1 U#7	8 Open	8 Open_(Lyot	Open	Empty	7.5461111111	1.1893504297	1051	1026	Blank13h
lb080100	flat	20.000	1 U#7	8 Open	8 Open_(Lyot	Open	Empty	7.5644444444	1.1925317206	2102	2052	Blank13h
lb080101	flat	13.000	1 U#7	8 Open	8 Open_(Lyot	Open	Empty	7.5944444444	1.1978575526	2102	2052	Blank13h
lb080102	flat	7.000	1 U#7	8 Open	8 Open_(Lyot	Open	Empty	7.6227777778	1.2029211111	2102	2052	Blank13h
lb080103	flat	8.000	8 Open	8 Open	8 Open_(Lyot	FY#369.4	Empty	7.6536111111	1.2085570082	1051	1026	Blank13h
lb080104	flat	7.000	8 Open	8 Open	8 Open_(Lyot	FY#369.4	Empty	7.6641666667	1.2105186522	1051	1026	Blank13h
lb080105	flat	7.000	8 Open	8 Open	8 Open_(Lyot	FY#369.4	Empty	7.6744444444	1.2124557161	1051	1026	Blank13h