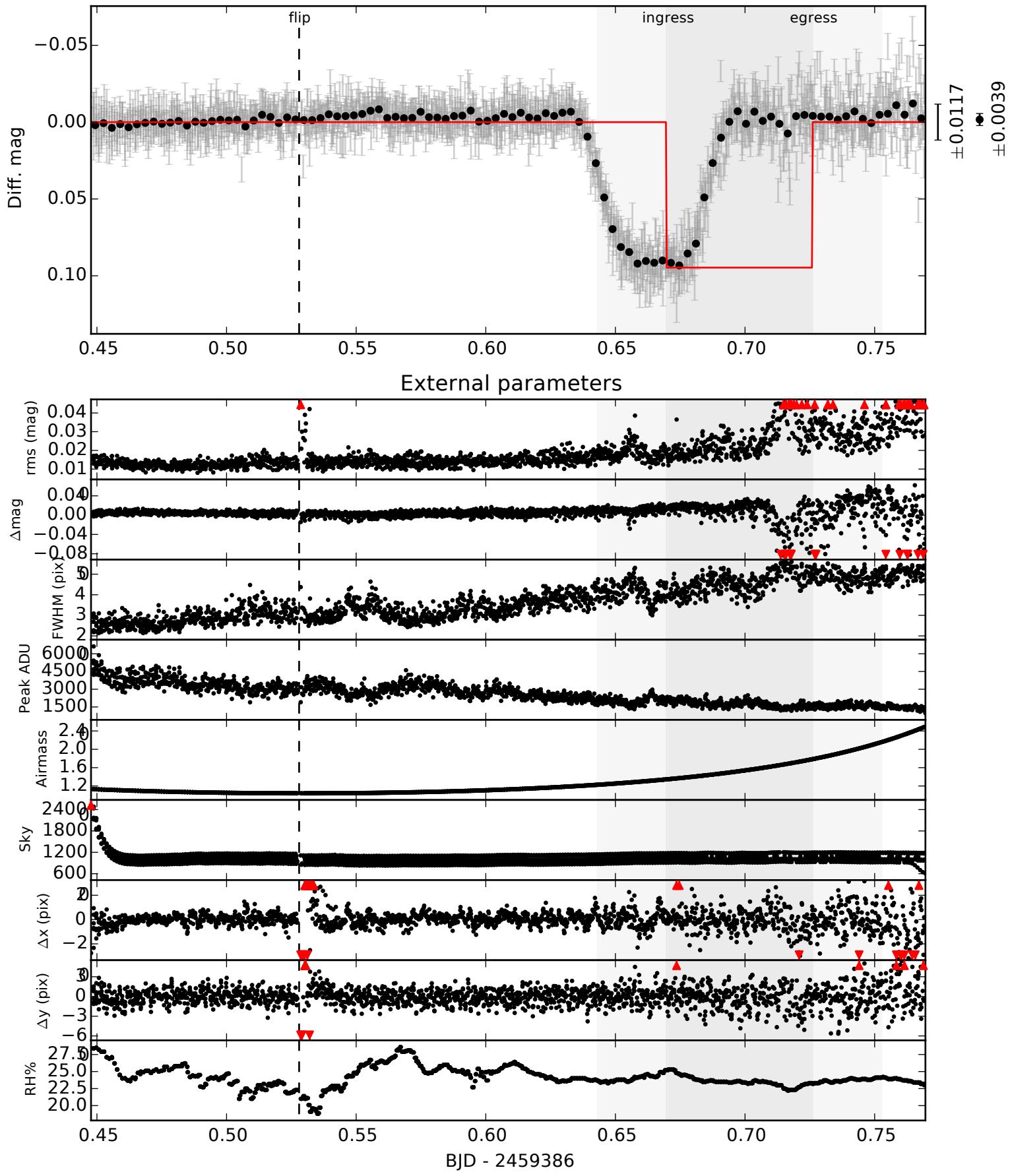
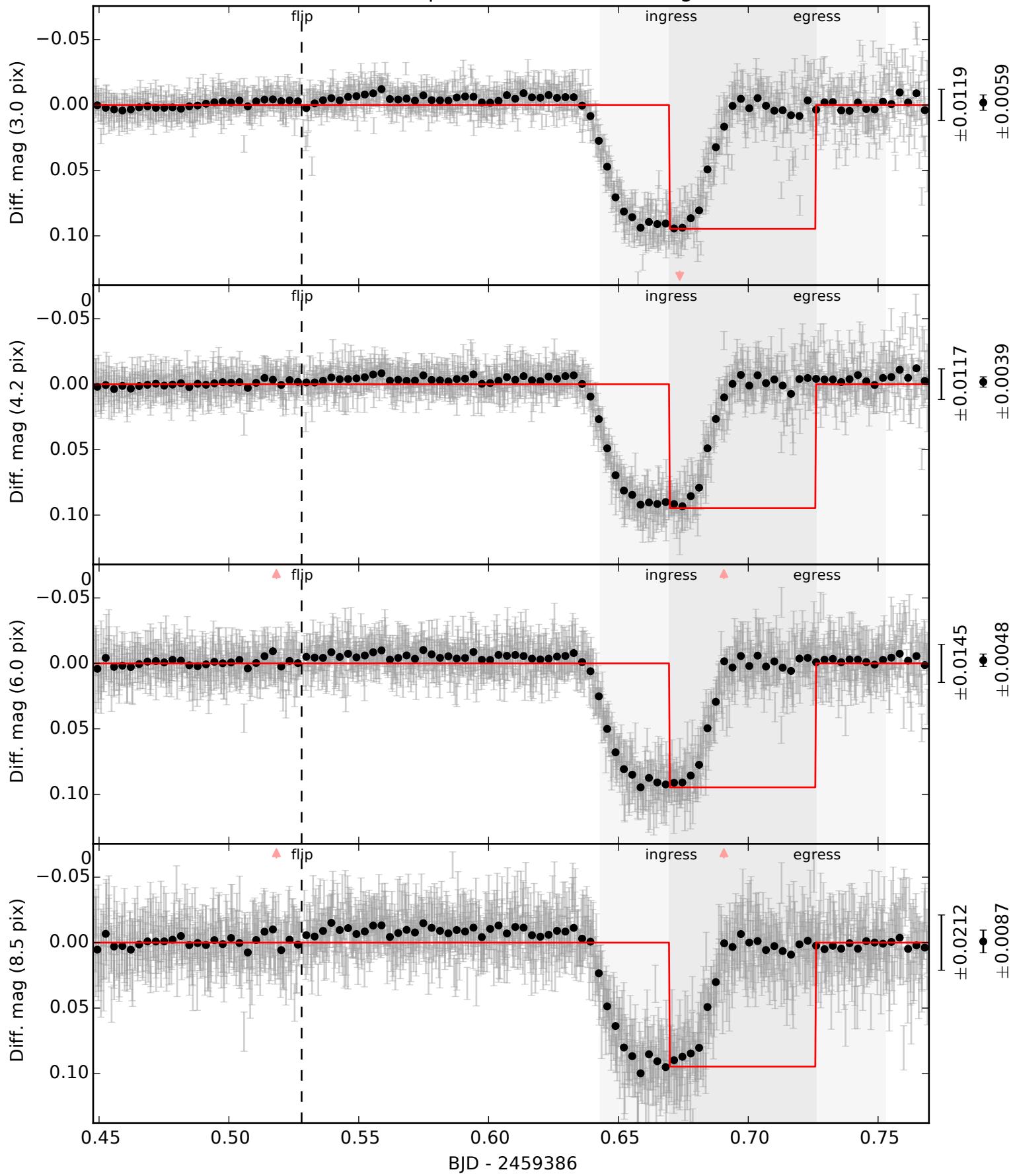


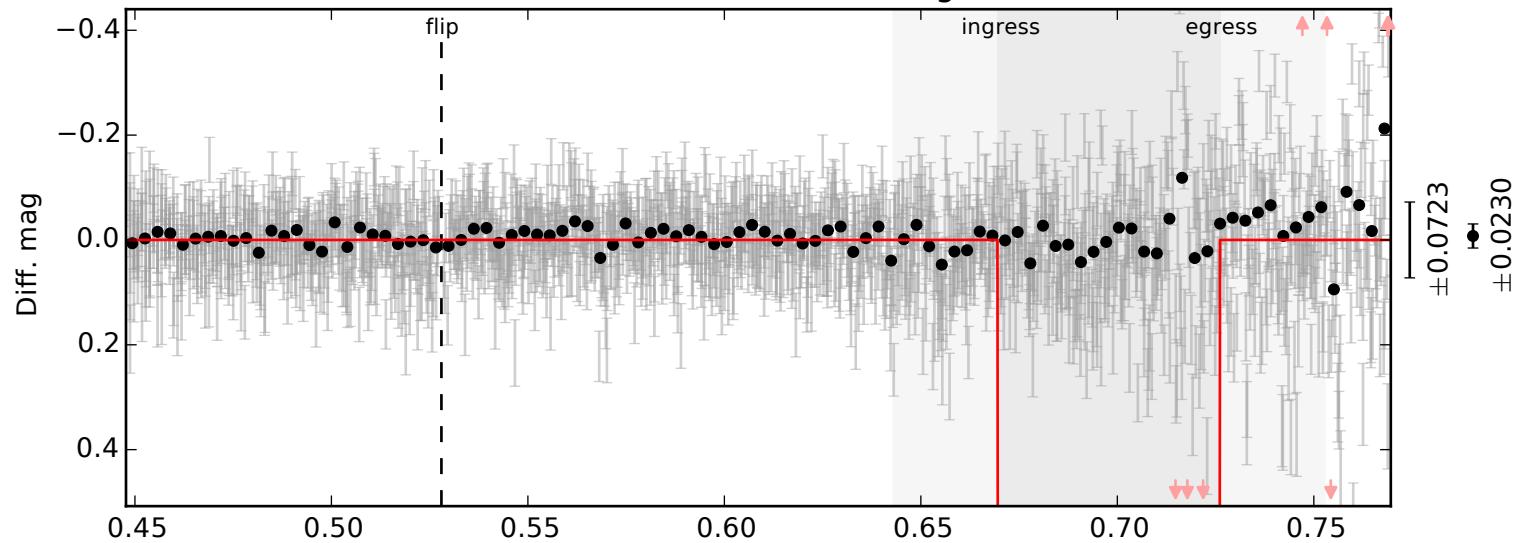
# T243641947 on 20210620 with MEarth-South x 6



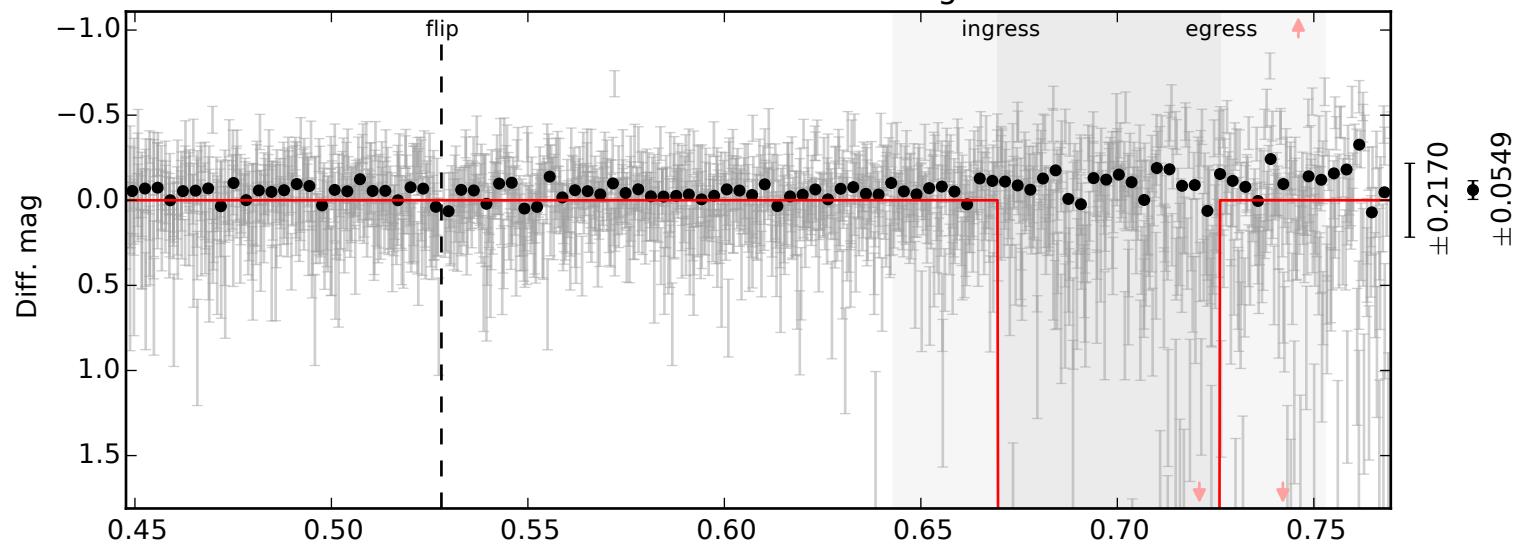
### Variable aperture size test for target



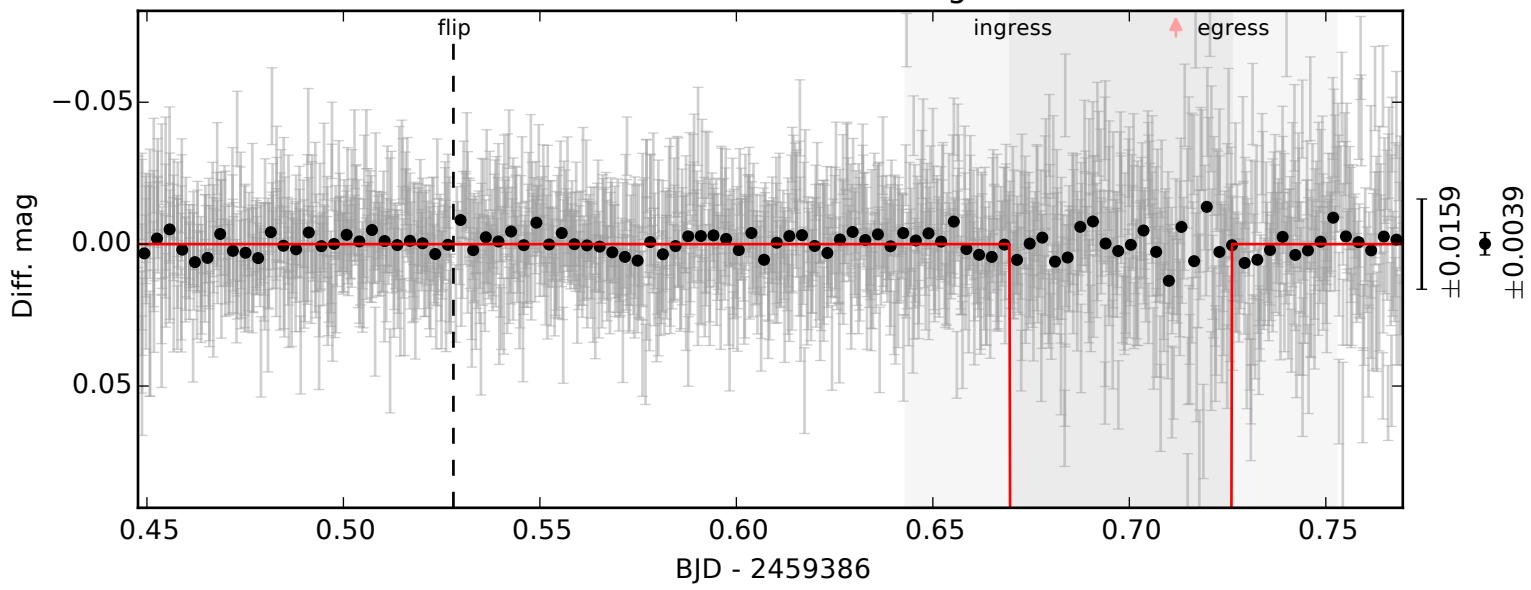
T2 at  $r = 16.8''$   $\theta = 333.5^\circ$   $\Delta\text{mag} = 2.552$



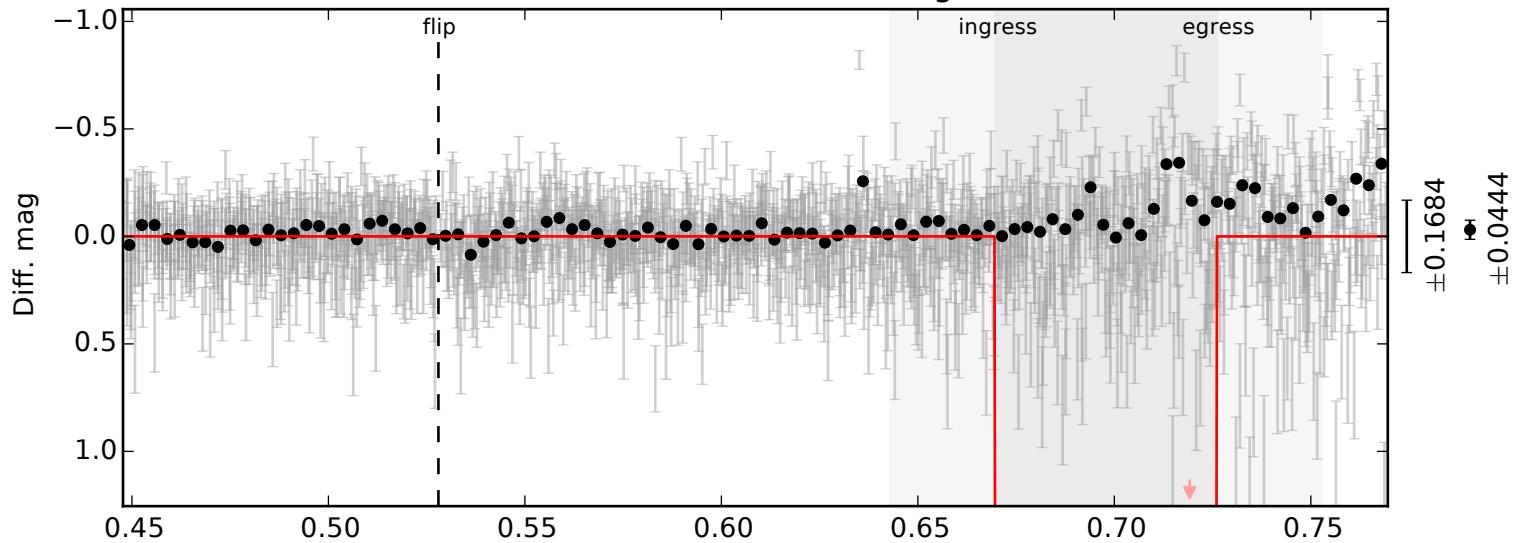
T3 at  $r = 27.4''$   $\theta = 109.3^\circ$   $\Delta\text{mag} = 3.776$



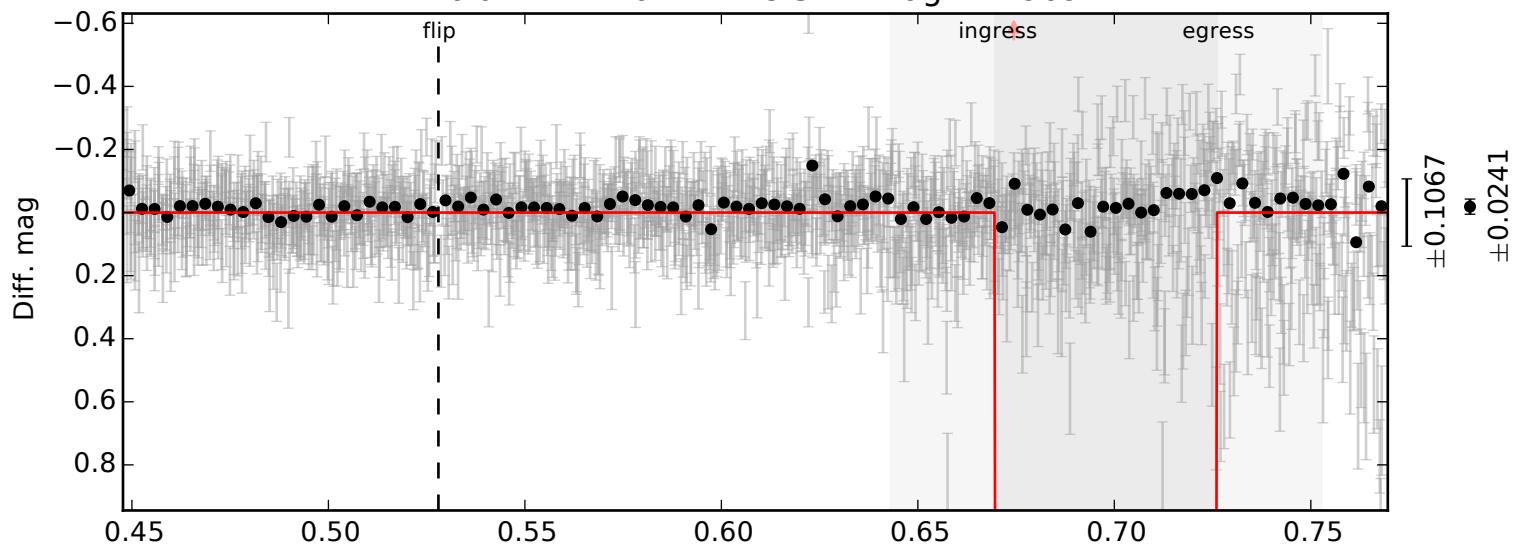
T4 at  $r = 29.0''$   $\theta = 310.2^\circ$   $\Delta\text{mag} = 0.713$



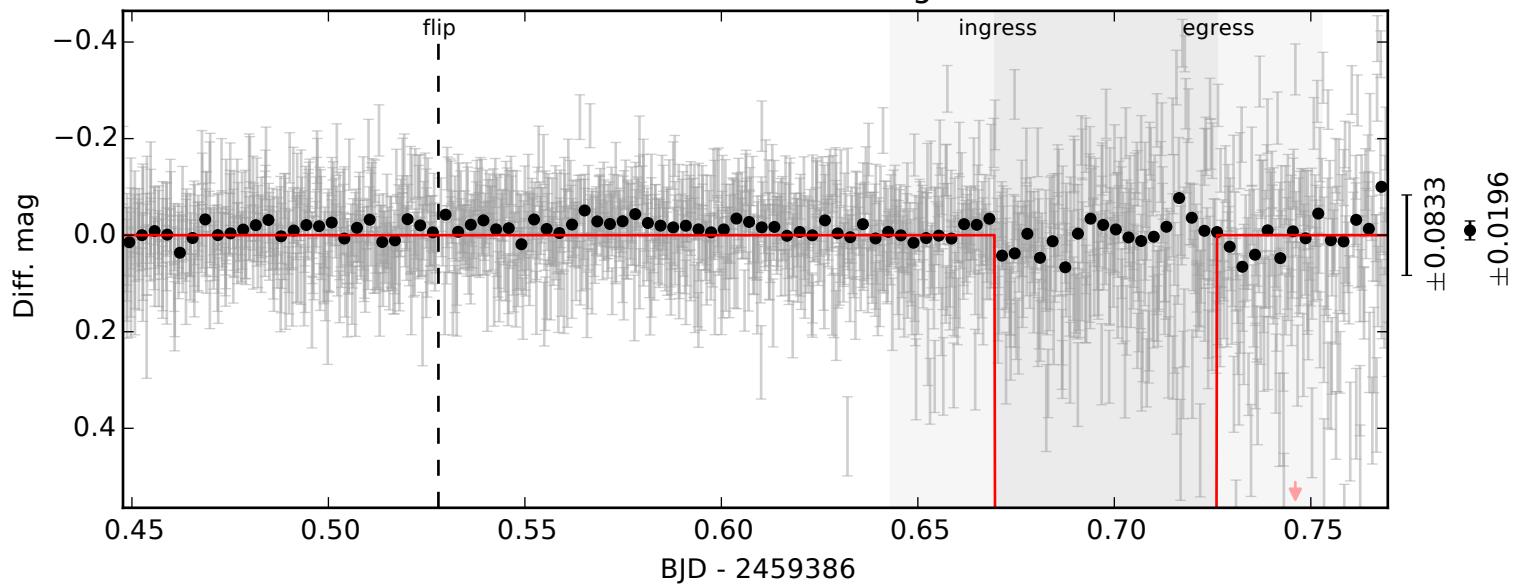
T5 at  $r = 31.9''$   $\theta = 174.0^\circ$   $\Delta\text{mag} = 3.522$



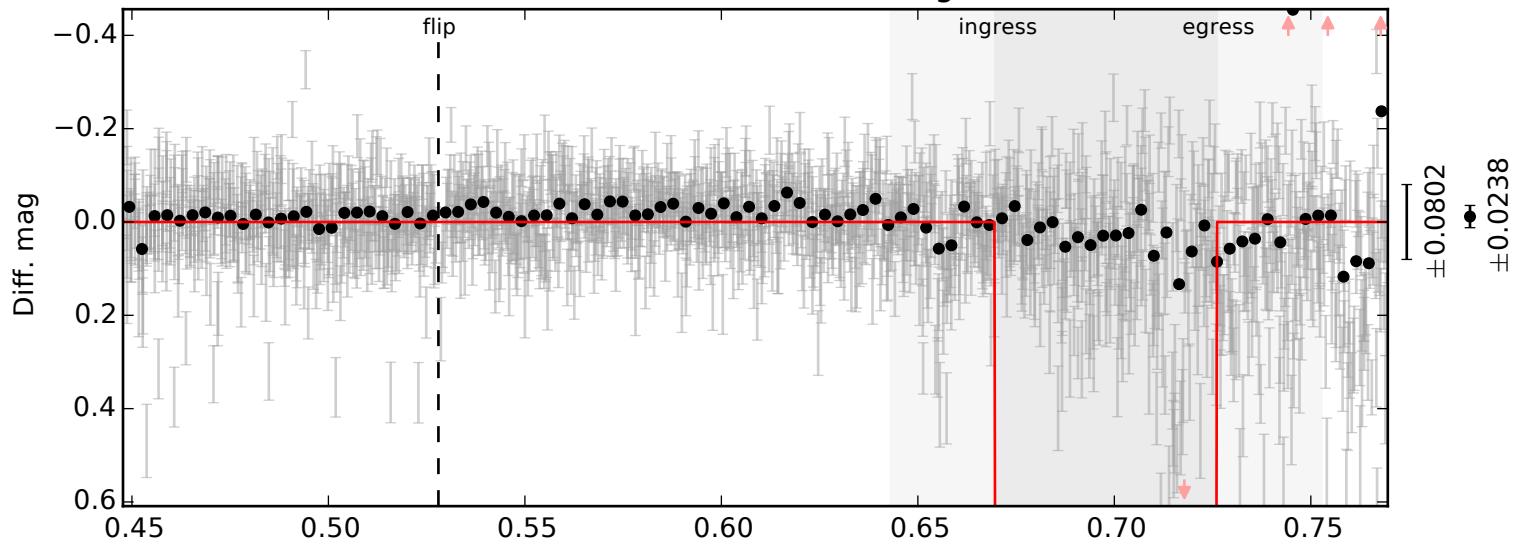
T6 at  $r = 41.6''$   $\theta = 28.3^\circ$   $\Delta\text{mag} = 2.969$



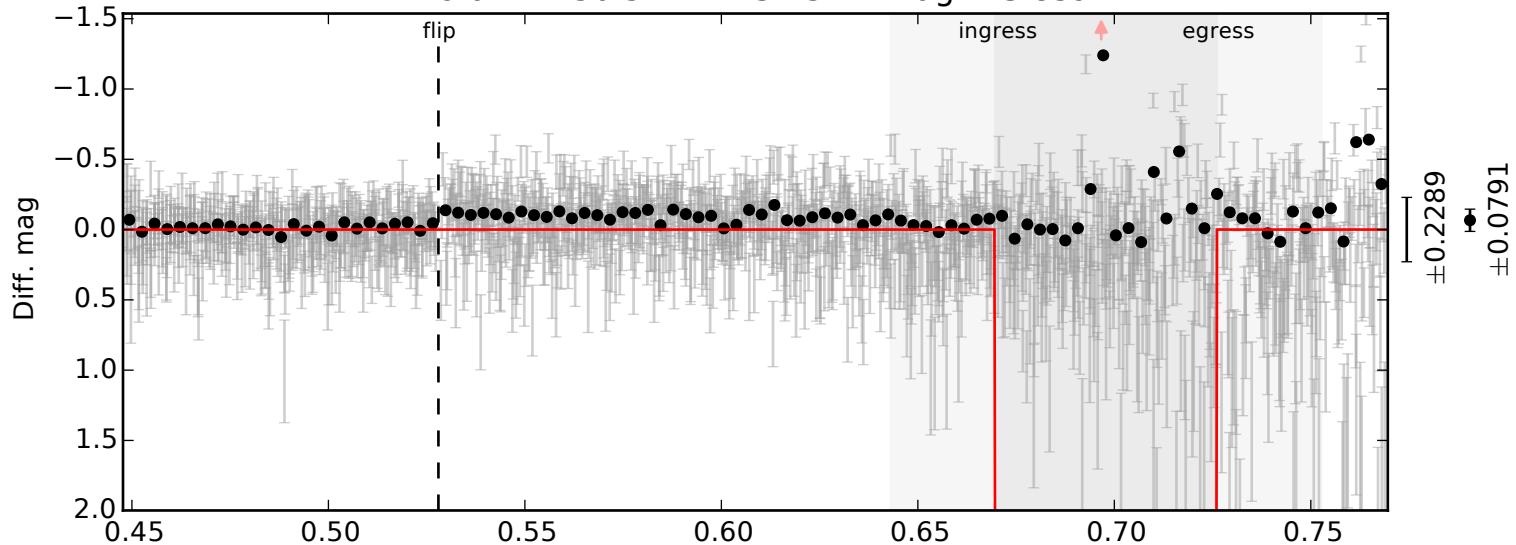
T7 at  $r = 43.2''$   $\theta = 0.6^\circ$   $\Delta\text{mag} = 2.814$



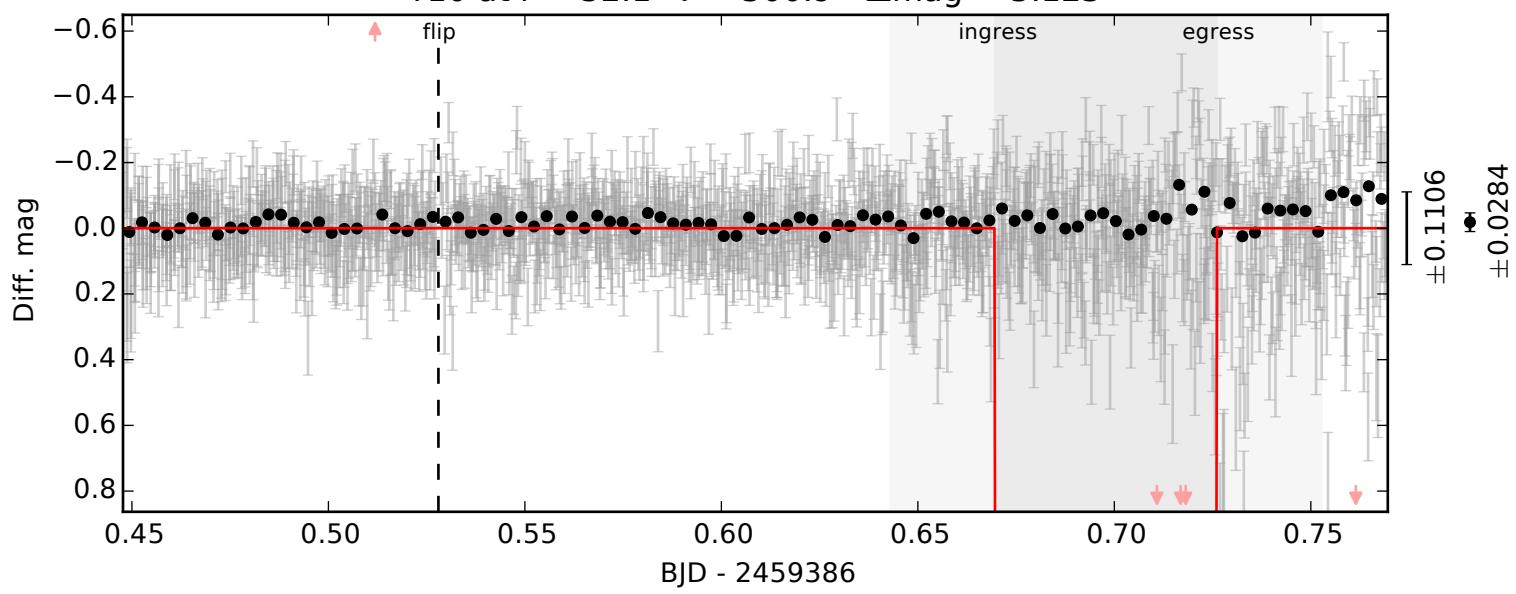
T8 at  $r = 45.4''$   $\theta = 337.5^\circ$   $\Delta\text{mag} = 2.710$



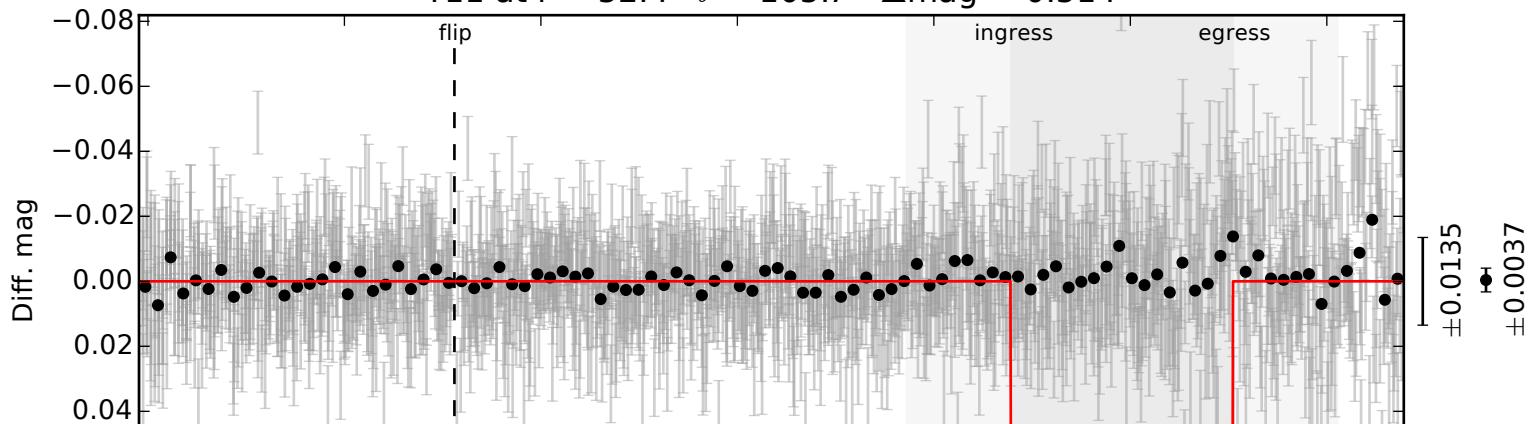
T9 at  $r = 50.5''$   $\theta = 237.5^\circ$   $\Delta\text{mag} = 3.859$



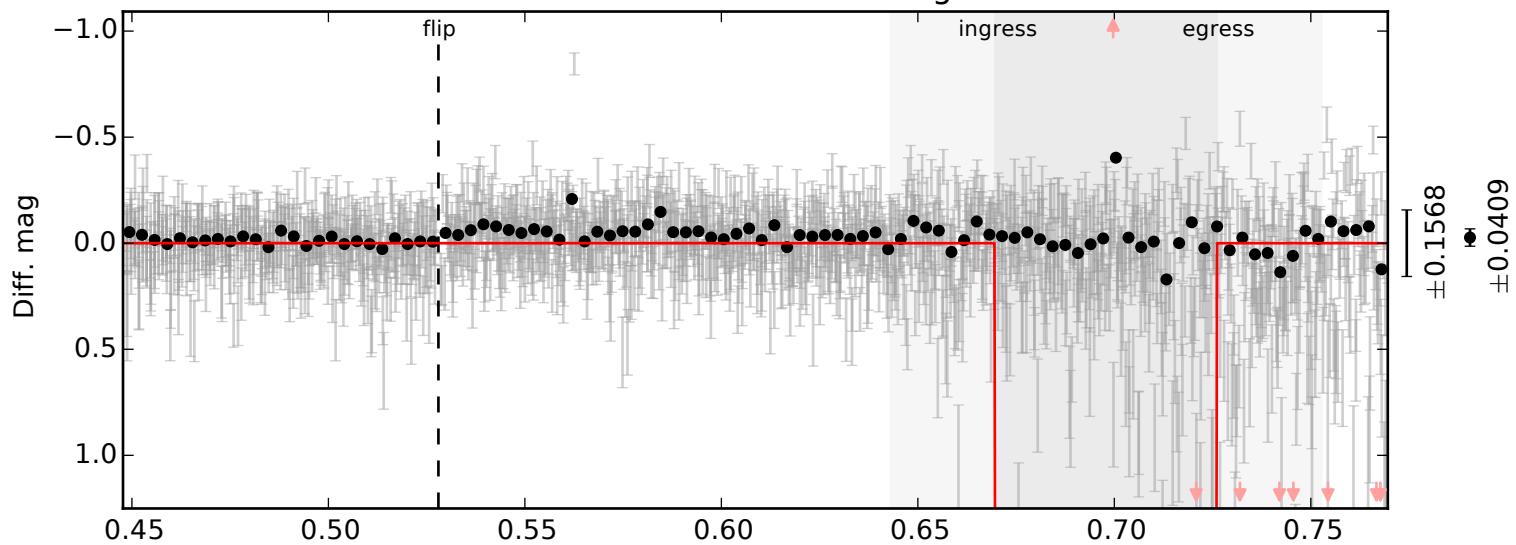
T10 at  $r = 52.1''$   $\theta = 300.9^\circ$   $\Delta\text{mag} = 3.123$



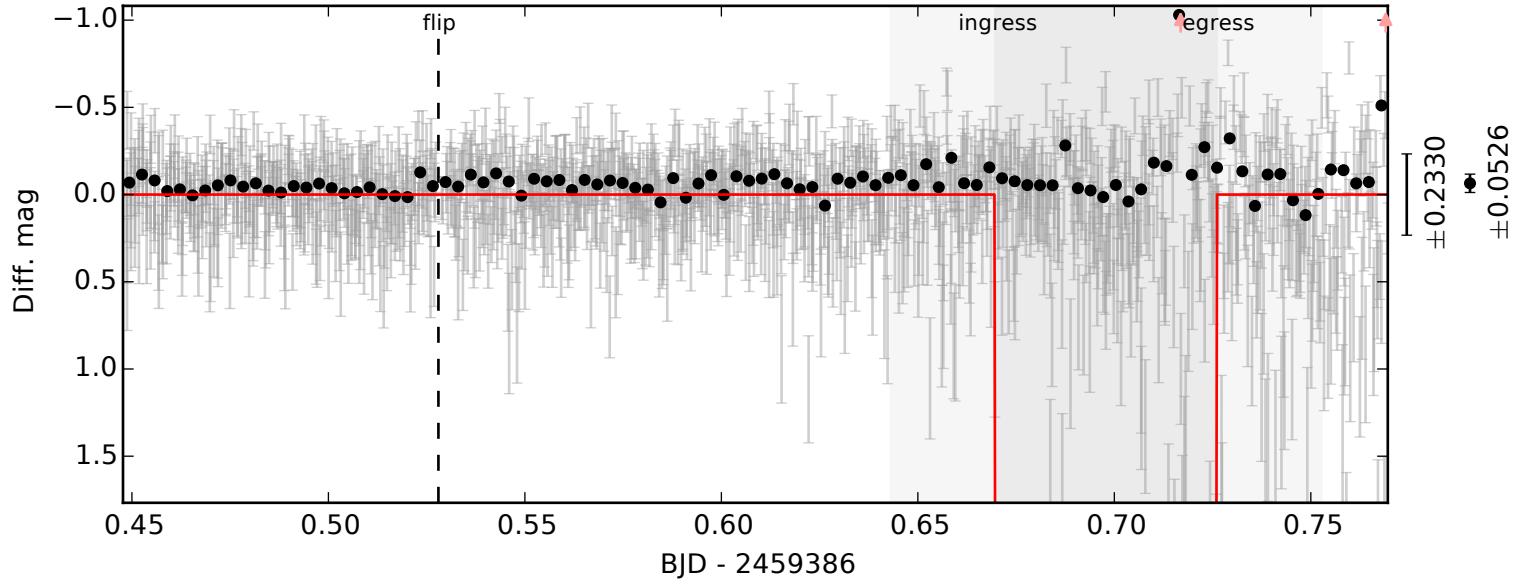
T11 at  $r = 52.4''$   $\theta = 105.7^\circ$   $\Delta\text{mag} = 0.514$



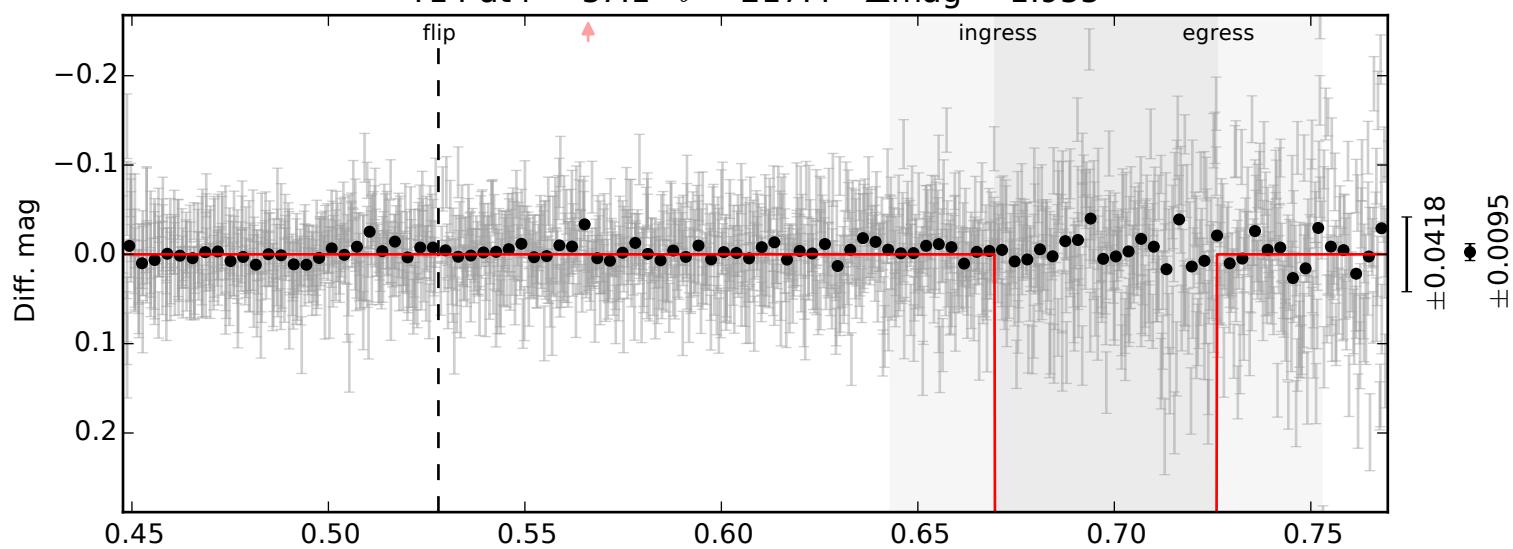
T12 at  $r = 52.7''$   $\theta = 15.1^\circ$   $\Delta\text{mag} = 3.335$



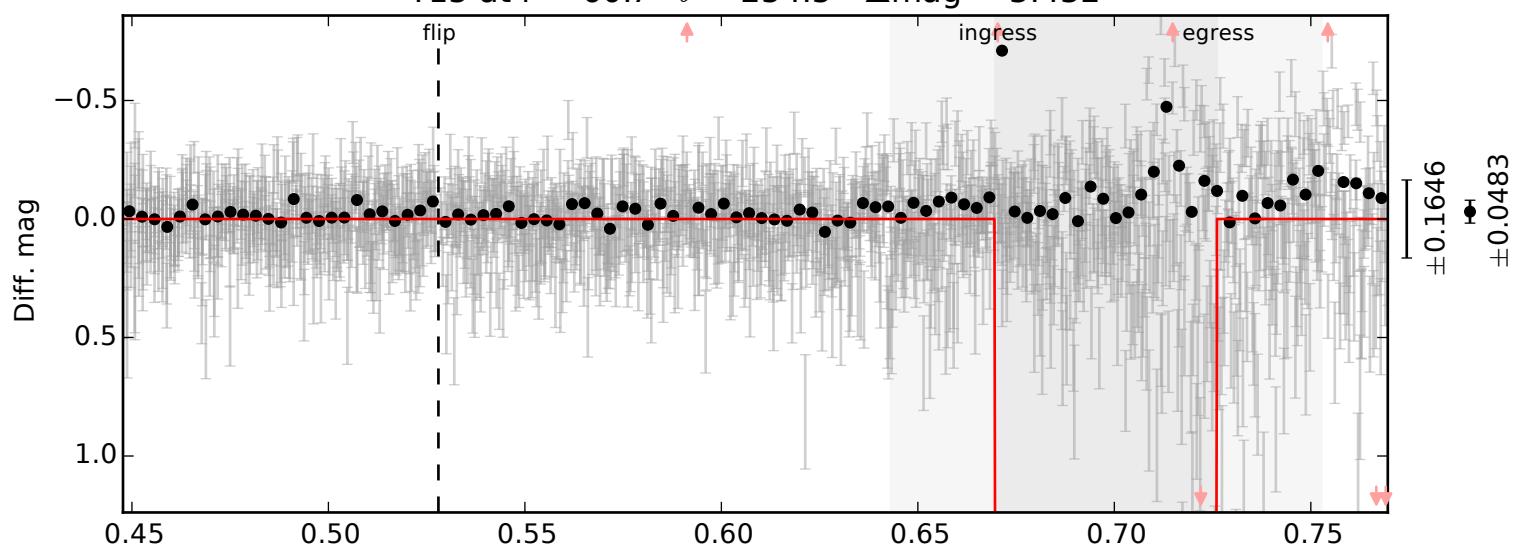
T13 at  $r = 55.5''$   $\theta = 322.0^\circ$   $\Delta\text{mag} = 3.856$



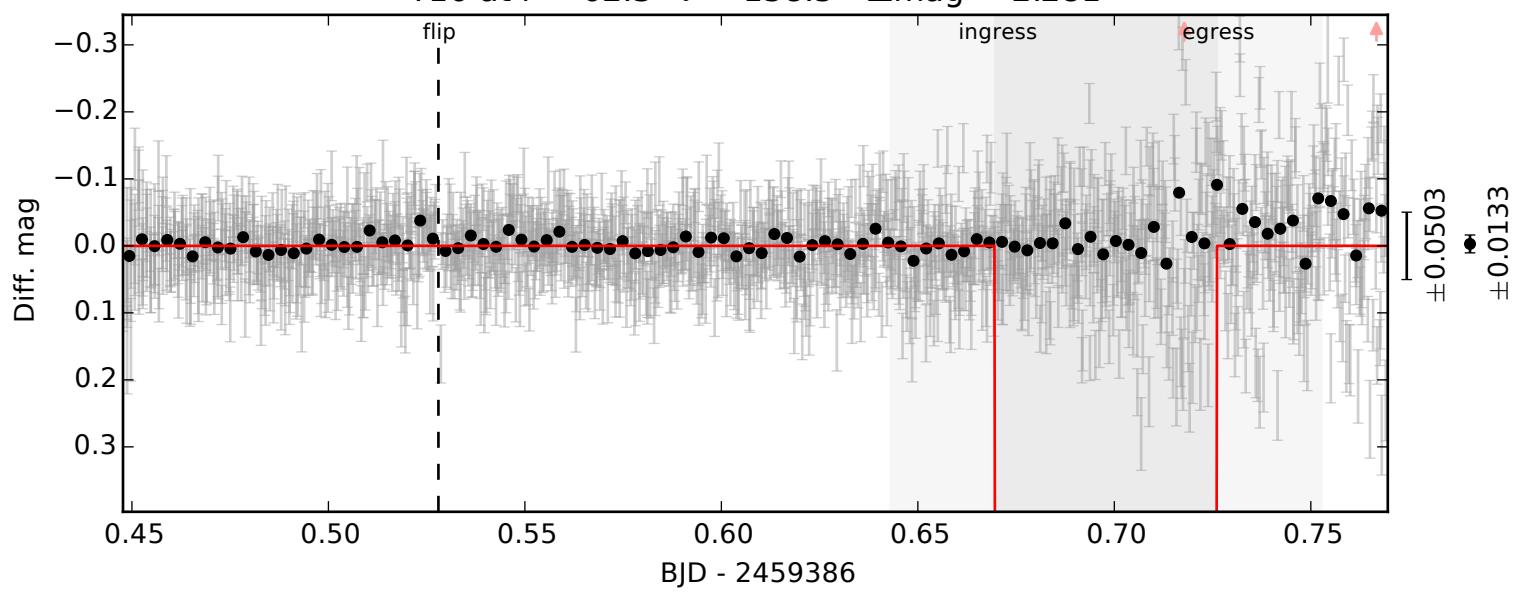
T14 at  $r = 57.1''$   $\theta = 217.4^\circ$   $\Delta\text{mag} = 1.955$



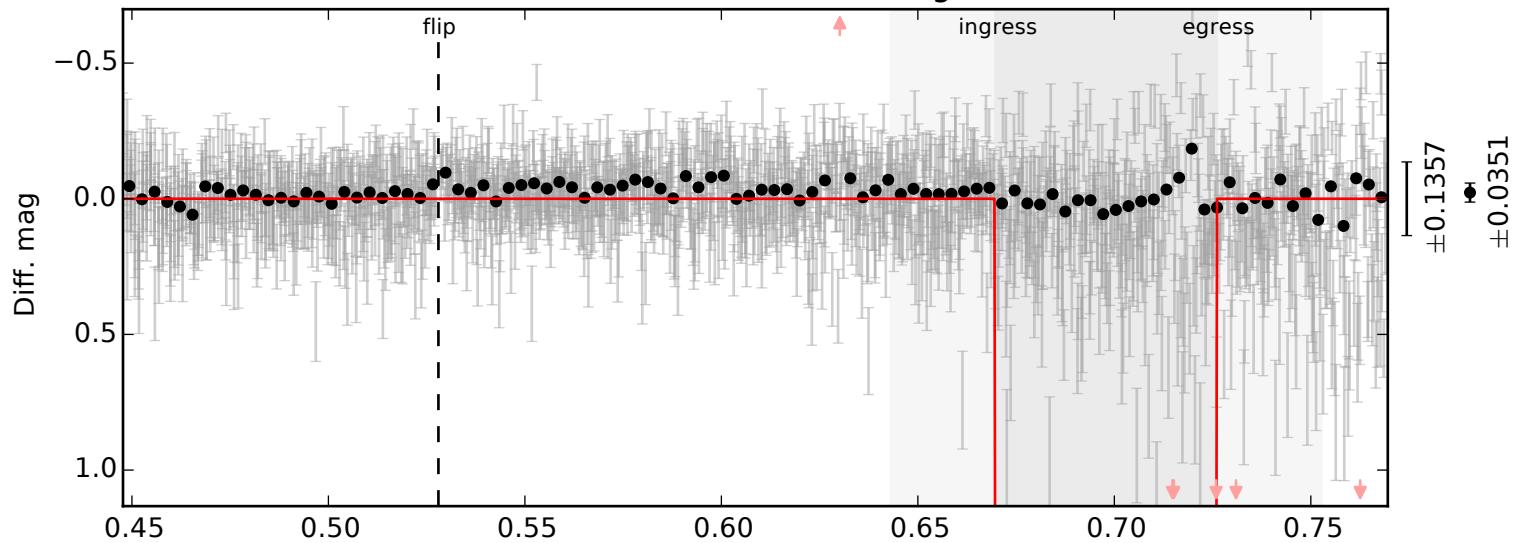
T15 at  $r = 60.7''$   $\theta = 254.5^\circ$   $\Delta\text{mag} = 3.432$



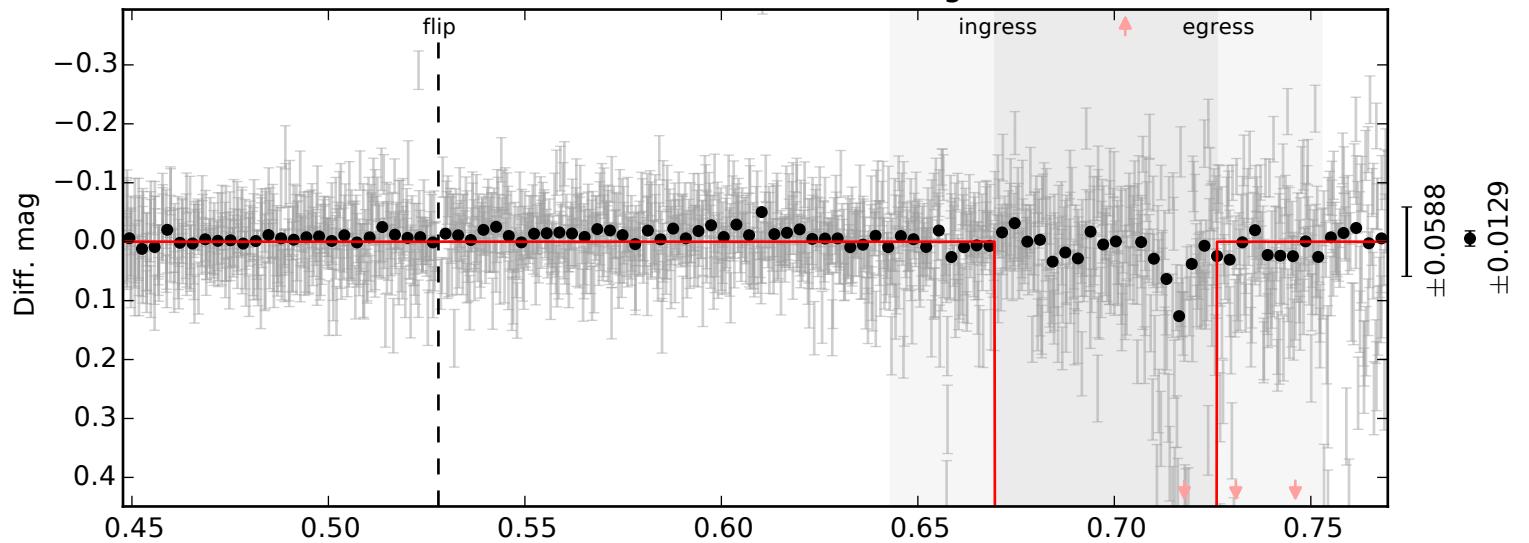
T16 at  $r = 62.3''$   $\theta = 158.5^\circ$   $\Delta\text{mag} = 2.281$



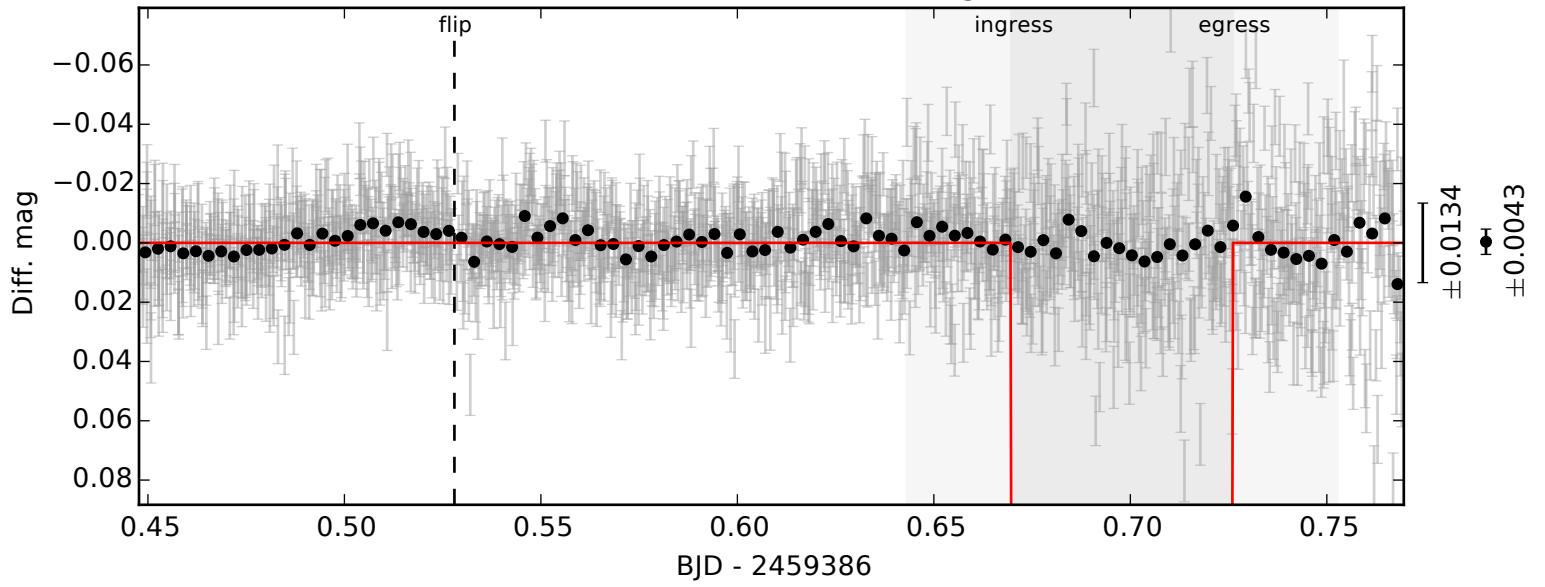
T17 at  $r = 63.1''$   $\theta = 45.2^\circ$   $\Delta\text{mag} = 3.309$



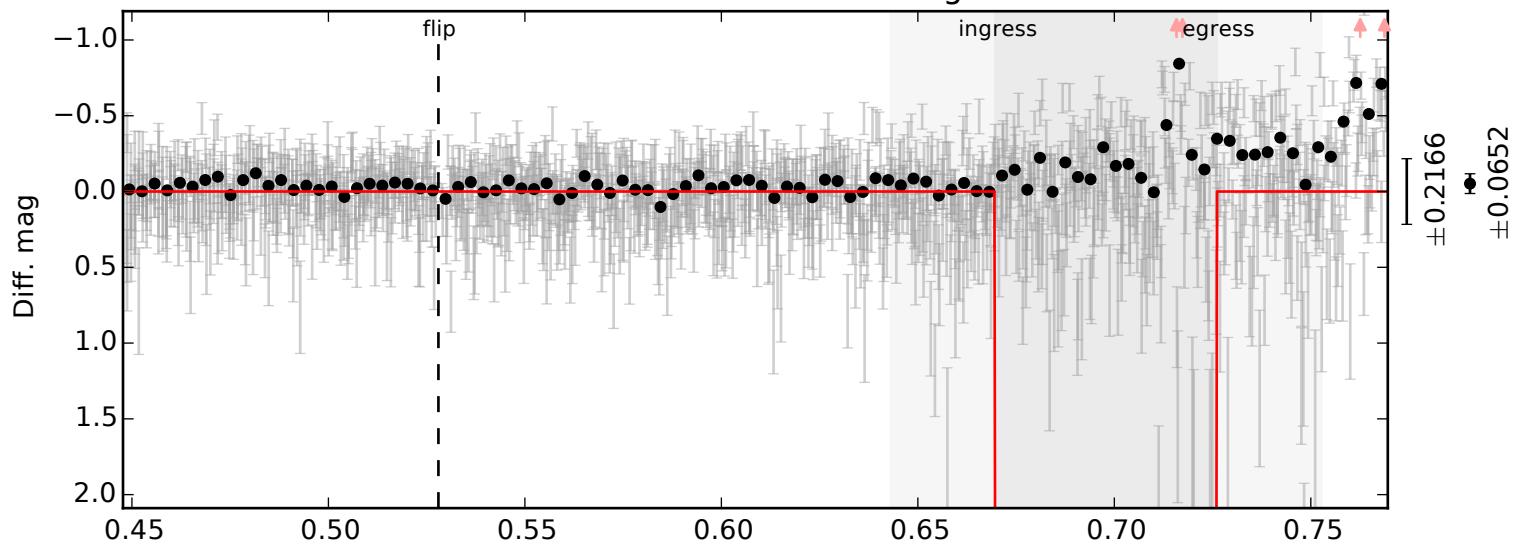
T18 at  $r = 65.9''$   $\theta = 340.0^\circ$   $\Delta\text{mag} = 2.319$



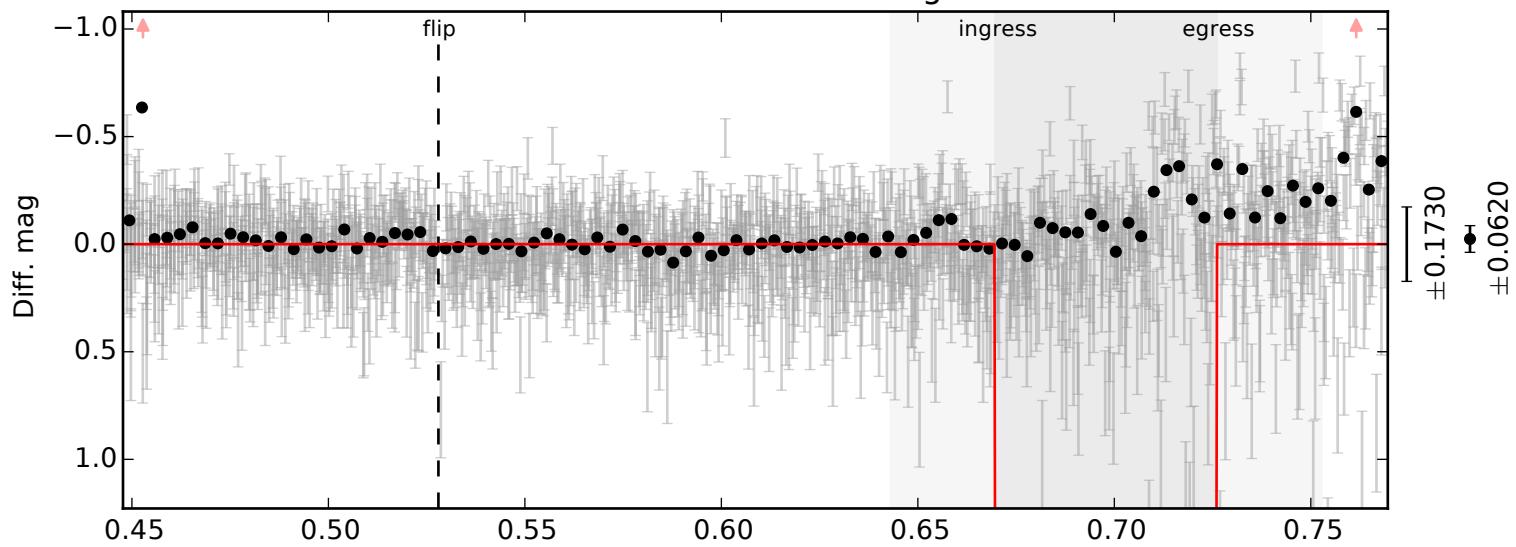
T19 at  $r = 67.5''$   $\theta = 244.9^\circ$   $\Delta\text{mag} = 0.564$



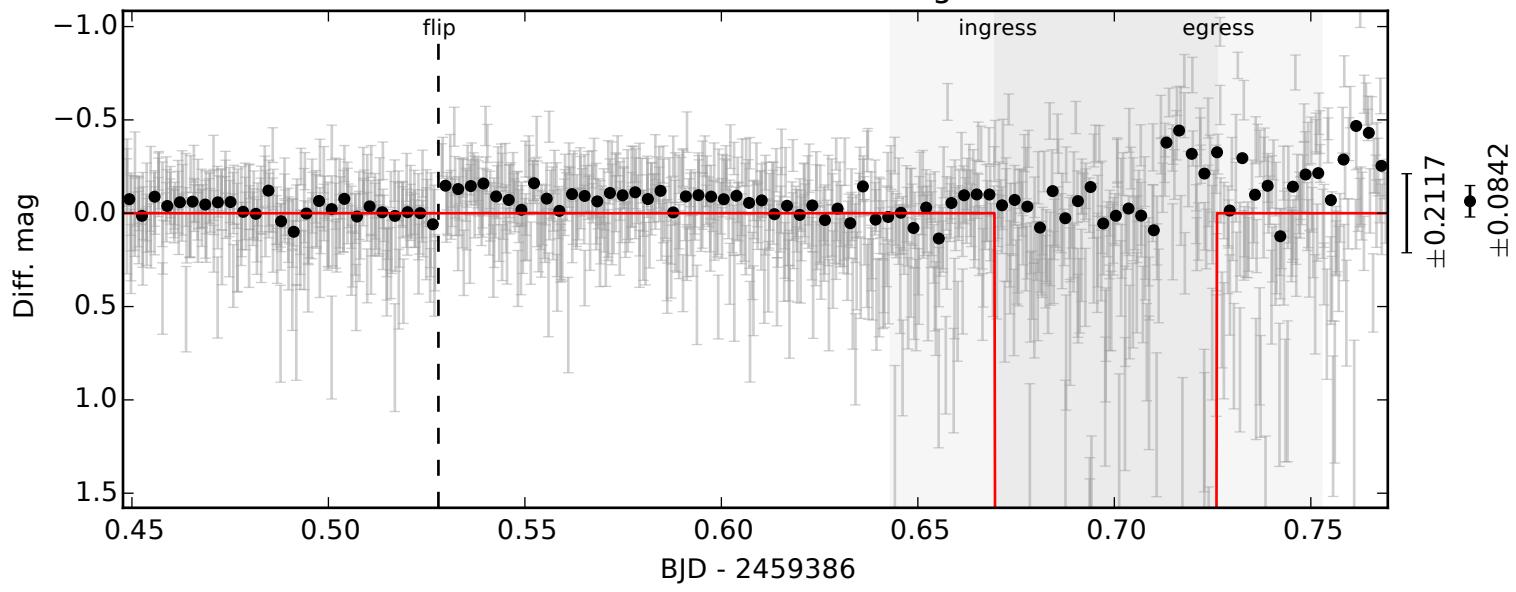
T20 at  $r = 68.3''$   $\theta = 105.5^\circ$   $\Delta\text{mag} = 3.882$



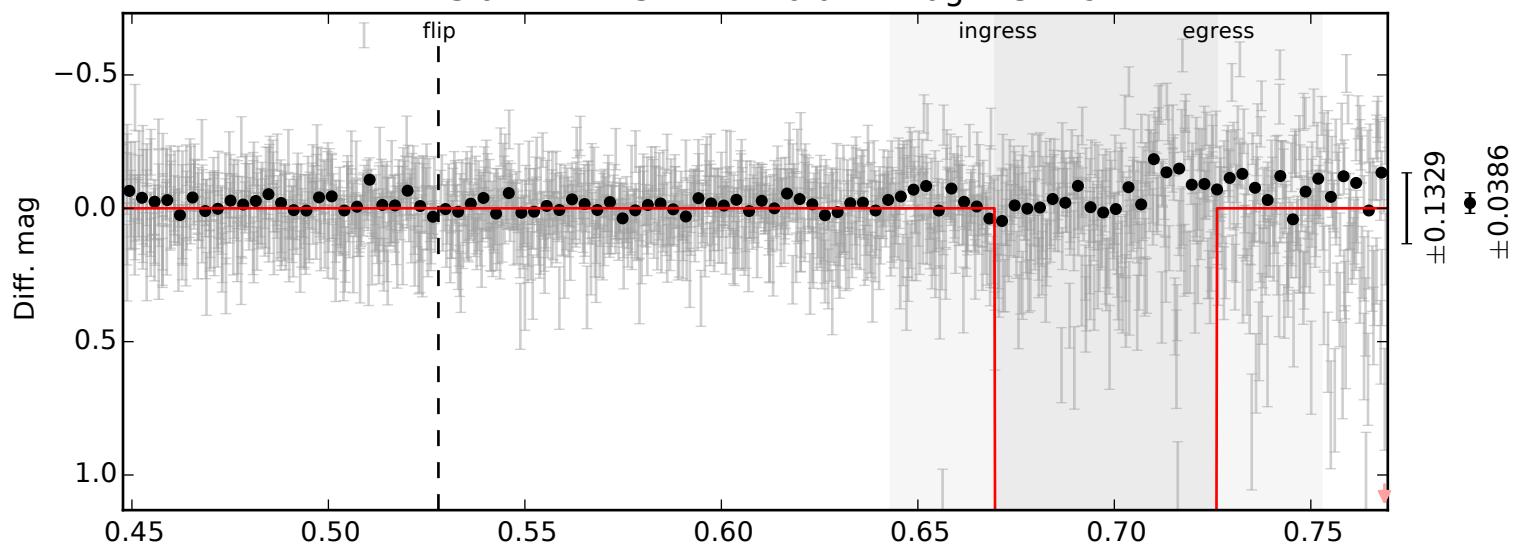
T21 at  $r = 70.3''$   $\theta = 3.4^\circ$   $\Delta\text{mag} = 3.628$



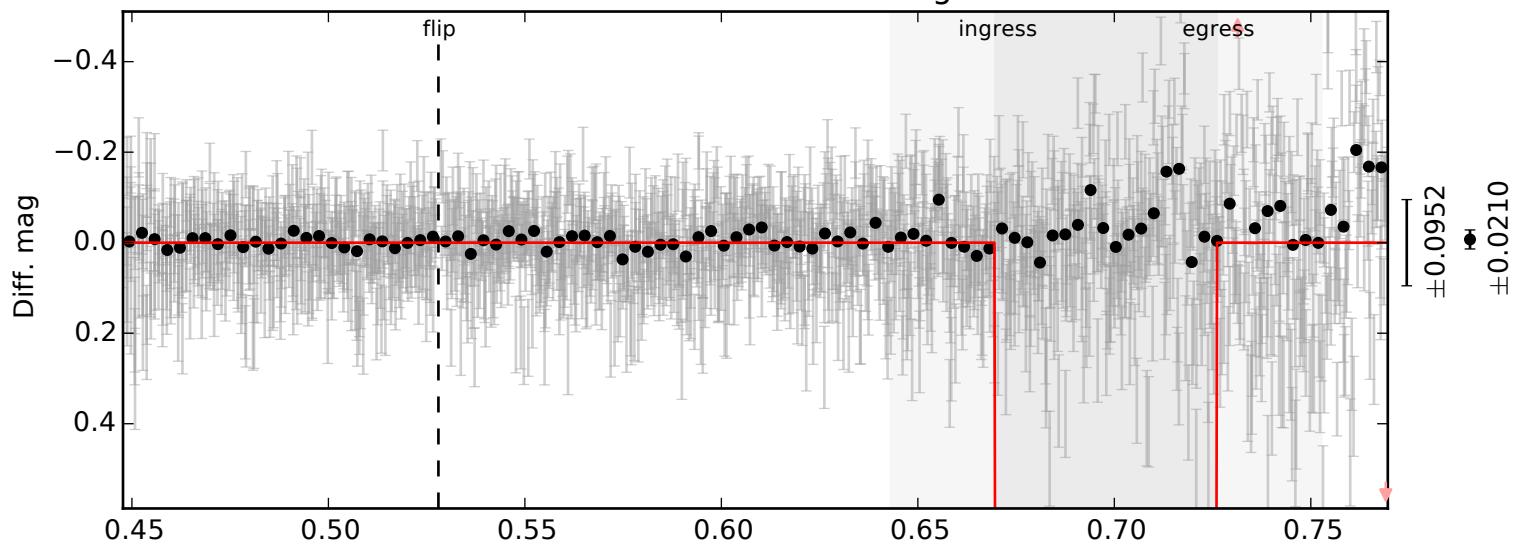
T22 at  $r = 72.1''$   $\theta = 53.7^\circ$   $\Delta\text{mag} = 3.798$



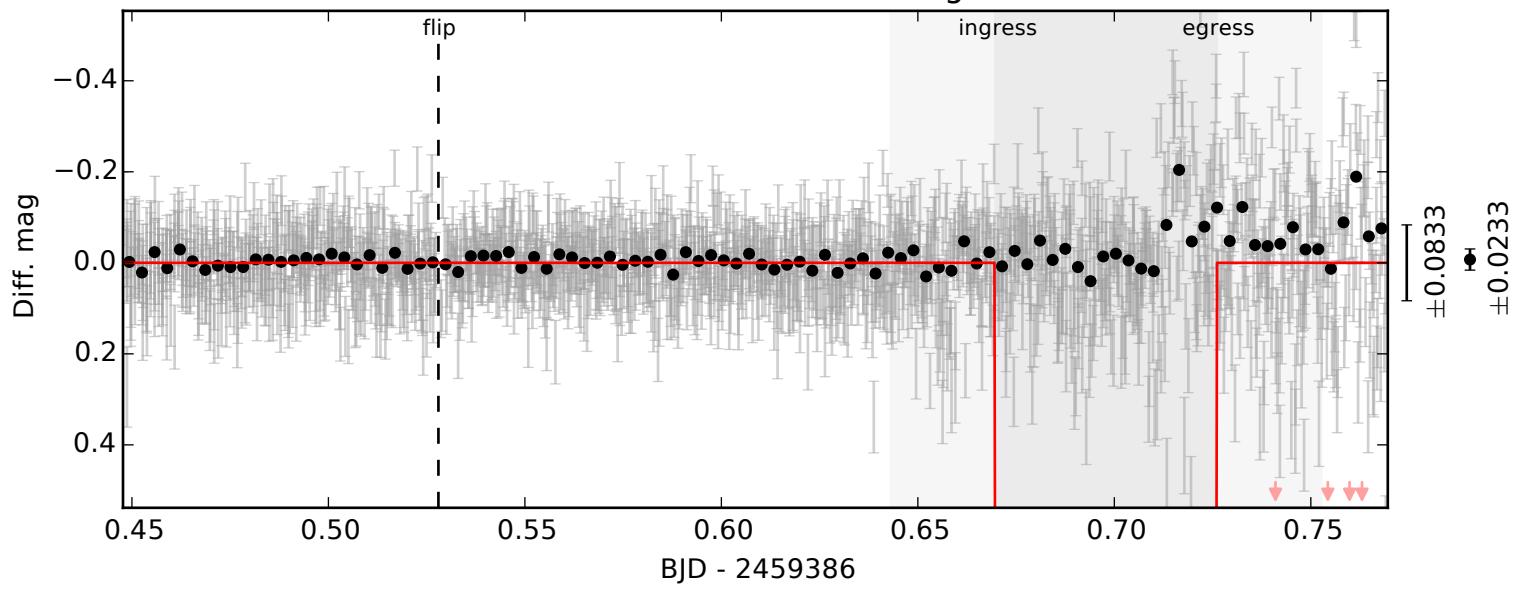
T23 at  $r = 72.3''$   $\theta = 126.0^\circ$   $\Delta\text{mag} = 3.279$



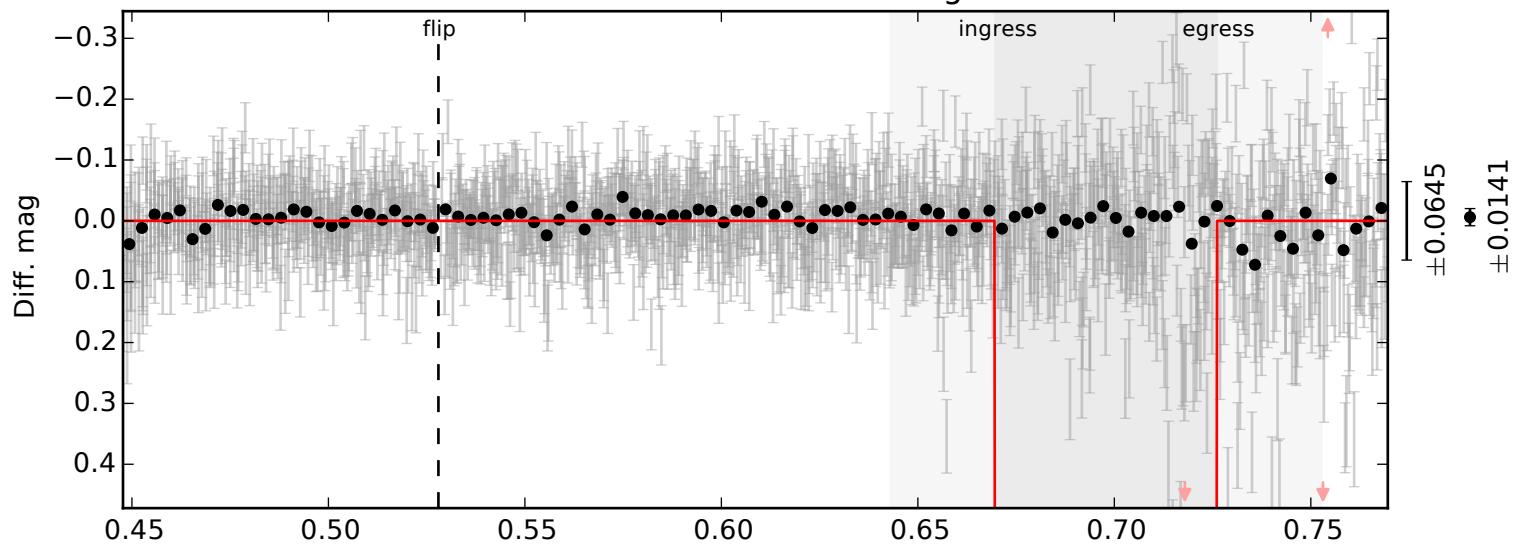
T24 at  $r = 72.7''$   $\theta = 48.5^\circ$   $\Delta\text{mag} = 2.911$



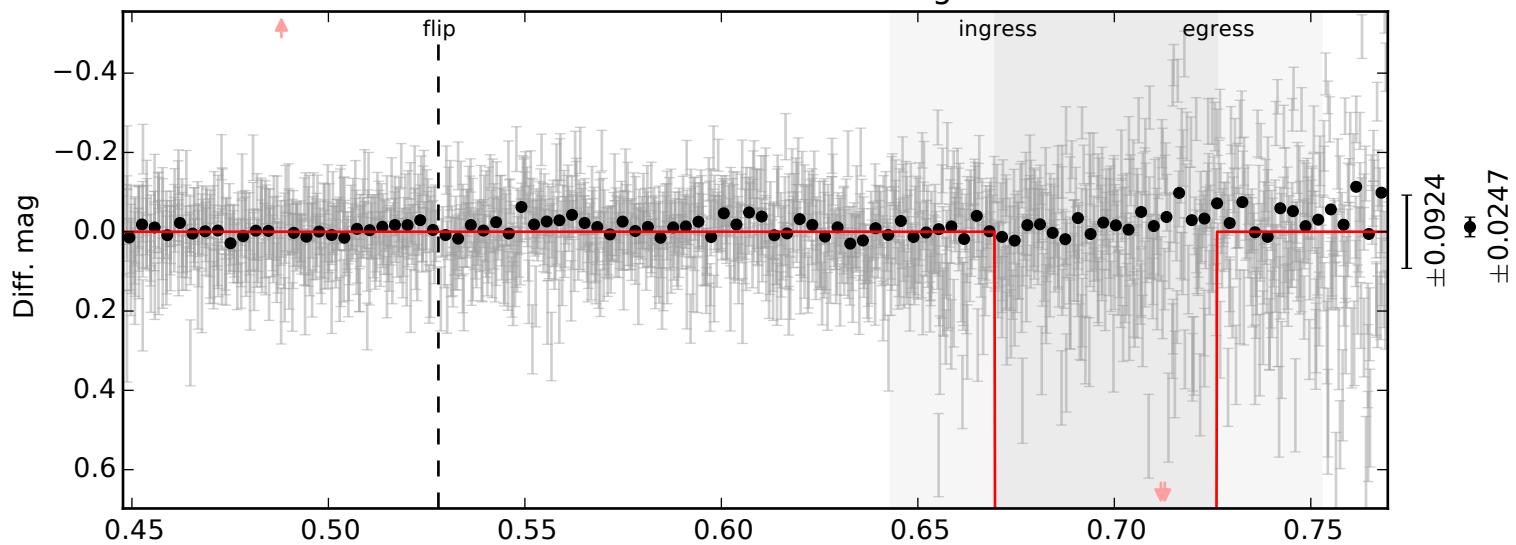
T25 at  $r = 73.6''$   $\theta = 358.1^\circ$   $\Delta\text{mag} = 2.771$



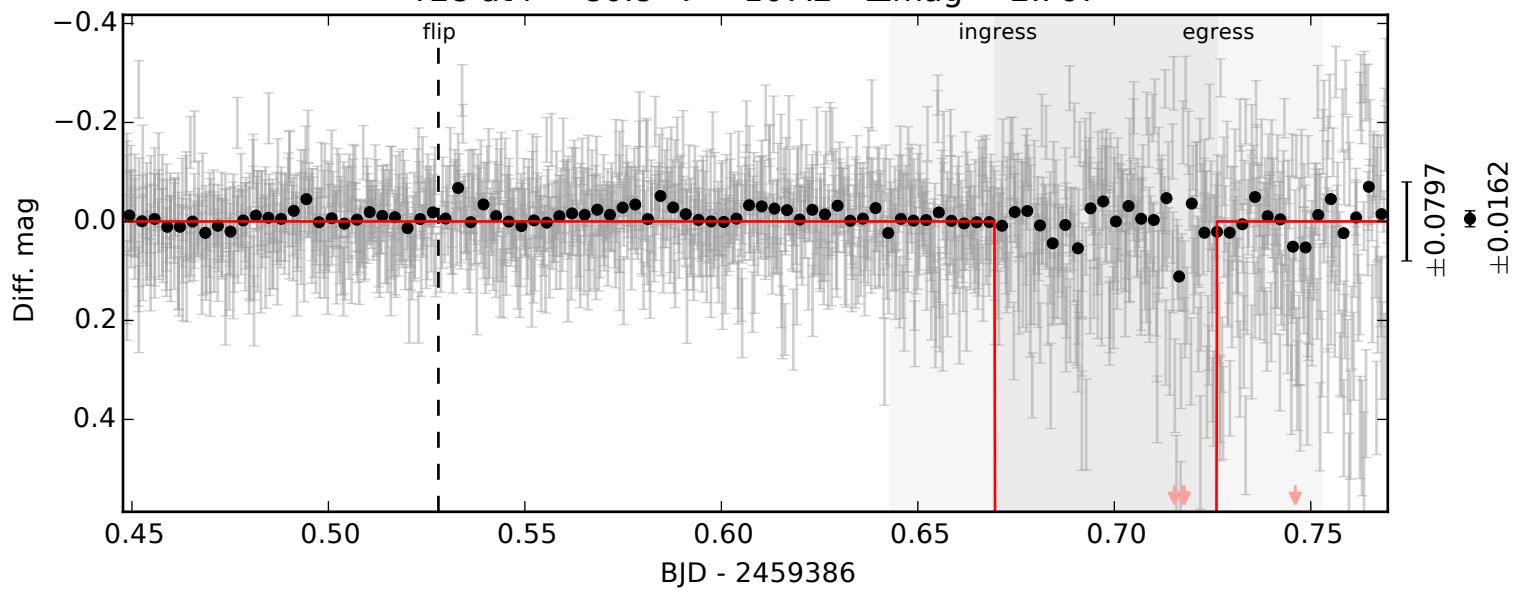
T26 at  $r = 74.9''$   $\theta = 345.6^\circ$   $\Delta\text{mag} = 2.467$



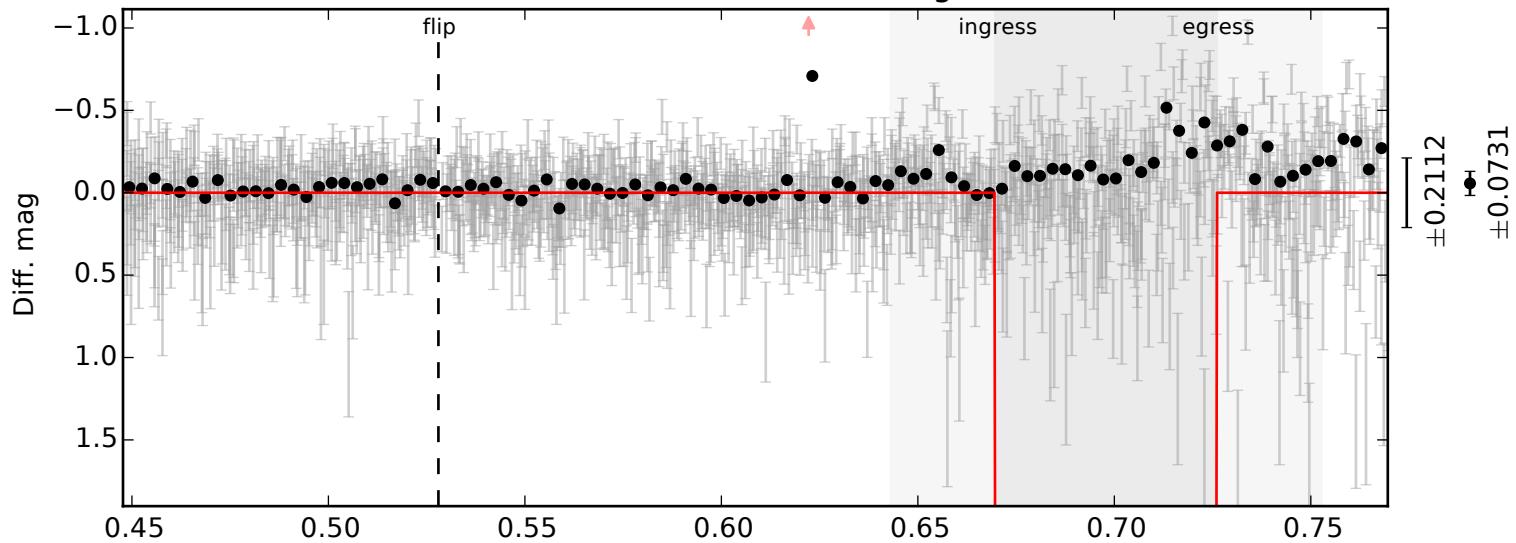
T27 at  $r = 78.0''$   $\theta = 41.8^\circ$   $\Delta\text{mag} = 2.882$



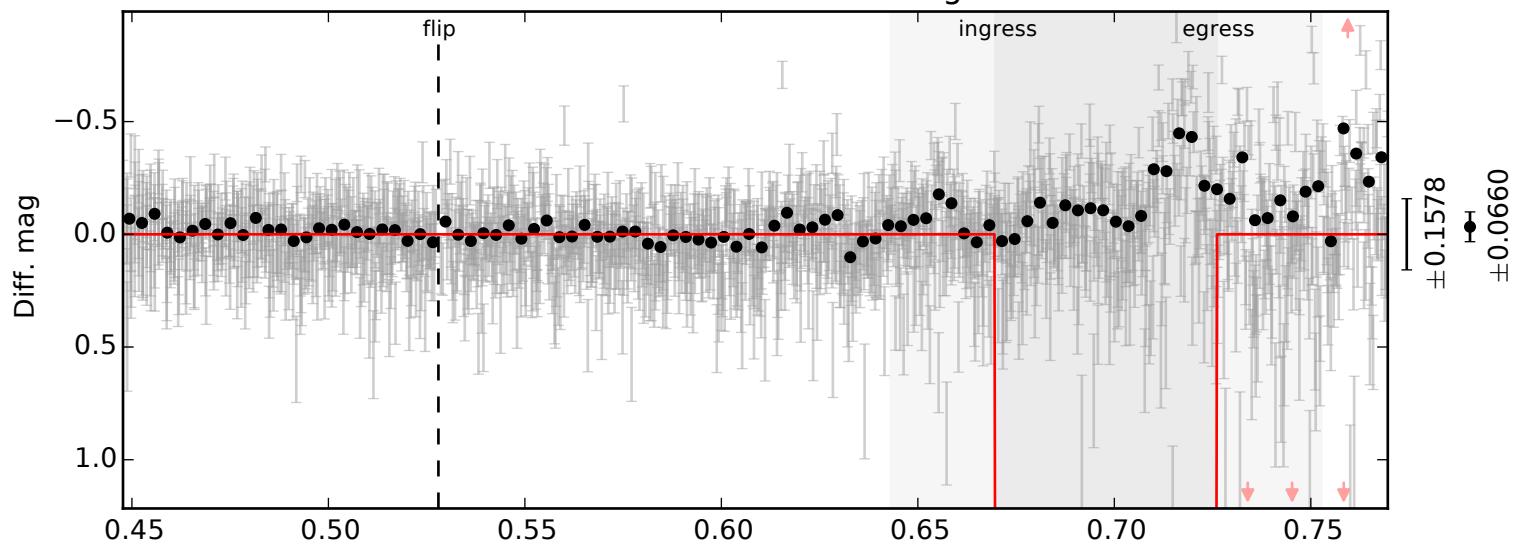
T28 at  $r = 80.8''$   $\theta = 107.2^\circ$   $\Delta\text{mag} = 2.767$



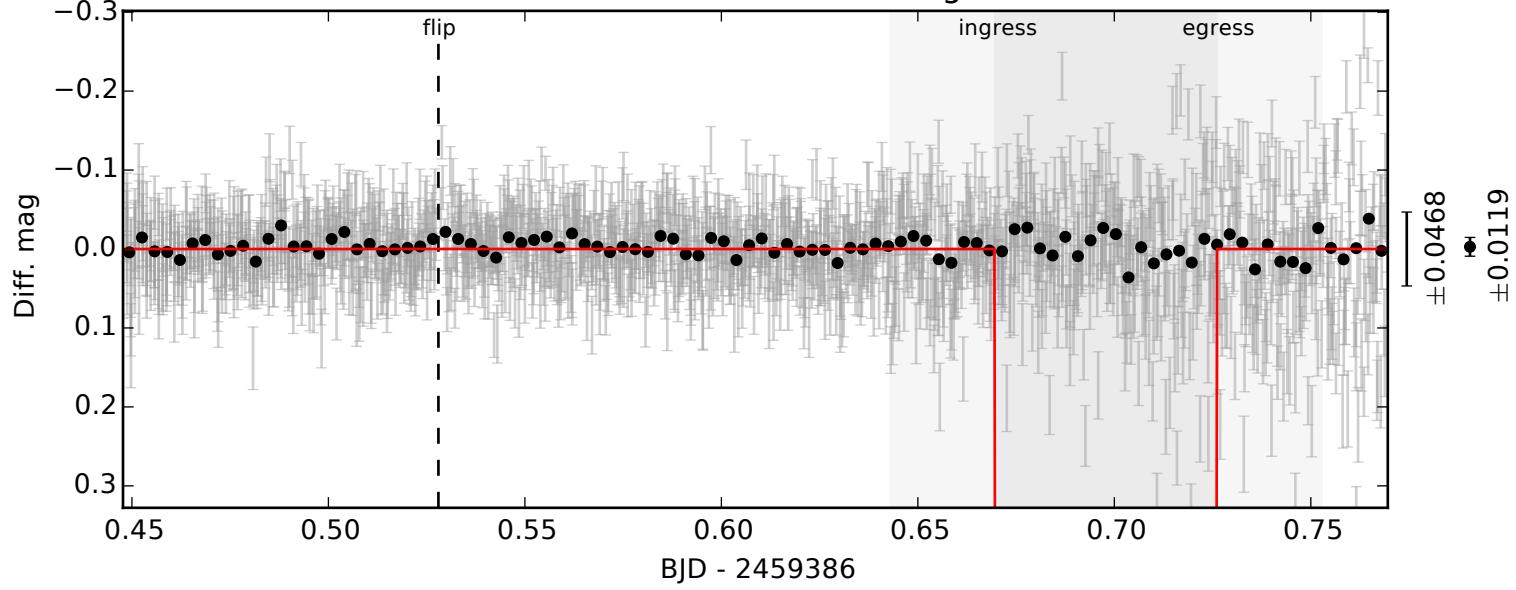
T29 at  $r = 81.3''$   $\theta = 65.5^\circ$   $\Delta\text{mag} = 3.882$



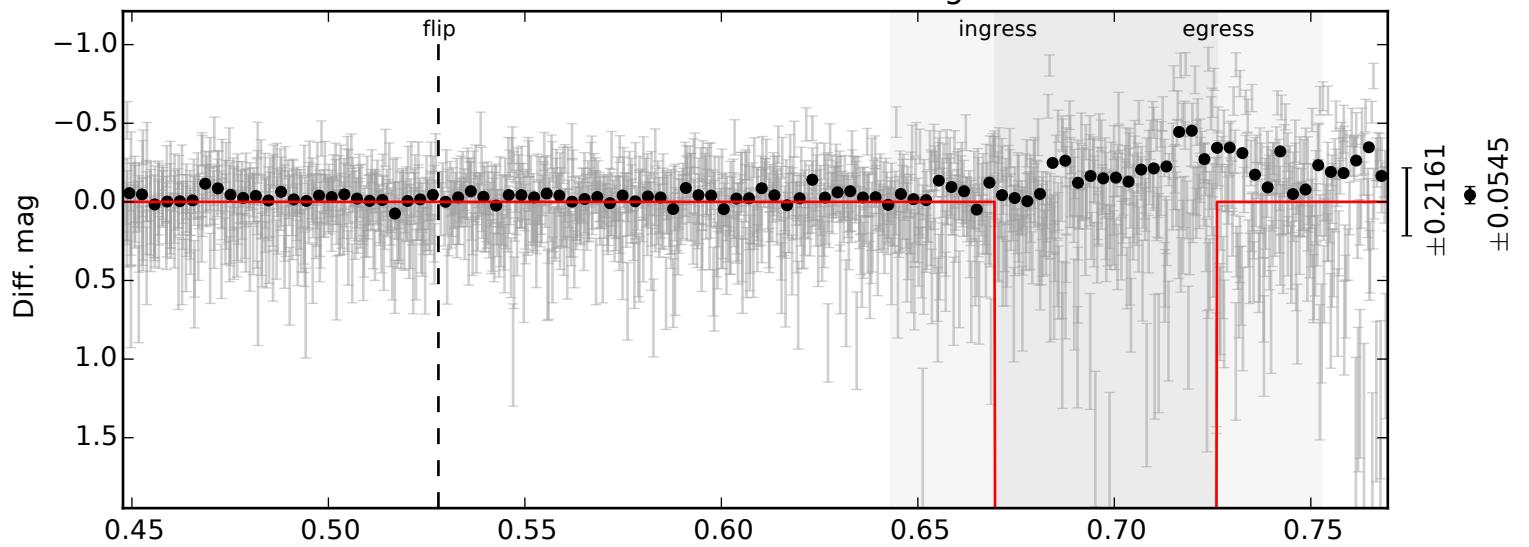
T30 at  $r = 84.9''$   $\theta = 295.8^\circ$   $\Delta\text{mag} = 3.528$



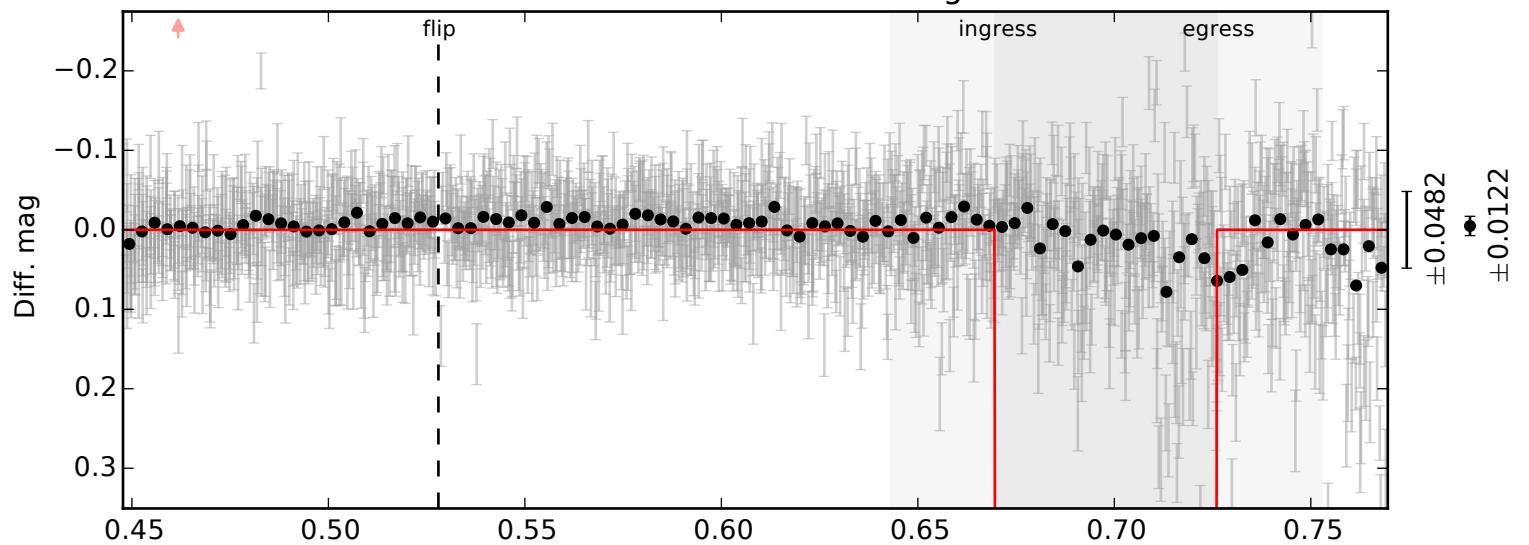
T31 at  $r = 87.8''$   $\theta = 142.3^\circ$   $\Delta\text{mag} = 2.130$



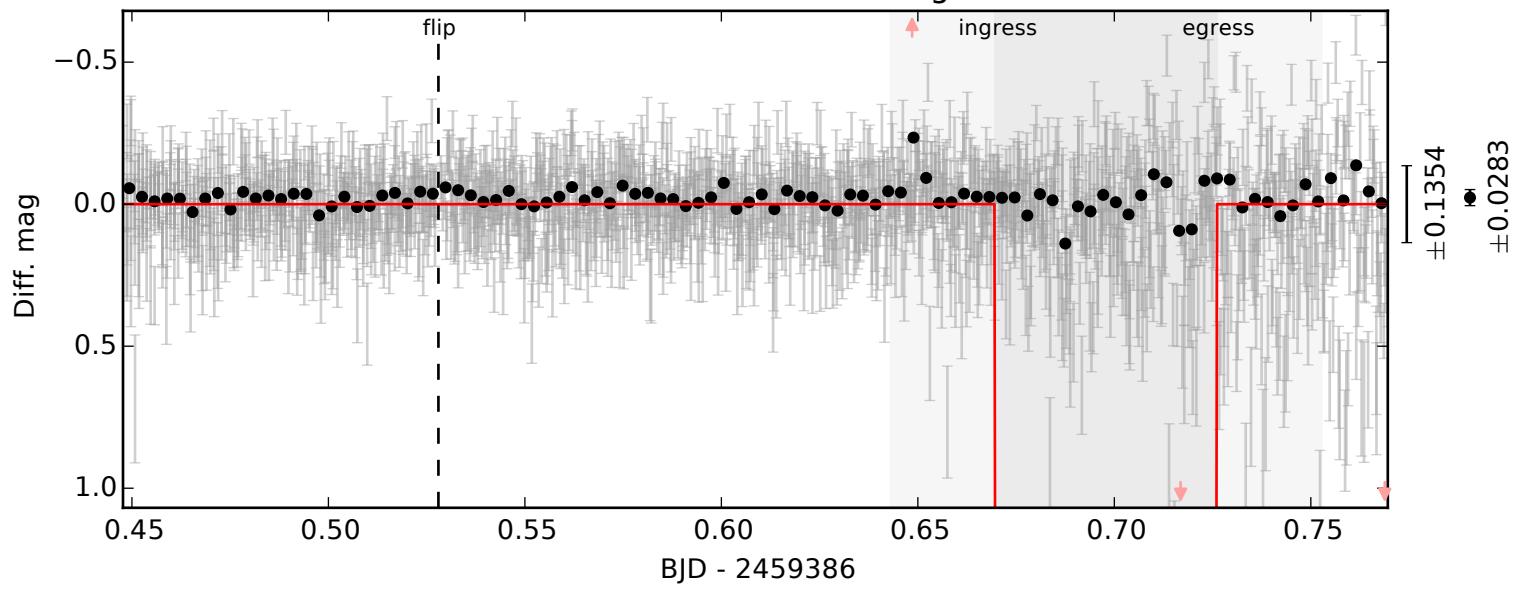
T32 at  $r = 89.3''$   $\theta = 218.2^\circ$   $\Delta\text{mag} = 3.750$



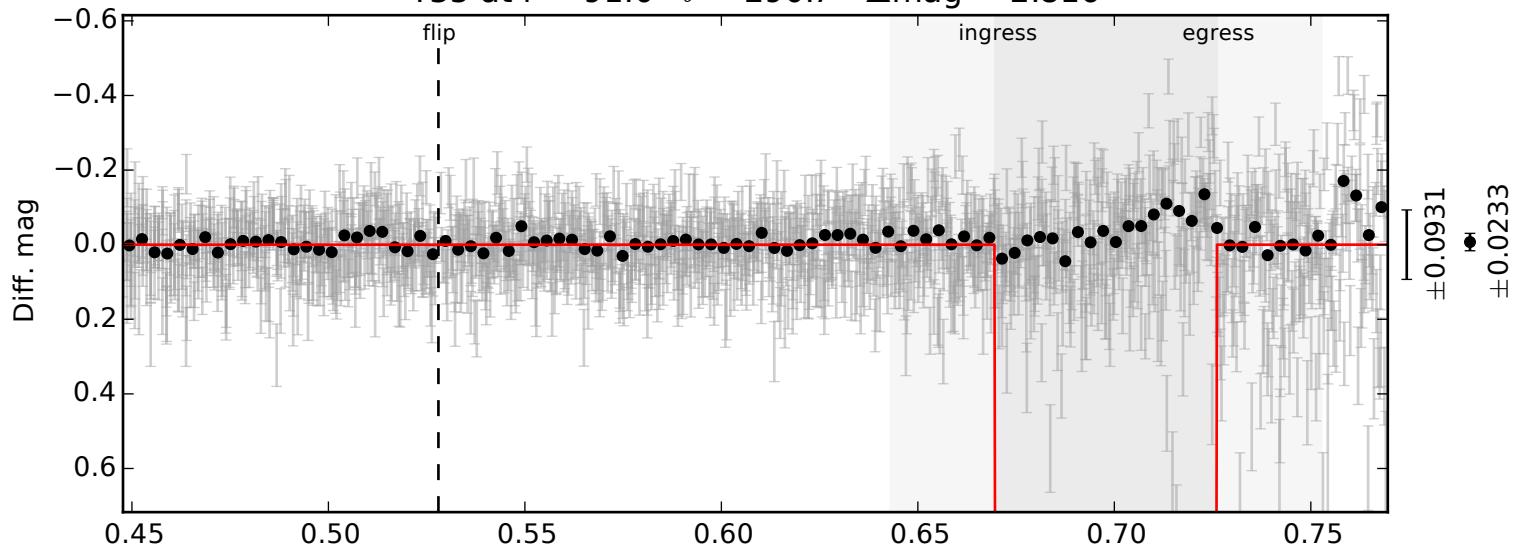
T33 at  $r = 89.4''$   $\theta = 311.4^\circ$   $\Delta\text{mag} = 2.137$



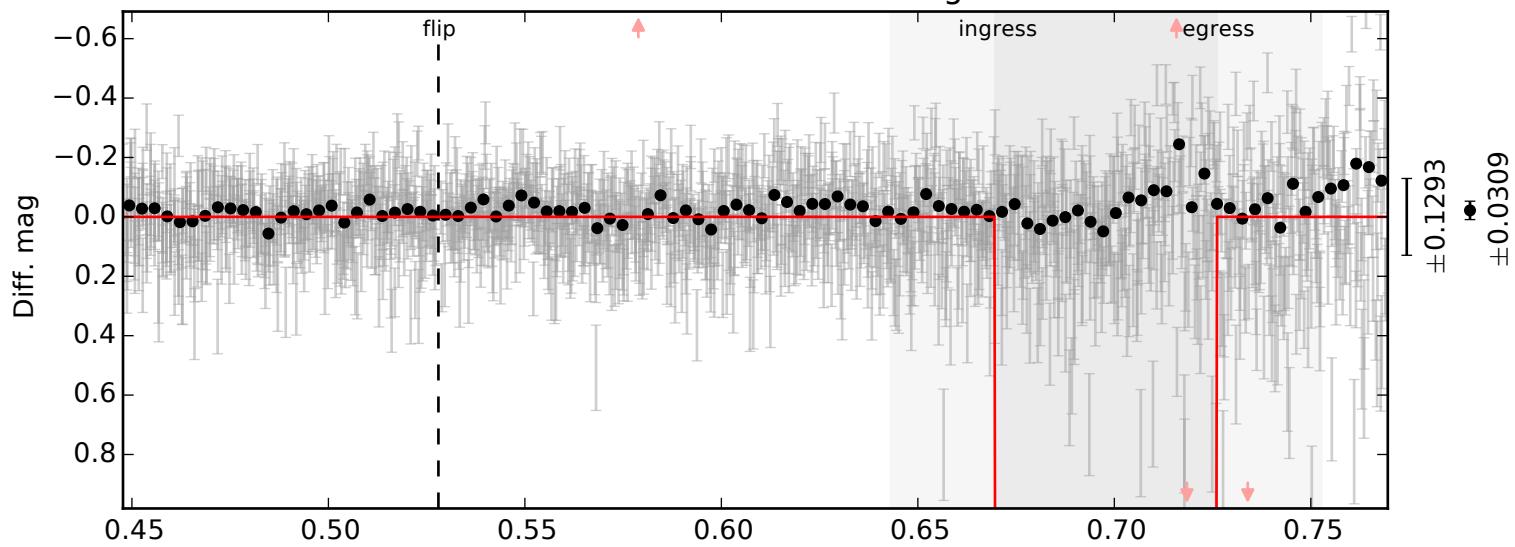
T34 at  $r = 90.7''$   $\theta = 30.7^\circ$   $\Delta\text{mag} = 3.322$



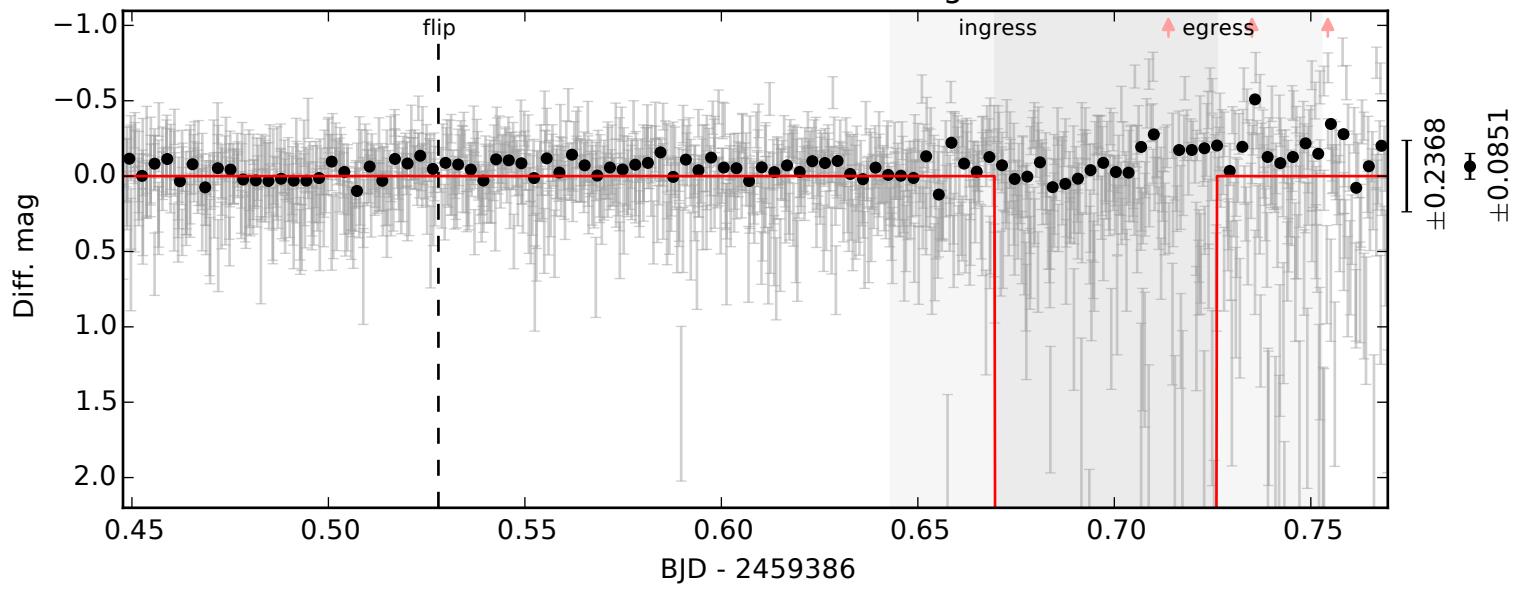
T35 at  $r = 91.0''$   $\theta = 290.7^\circ$   $\Delta\text{mag} = 2.816$



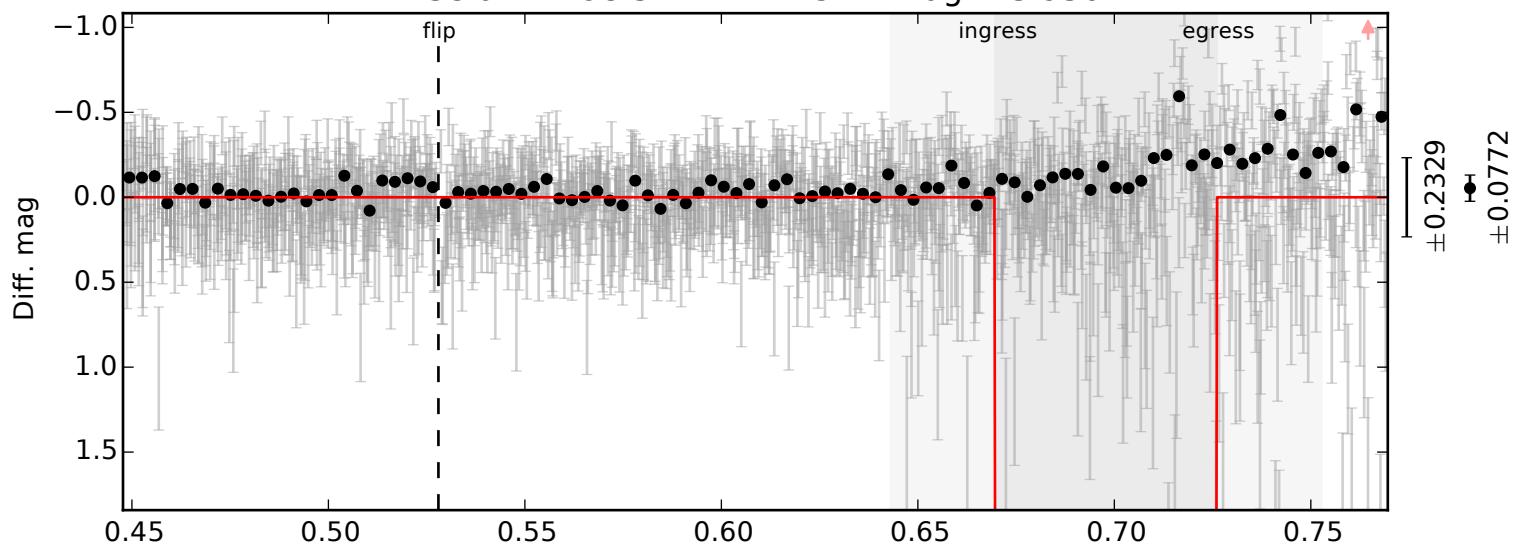
T36 at  $r = 94.9''$   $\theta = 162.7^\circ$   $\Delta\text{mag} = 3.265$



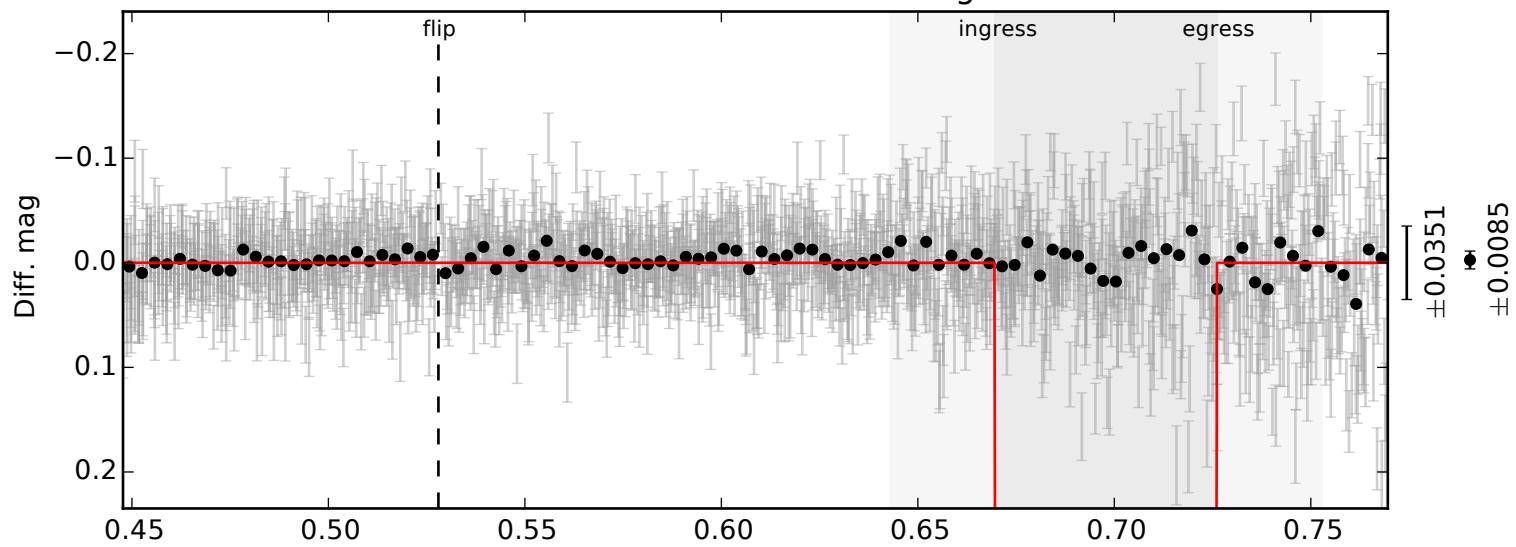
T37 at  $r = 97.0''$   $\theta = 196.6^\circ$   $\Delta\text{mag} = 4.032$



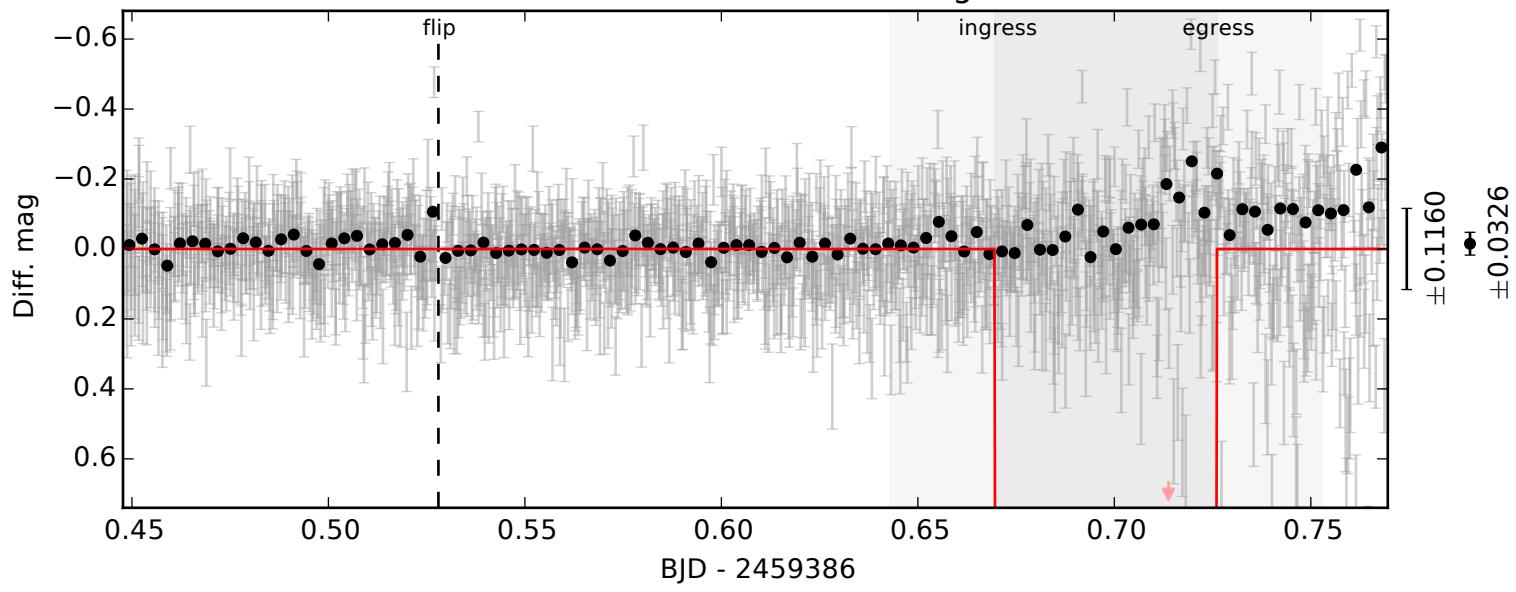
T38 at  $r = 98.3''$   $\theta = 247.5^\circ$   $\Delta\text{mag} = 3.936$



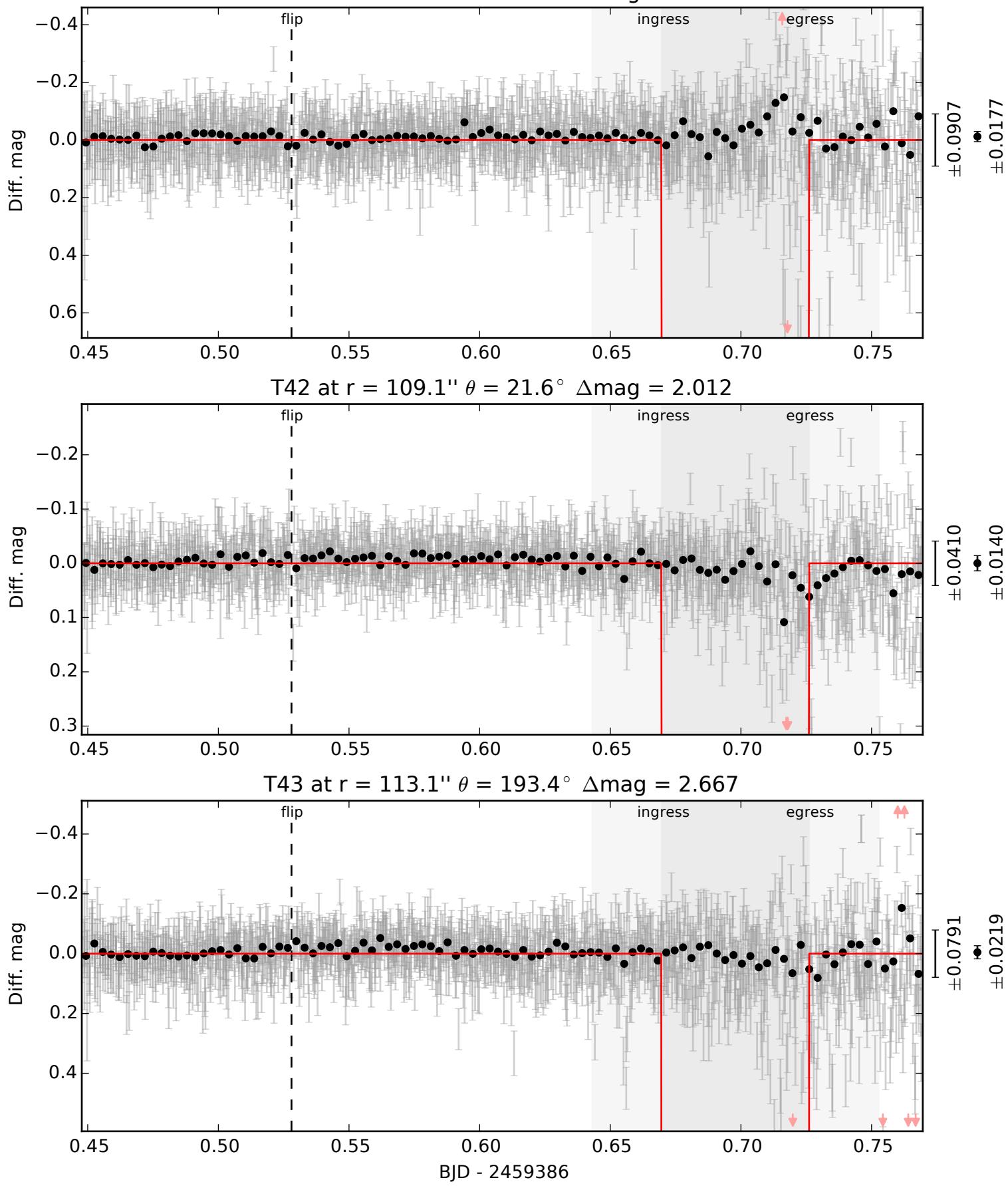
T39 at  $r = 103.9''$   $\theta = 316.9^\circ$   $\Delta\text{mag} = 1.775$



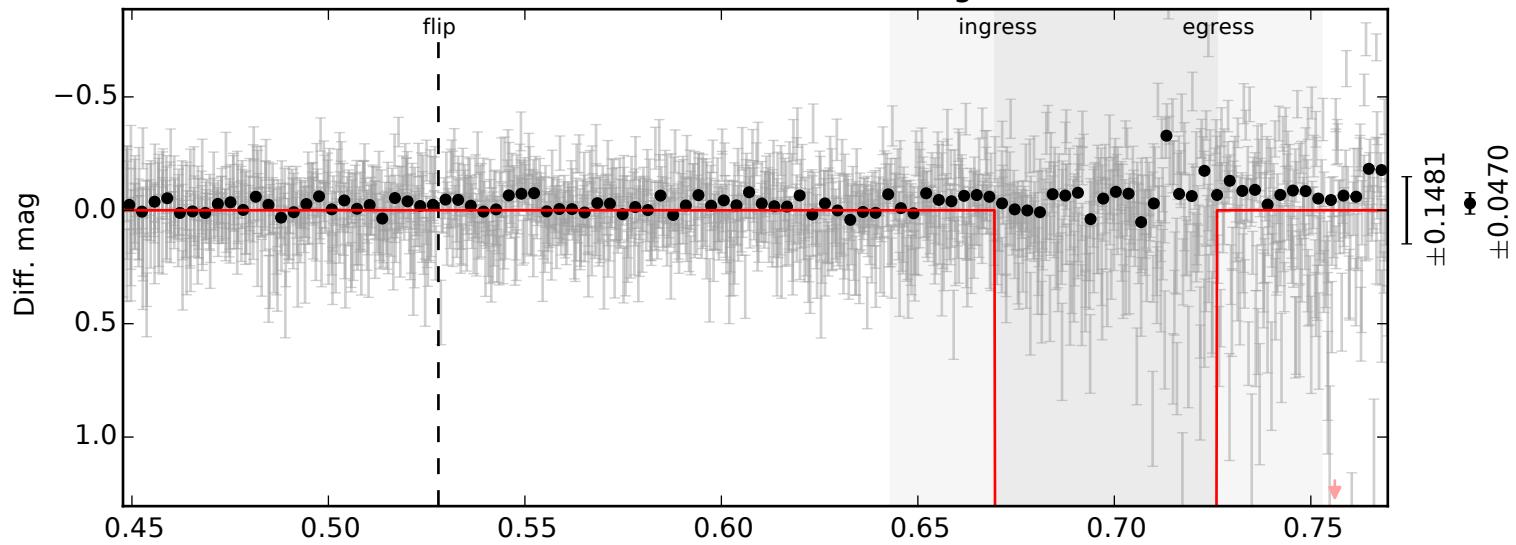
T40 at  $r = 106.5''$   $\theta = 120.3^\circ$   $\Delta\text{mag} = 3.167$



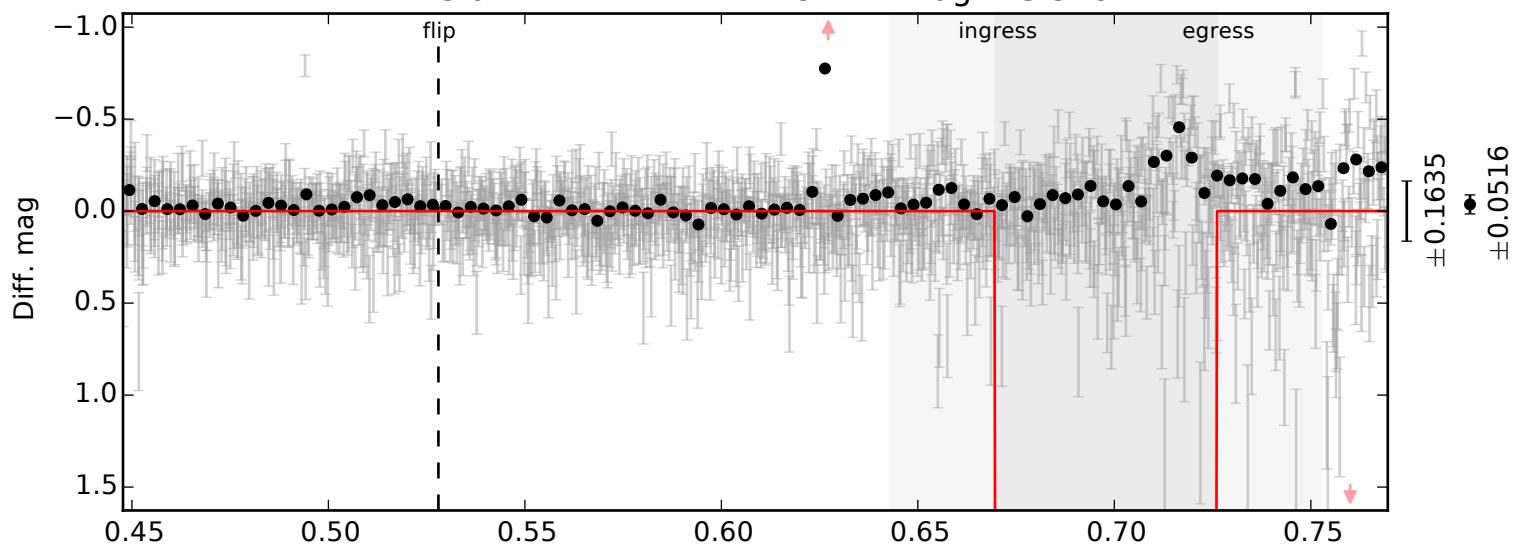
T41 at  $r = 107.6''$   $\theta = 65.8^\circ$   $\Delta\text{mag} = 2.849$



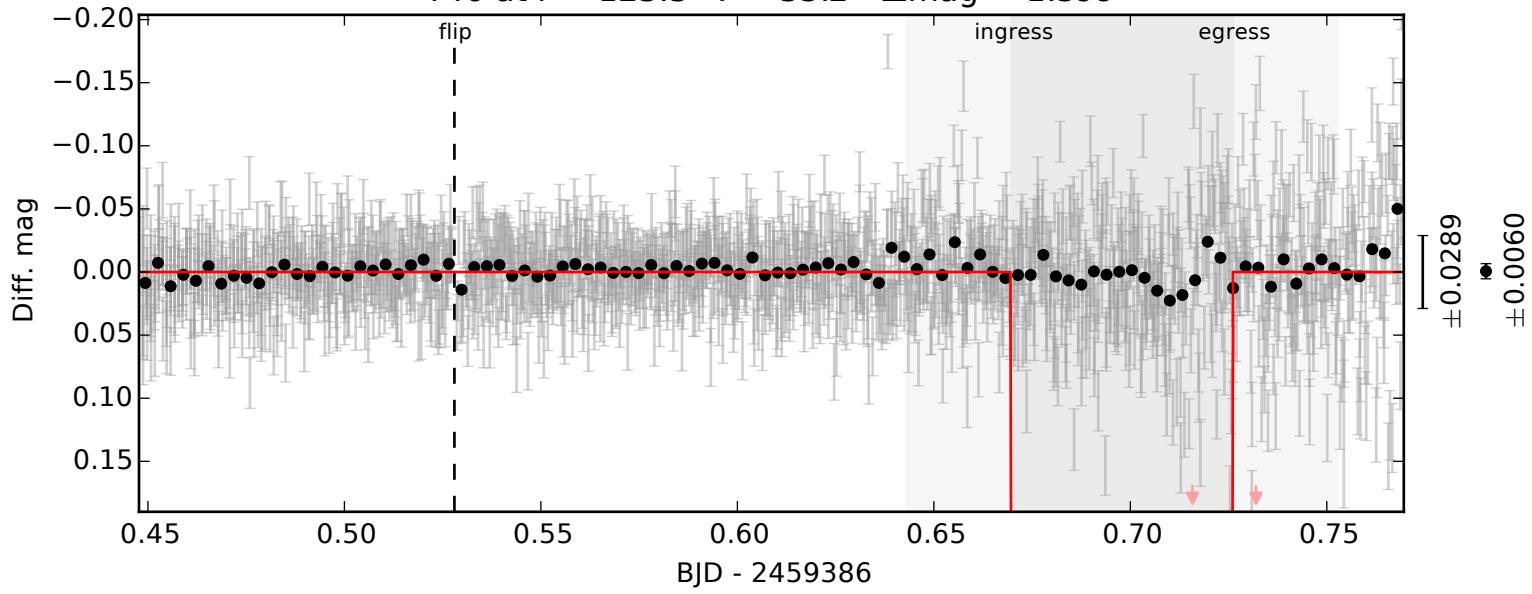
T44 at  $r = 117.8''$   $\theta = 180.4^\circ$   $\Delta\text{mag} = 3.424$



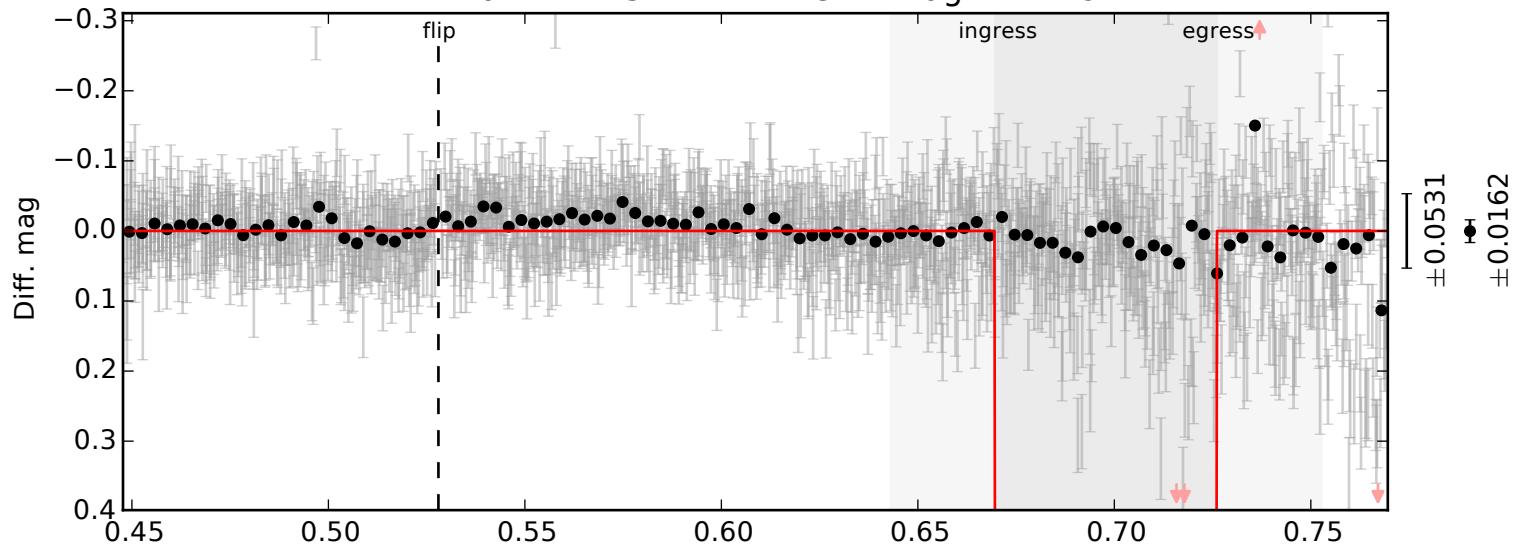
T45 at  $r = 122.2''$   $\theta = 248.2^\circ$   $\Delta\text{mag} = 3.546$



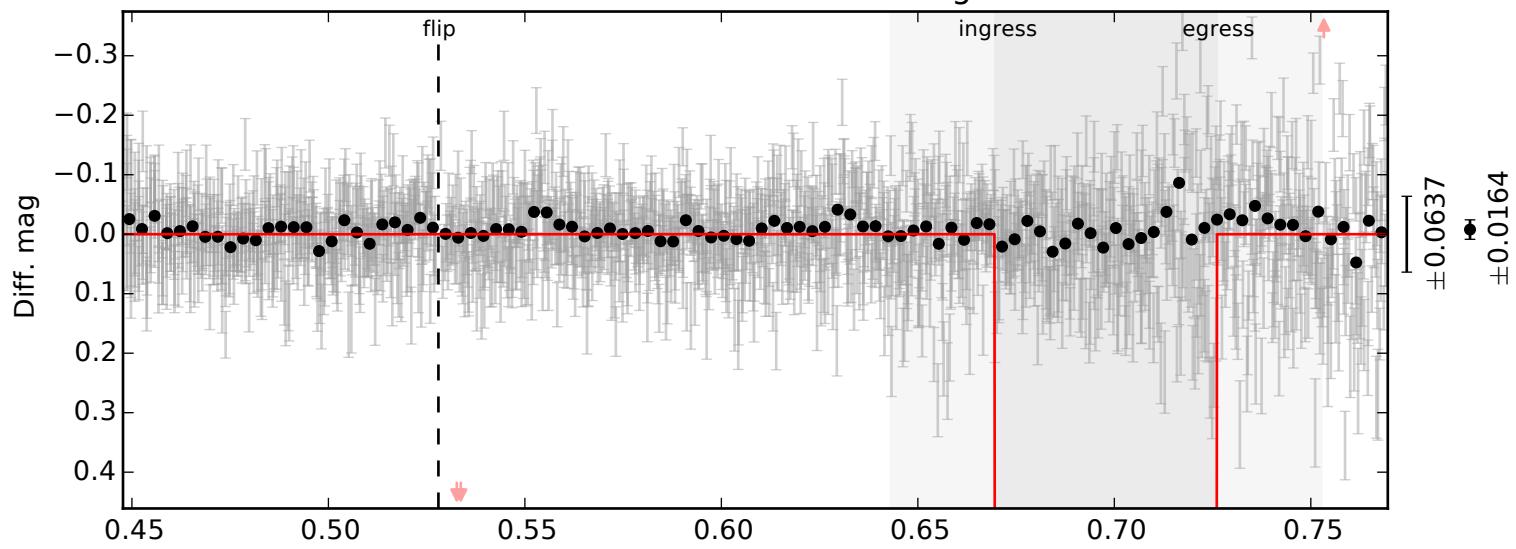
T46 at  $r = 123.3''$   $\theta = 35.2^\circ$   $\Delta\text{mag} = 1.599$



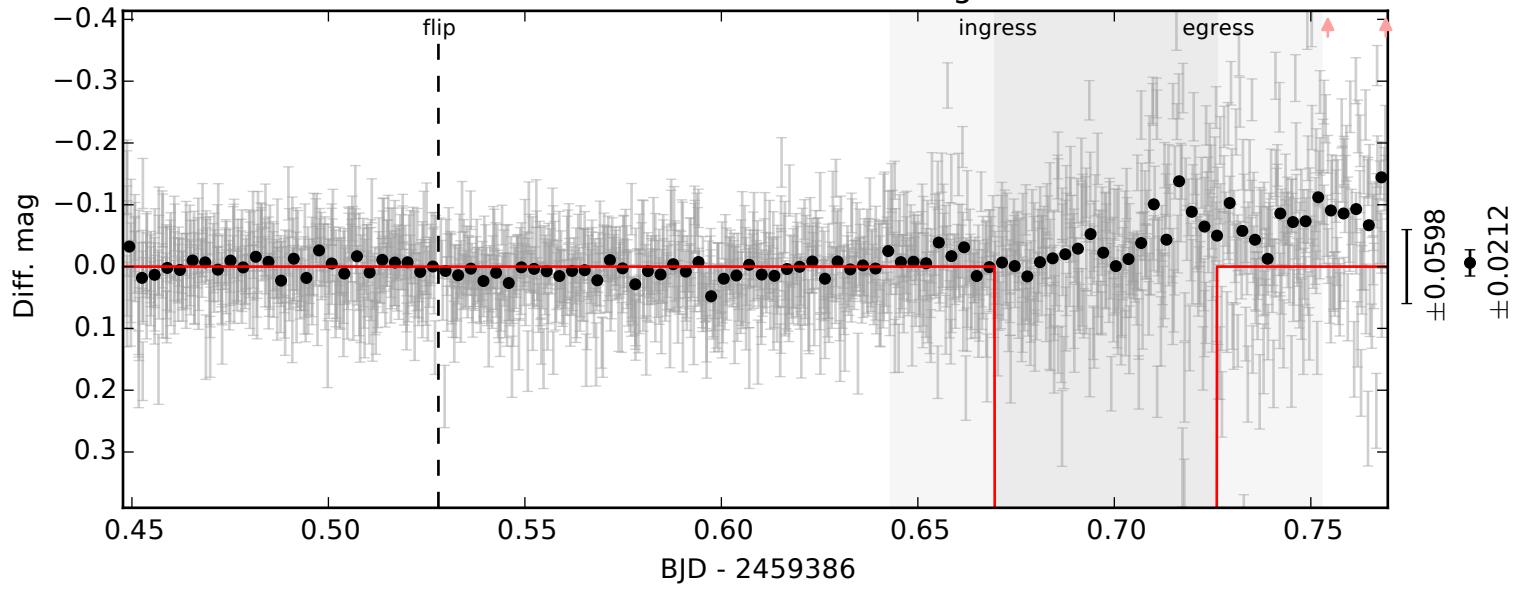
T47 at  $r = 125.2''$   $\theta = 22.8^\circ$   $\Delta\text{mag} = 2.219$



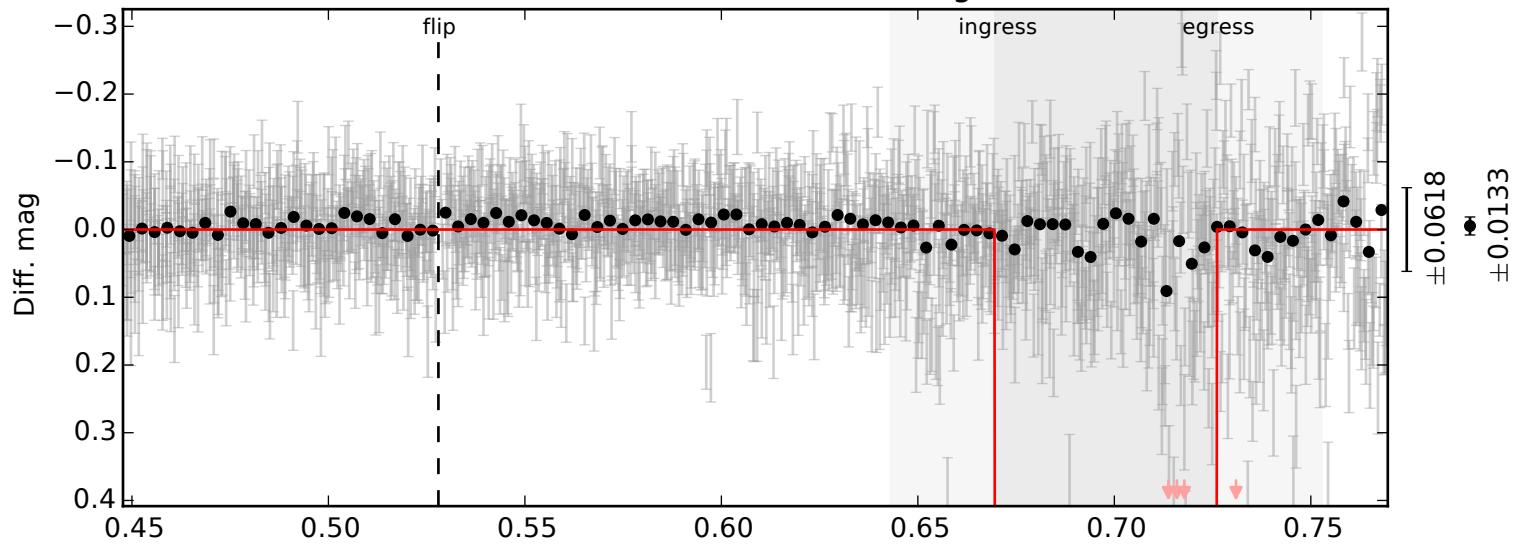
T48 at  $r = 126.7''$   $\theta = 228.3^\circ$   $\Delta\text{mag} = 2.526$



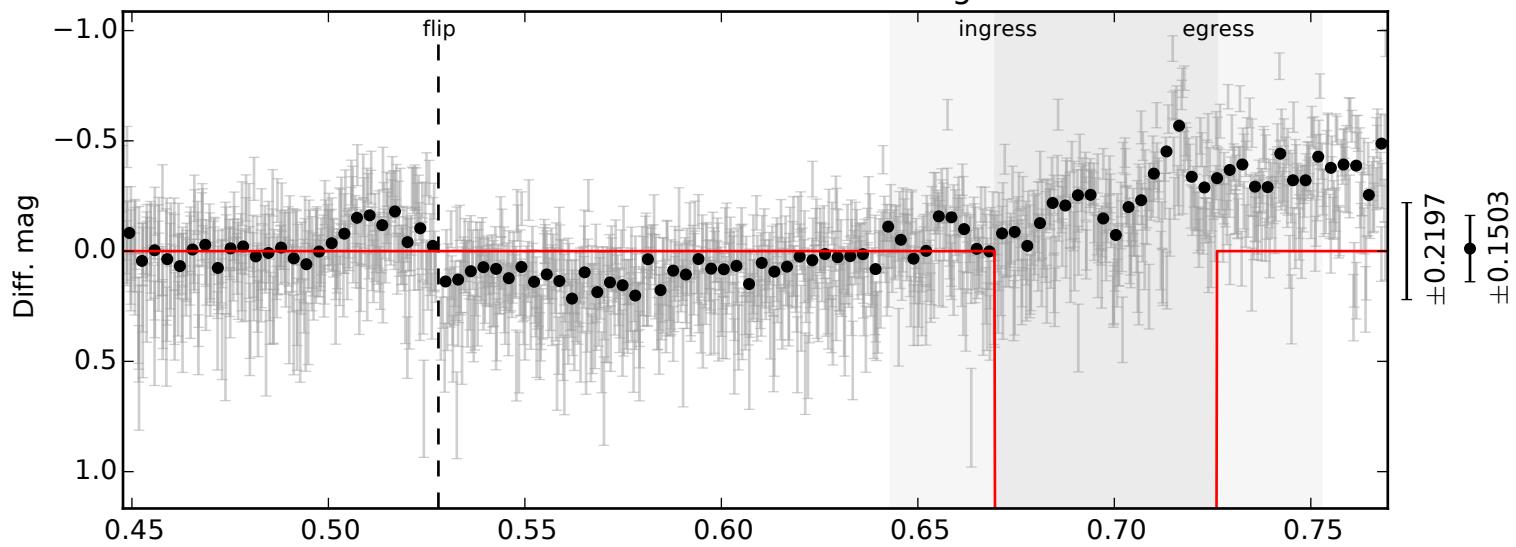
T49 at  $r = 128.6''$   $\theta = 352.4^\circ$   $\Delta\text{mag} = 2.467$



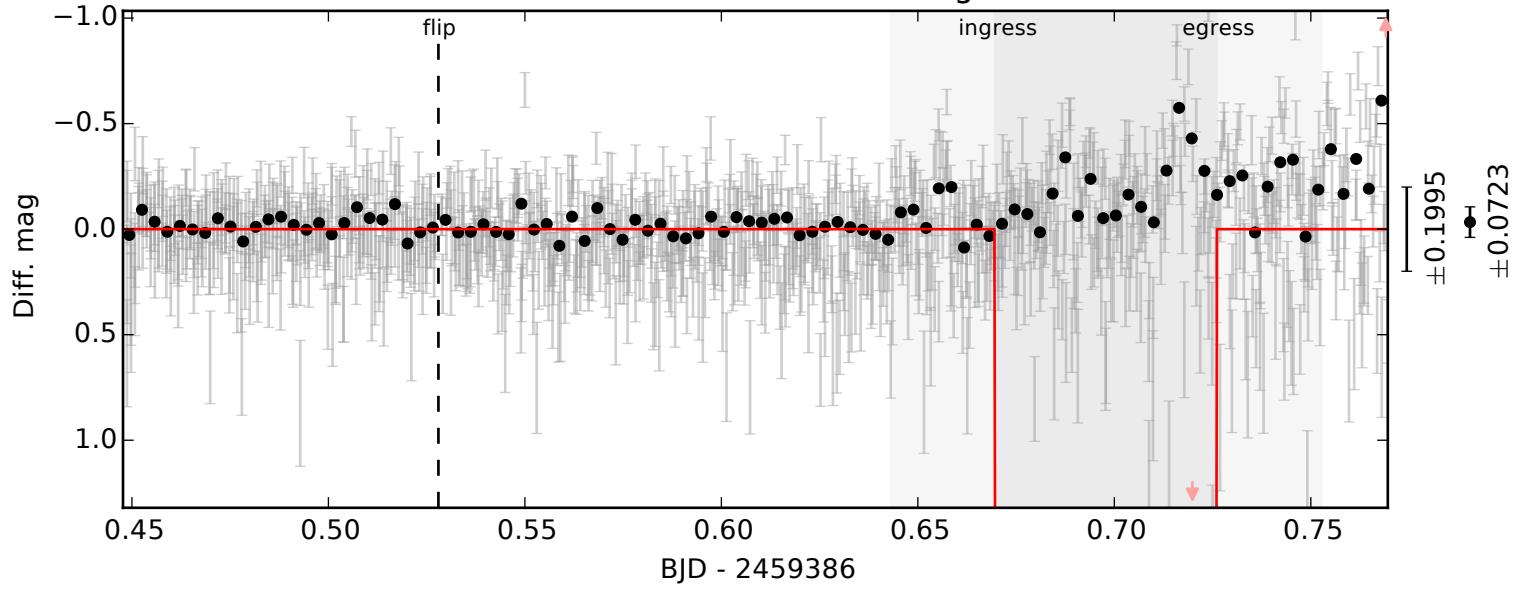
T50 at  $r = 129.7''$   $\theta = 200.5^\circ$   $\Delta\text{mag} = 2.429$



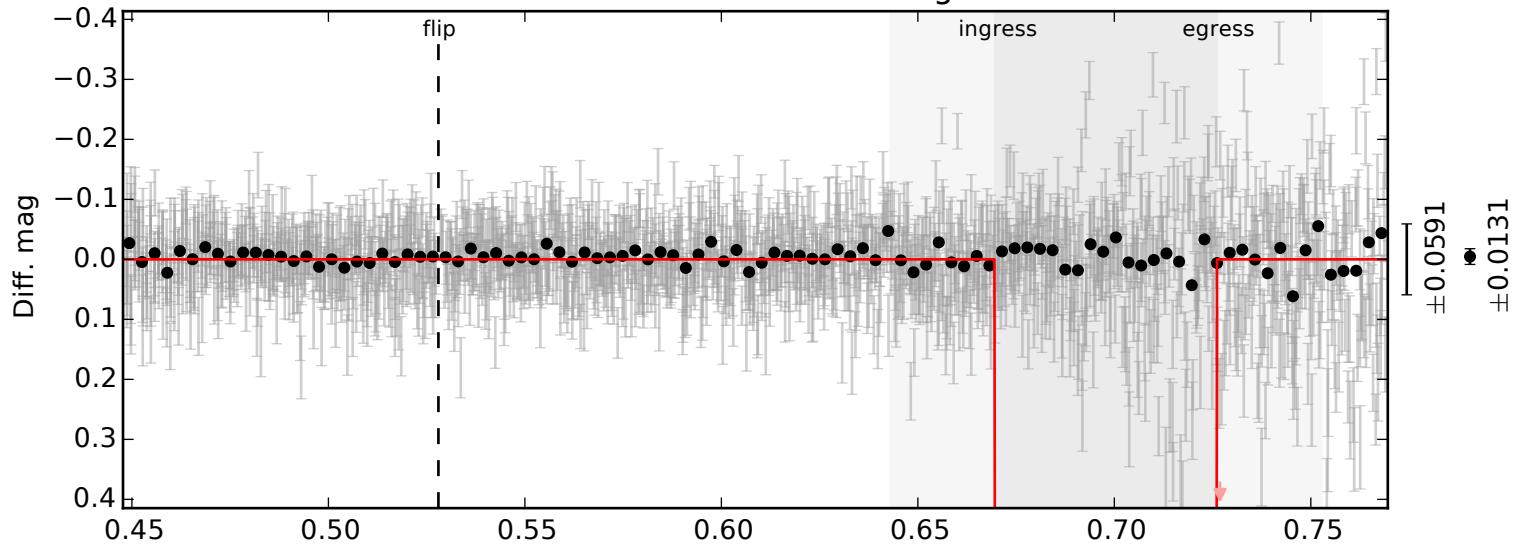
T51 at  $r = 132.2''$   $\theta = 351.2^\circ$   $\Delta\text{mag} = 3.272$



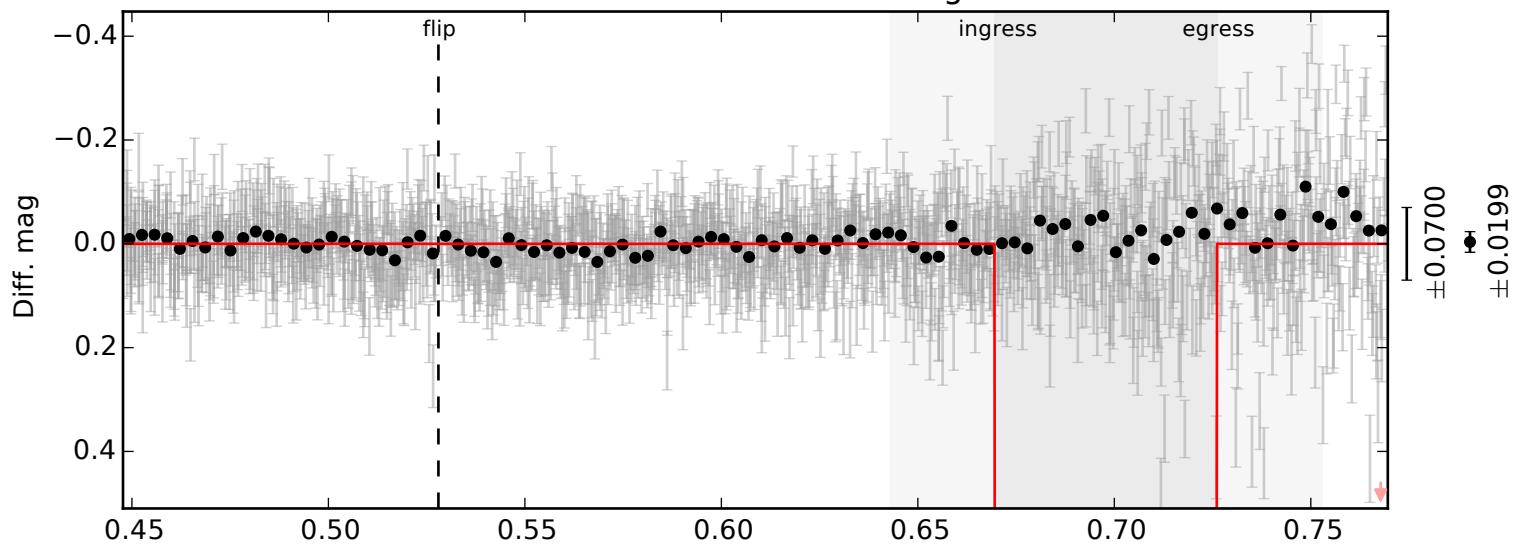
T52 at  $r = 136.3''$   $\theta = 137.0^\circ$   $\Delta\text{mag} = 3.796$



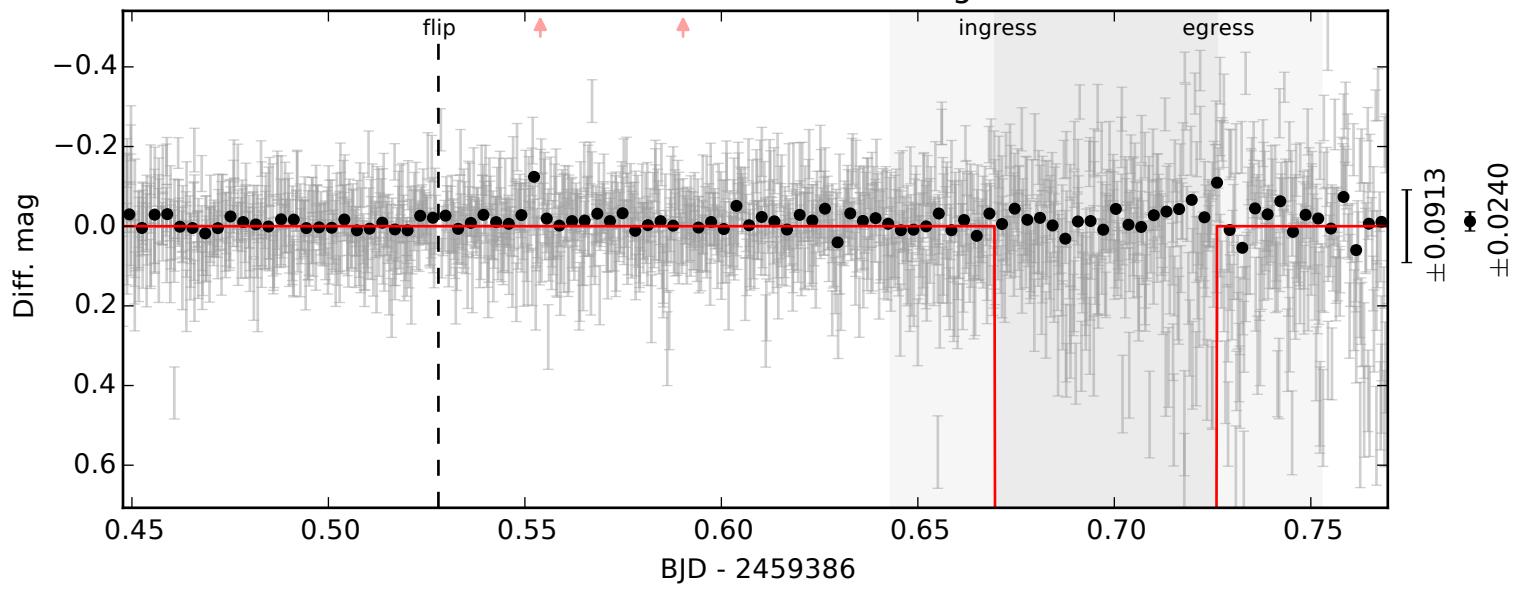
T53 at  $r = 136.5''$   $\theta = 6.6^\circ$   $\Delta\text{mag} = 2.386$



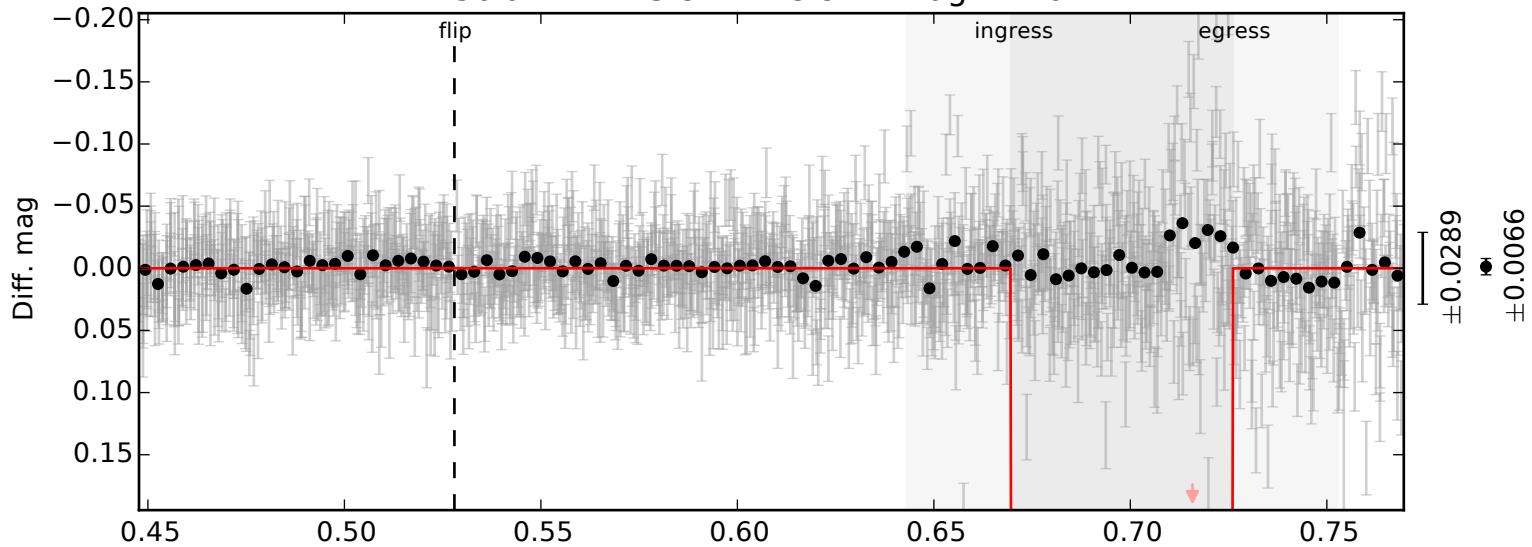
T54 at  $r = 141.7''$   $\theta = 66.4^\circ$   $\Delta\text{mag} = 2.570$



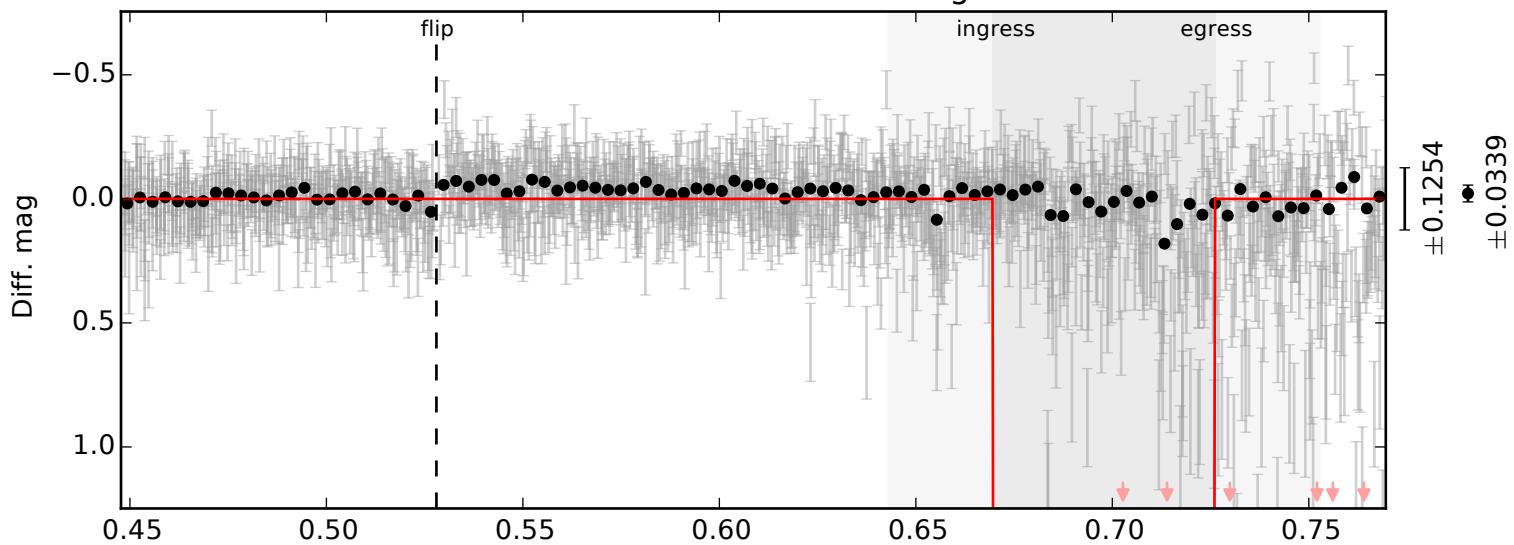
T55 at  $r = 141.6''$   $\theta = 179.2^\circ$   $\Delta\text{mag} = 2.424$



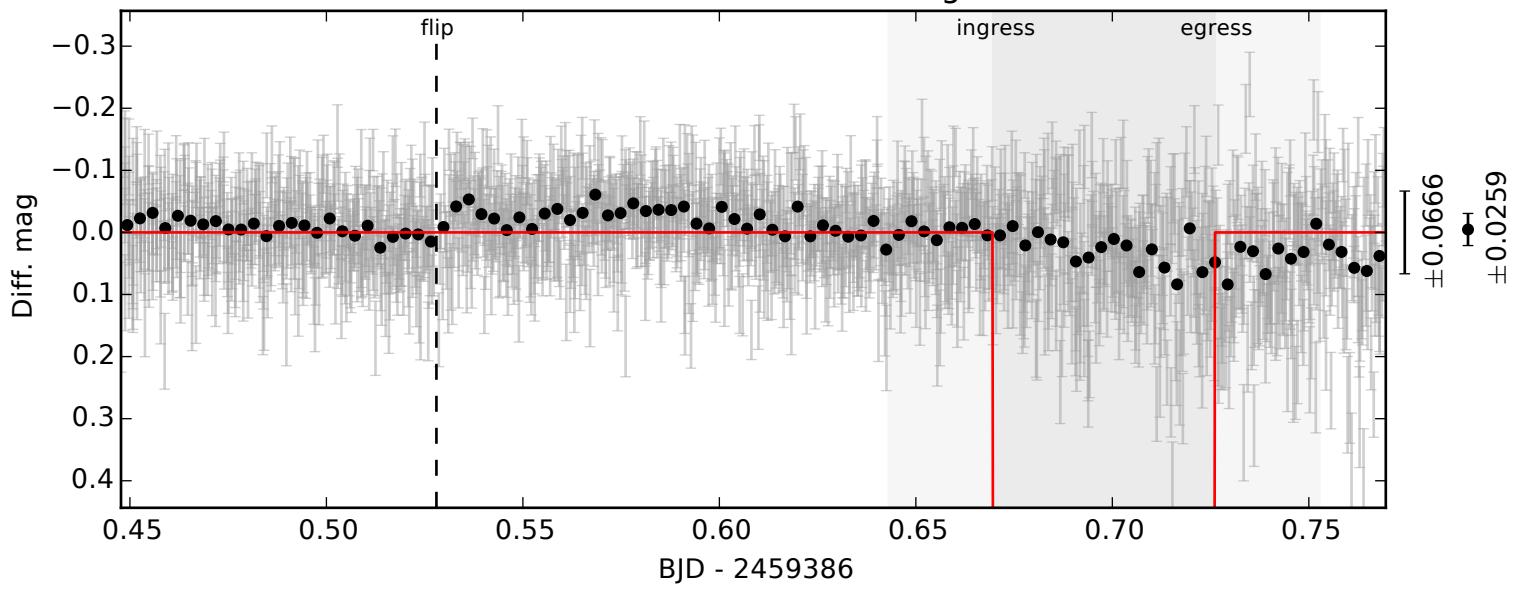
T56 at  $r = 143.8''$   $\theta = 8.8^\circ$   $\Delta\text{mag} = 1.612$



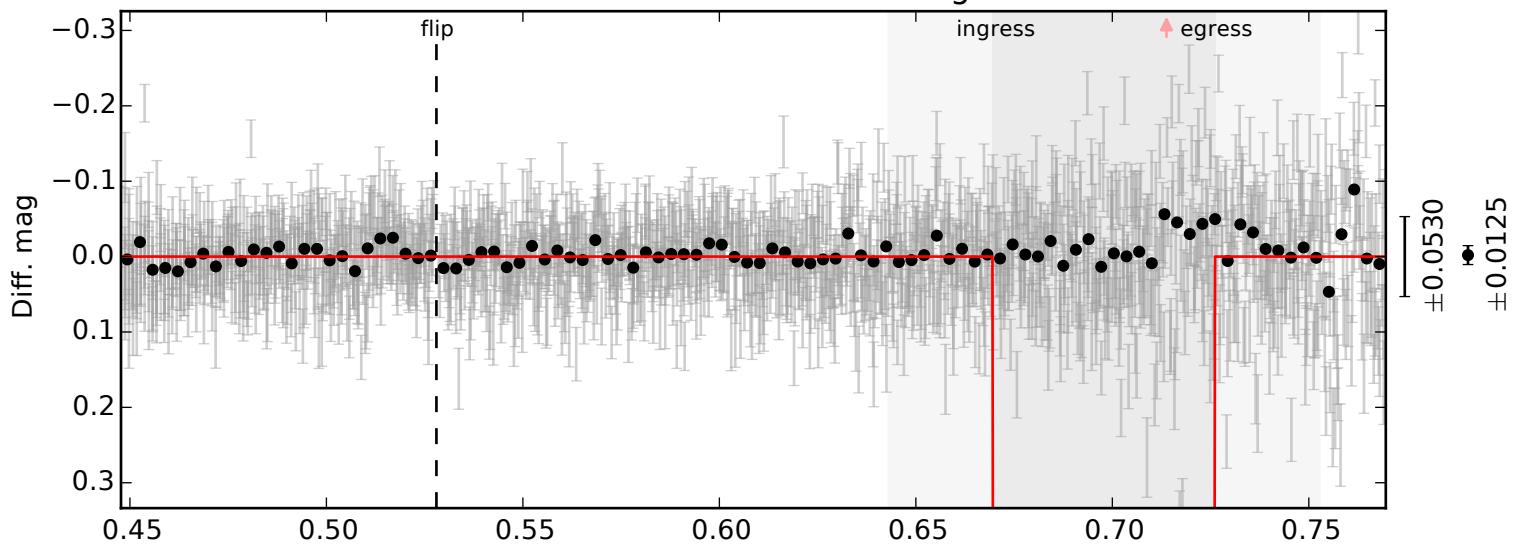
T57 at  $r = 143.8''$   $\theta = 346.2^\circ$   $\Delta\text{mag} = 3.256$



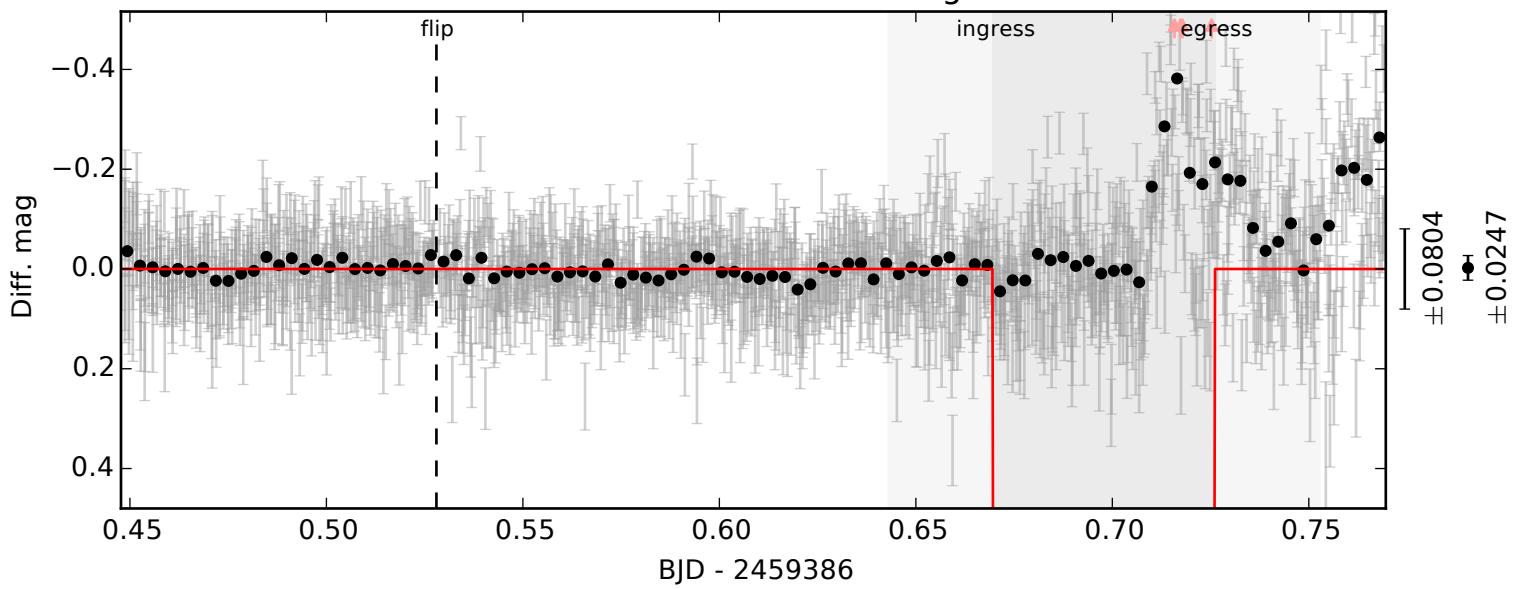
T58 at  $r = 146.5''$   $\theta = 34.0^\circ$   $\Delta\text{mag} = 2.317$



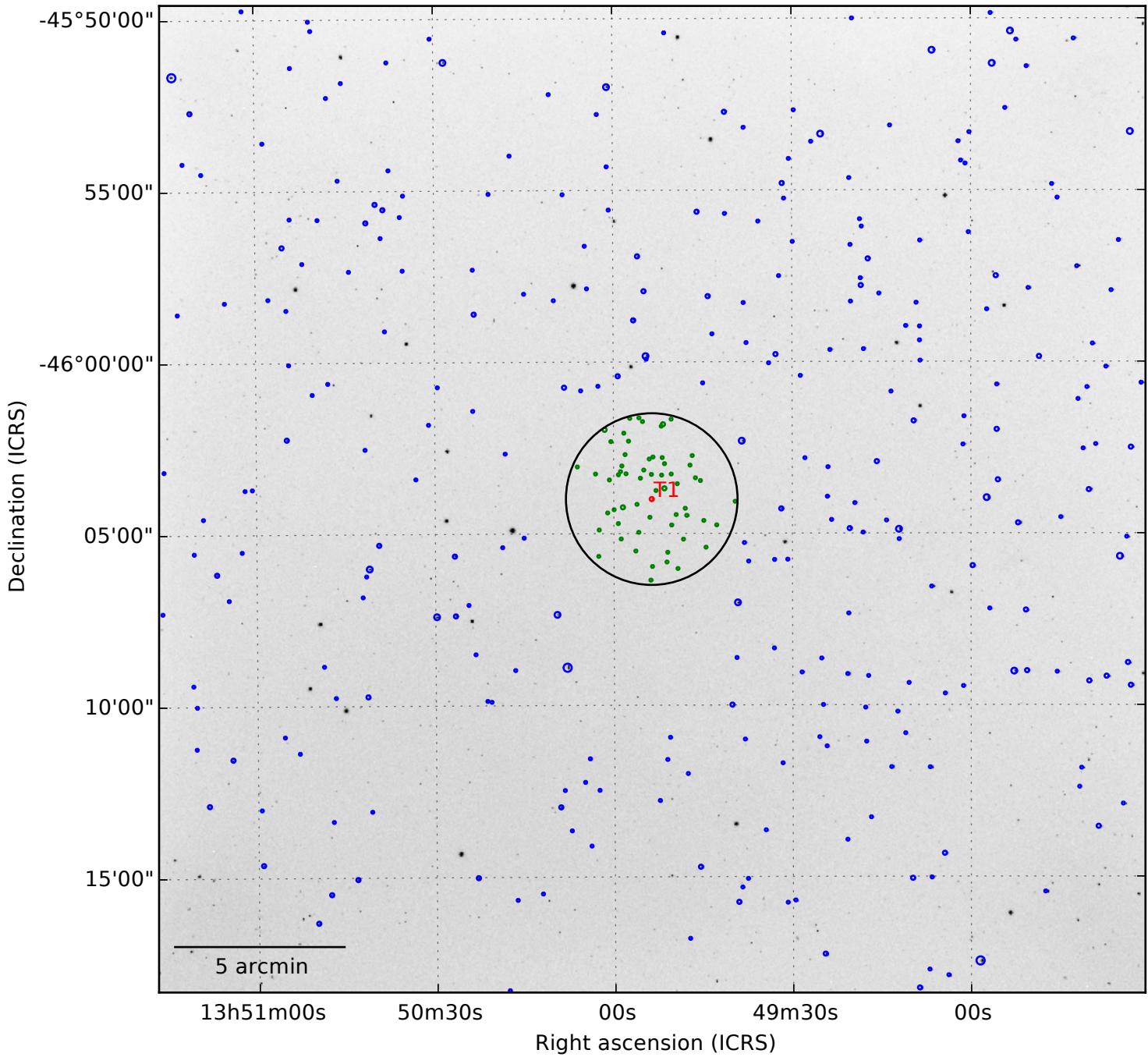
T59 at  $r = 146.0''$   $\theta = 268.3^\circ$   $\Delta\text{mag} = 2.195$



T60 at  $r = 146.2''$   $\theta = 15.0^\circ$   $\Delta\text{mag} = 2.724$

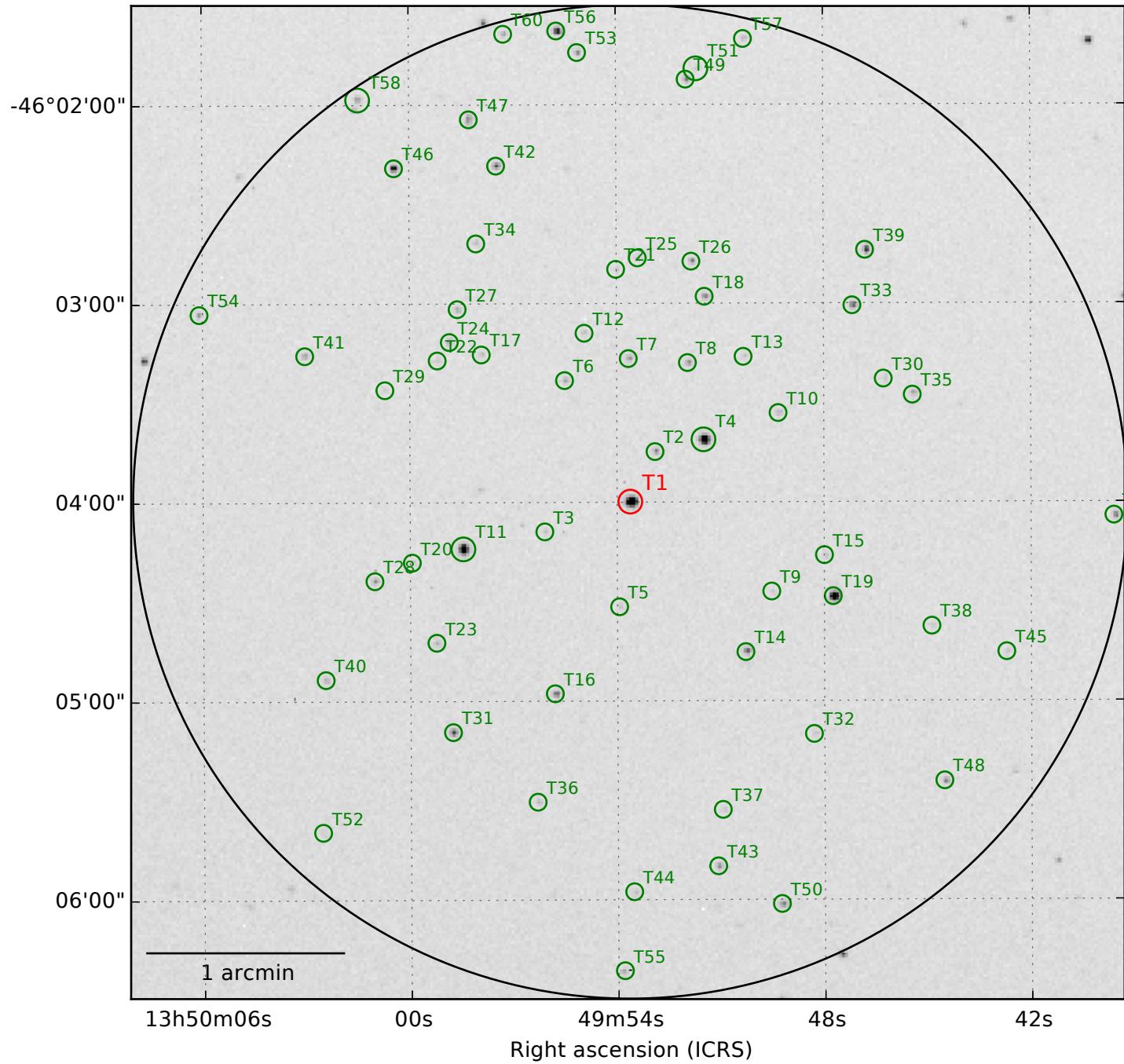


T243641947: full field



Declination (ICRS)

## T243641947: 5'x5' field



Measured properties of T243641947:

ID	GAIA	RA	DEC	mag	rms	excess
T1	6107144260251920000	13:49:53.62	-46:03:59.8	12.979	0.0130	1.84

Detected sources within 2.5 arcmin (ordered by magnitude):

ID	GAIA	RA	DEC	mag	rms	excess
T2	6107144255955281280	13:49:52.90	-46:03:44.8	15.531	0.0803	1.61
T3	6107144290315014784	13:49:56.10	-46:04:08.9	16.755	0.2740	1.52
T4	6107156011282443776	13:49:51.49	-46:03:41.1	13.692	0.0169	1.41
T5	6107144191532440576	13:49:53.94	-46:04:31.6	16.500	0.1867	1.93
T6	6107144363331138944	13:49:55.51	-46:03:23.2	15.948	0.1366	1.82
T7	6107156011282447104	13:49:53.66	-46:03:16.7	15.793	0.0940	1.80
T8	6107156011282446976	13:49:51.95	-46:03:17.9	15.689	0.1021	1.67
T9	6107144221595536256	13:49:49.53	-46:04:27.0	16.838	0.2675	1.95
T10	6107156011282444672	13:49:49.32	-46:03:33.1	16.102	0.1362	1.70
T11	6107144294611657216	13:49:58.46	-46:04:14.1	13.493	0.0129	1.26
T12	6107144359034503168	13:49:54.94	-46:03:09.0	16.314	0.1742	1.60
T13	6107156006985808896	13:49:50.33	-46:03:16.1	16.835	0.2812	1.92
T14	6107144225892177280	13:49:50.28	-46:04:45.2	14.934	0.0539	1.69
T15	6107155972626059392	13:49:47.99	-46:04:16.1	16.411	0.1847	1.84
T16	6107144191532437504	13:49:55.81	-46:04:57.8	15.260	0.0624	1.84
T17	6107144363331139840	13:49:57.92	-46:03:15.4	16.288	0.1596	1.82
T18	6107156011282449152	13:49:51.45	-46:02:57.9	15.298	0.0729	1.91
T19	6107144225892179840	13:49:47.74	-46:04:28.4	13.543	0.0143	1.66
T20	6107144294611656704	13:49:59.95	-46:04:18.1	16.861	0.2631	2.22
T21	6107156114361665024	13:49:54.02	-46:02:49.7	16.607	0.2119	2.38
T22	6107144359034502528	13:49:59.20	-46:03:17.2	16.777	0.2481	1.92
T23	6107144084156579840	13:49:59.24	-46:04:42.4	16.258	0.1761	1.87
T24	6107144359034502400	13:49:58.85	-46:03:11.6	15.889	0.1183	1.88
T25	6107156114361665792	13:49:53.39	-46:02:46.3	15.749	0.0962	1.89
T26	6107156011282450816	13:49:51.83	-46:02:47.3	15.446	0.0722	1.64
T27	6107144359034506880	13:49:58.61	-46:03:01.7	15.860	0.1060	1.72
T28	6107144088453225984	13:50:01.03	-46:04:23.7	15.746	0.1165	1.64
T29	6107144324674760064	13:50:00.72	-46:03:26.1	16.861	0.2631	2.15
T30	6107156041345546240	13:49:46.27	-46:03:22.8	16.507	0.1806	1.78
T31	6107144088453220352	13:49:58.77	-46:05:09.4	15.109	0.0534	1.86
T32	6107144221594947968	13:49:48.30	-46:05:10.0	16.729	0.2350	1.89
T33	6107156045642187648	13:49:47.17	-46:03:00.7	15.116	0.0569	1.68
T34	6107144359034509952	13:49:58.07	-46:02:41.9	16.301	0.1630	1.93
T35	6107156041345545472	13:49:45.43	-46:03:27.7	15.795	0.1127	1.74
T36	6107143985374004352	13:49:56.33	-46:05:30.5	16.244	0.1445	1.79
T37	6107144152875462400	13:49:50.96	-46:05:32.8	17.011	0.2873	1.80
T38	6107154499453951360	13:49:44.89	-46:04:37.5	16.915	0.2792	2.26
T39	6107156045642189568	13:49:46.80	-46:02:43.9	14.754	0.0437	1.79
T40	6107144084156578560	13:50:02.46	-46:04:53.5	16.146	0.1249	1.84
T41	6107144328971401088	13:50:03.04	-46:03:15.7	15.828	0.1110	1.65
T42	6107156148721406080	13:49:57.48	-46:02:18.4	14.991	0.0472	1.67
T43	6107144157172694144	13:49:51.10	-46:05:49.9	15.646	0.0922	1.80
T44	6107143946717021056	13:49:53.54	-46:05:57.6	16.403	0.1980	1.89
T45	6107154495156729344	13:49:42.72	-46:04:45.3	16.525	0.2286	2.22
T46	6107144397690883840	13:50:00.44	-46:02:19.1	14.578	0.0313	1.74

T47	6107156148721407104	13:49:58.27	-46:02:04.4	15.198	0.0620	1.72
T48	6107142748423423616	13:49:44.53	-46:05:24.2	15.505	0.0859	1.75
T49	6107156178784523648	13:49:51.98	-46:01:52.4	15.445	0.0699	1.87
T50	6107144157172693376	13:49:49.25	-46:06:01.3	15.408	0.0716	1.56
T51	6107156178784818176	13:49:51.68	-46:01:49.1	16.251	0.2499	2.79
T52	6107144019729159552	13:50:02.55	-46:05:39.6	16.775	0.2528	2.36
T53	6107156183081148288	13:49:55.12	-46:01:44.2	15.365	0.0666	1.74
T54	6107144706928524544	13:50:06.10	-46:03:03.2	15.549	0.0840	1.90
T55	6107143946717007104	13:49:53.82	-46:06:21.4	15.402	0.1009	1.78
T56	6107156217440887168	13:49:55.72	-46:01:37.7	14.590	0.0321	1.67
T57	6107156389239579520	13:49:50.31	-46:01:40.2	16.235	0.1911	1.82
T58	6107144393394258688	13:50:01.49	-46:01:58.4	15.296	0.0755	1.25
T59	6107154568173431168	13:49:39.60	-46:04:04.1	15.174	0.0547	1.56
T60	6107156148721410304	13:49:57.26	-46:01:38.6	15.703	0.0946	2.25

Non-detected GAIA sources within 2.5 arcmin:

r	GAIA	RA	DEC	Gmag	estmag	maxppt
6	6107144255955277056	13:49:53.58	-46:04:05.3	19.509	18.158	8.48
11	6107144260248614016	13:49:54.62	-46:03:57.7	20.584	20.288	1.19
16	6107144255955280512	13:49:54.55	-46:03:46.7	20.341	19.752	1.95
20	6107144260250736000	13:49:51.73	-46:03:55.5	21.038	20.244	1.24
22	6107144187235798272	13:49:54.99	-46:04:17.1	19.191	18.507	6.15
24	6107144363331136384	13:49:55.59	-46:03:47.9	18.751	17.928	10.48
24	6107144255955275648	13:49:51.92	-46:04:16.1	20.279	19.272	3.04
26	6107144290315015936	13:49:56.11	-46:04:00.7	20.035	19.293	2.98
29	6107144260251920384	13:49:50.79	-46:03:59.0	18.888	18.046	9.40
30	6107144191529753088	13:49:54.50	-46:04:28.3	20.589	19.561	2.33
30	6107144255955277312	13:49:50.75	-46:04:04.2	20.677	19.524	2.41
31	6107144260248609664	13:49:50.65	-46:04:03.5	20.835	19.838	1.81
32	6107144260249228032	13:49:51.65	-46:04:24.7	20.707	19.677	2.09
34	6107144290315015552	13:49:56.90	-46:04:01.8	19.226	18.627	5.51
36	6107144363326555520	13:49:55.32	-46:03:28.2	18.327	17.662	13.39
37	6107144225888869888	13:49:50.33	-46:04:14.8	21.057	20.220	1.27
38	6107144187235795456	13:49:53.41	-46:04:37.4	18.621	17.987	9.93
38	6107156006985804416	13:49:50.75	-46:03:36.3	19.723	18.583	5.73
39	6107144290315015296	13:49:57.34	-46:04:04.8	18.745	18.133	8.68
41	6107144359034497280	13:49:56.81	-46:03:35.4	19.503	18.811	4.65
41	6107156011277863168	13:49:53.77	-46:03:18.6	19.297	17.906	10.70
42	6107155976919393024	13:49:49.56	-46:03:56.3	20.458	19.799	1.87
44	6107156011279134592	13:49:50.31	-46:03:32.7	20.672	19.820	1.83
46	6107144290315016960	13:49:58.01	-46:03:56.4	17.537	16.689	32.80
48	6107144191529749760	13:49:52.53	-46:04:46.9	20.961	19.951	1.63
50	6107144187235794432	13:49:55.90	-46:04:44.3	20.006	18.864	4.43
54	6107144290315016704	13:49:58.76	-46:03:57.5	19.594	18.902	4.27
54	6107144363326556288	13:49:56.76	-46:03:17.3	20.432	19.072	3.65
55	6107144359034498688	13:49:57.82	-46:03:27.2	18.860	18.213	8.06
55	6107155976921109248	13:49:48.49	-46:04:11.9	21.037	20.424	1.05
59	6107144290315011584	13:49:58.50	-46:04:29.1	19.813	19.137	3.44
59	6107144221595865984	13:49:50.33	-46:04:48.3	18.882	17.455	16.21
60	6107144290315020672	13:49:58.74	-46:03:32.8	19.508	18.850	4.48
60	6107144294608974848	13:49:59.32	-46:03:49.5	20.855	19.655	2.13
61	6107144221594952704	13:49:50.94	-46:04:54.1	19.334	18.697	5.16
62	6107156110065026944	13:49:54.75	-46:02:59.4	19.540	18.702	5.14

62	6107155972626066304	13:49:48.16	-46:03:35.1	20.260	19.165	3.35
64	6107144294608356480	13:49:59.59	-46:04:12.9	20.981	19.760	1.94
66	6107144359034503680	13:49:57.42	-46:03:07.6	19.395	18.076	9.14
66	6107155976918120192	13:49:47.80	-46:04:25.8	18.362	17.236	19.82
67	6107144359034503808	13:49:57.07	-46:03:03.6	20.215	19.304	2.95
67	6107144225888865152	13:49:48.77	-46:04:43.7	20.645	19.549	2.35
67	6107144363326558080	13:49:57.42	-46:03:05.3	18.649	17.901	10.74
67	6107144187235209472	13:49:55.06	-46:05:05.6	18.287	17.511	15.39
69	6107143985374006912	13:49:56.95	-46:04:59.0	19.850	19.111	3.52
69	6107144084156578944	13:49:58.31	-46:04:48.0	18.312	17.661	13.40
70	6107143985370701568	13:49:55.89	-46:05:06.0	21.077	20.037	1.50
72	6107144157170850304	13:49:51.00	-46:05:06.1	21.055	20.031	1.51
72	6107143981076782080	13:49:57.75	-46:04:57.3	19.198	18.584	5.73
72	6107144225889485312	13:49:47.54	-46:04:34.2	21.041	20.176	1.32
72	6107143981076782208	13:49:57.48	-46:05:00.1	19.808	18.979	3.98
74	6107144187235206400	13:49:55.27	-46:05:11.4	19.979	19.293	2.98
75	6107144363326557952	13:49:58.60	-46:03:05.3	19.709	19.415	2.66
75	6107144363326558336	13:49:58.00	-46:02:59.8	19.796	18.344	7.15
76	6107156114357081472	13:49:53.09	-46:02:44.1	18.722	17.803	11.76
76	6107155972626060032	13:49:46.35	-46:04:10.6	19.873	19.079	3.63
77	6107143981076778880	13:49:57.43	-46:05:05.7	19.384	18.662	5.33
77	6107156075705291264	13:49:49.93	-46:02:52.9	19.784	19.169	3.34
78	6107144088453223552	13:49:59.66	-46:04:46.2	20.386	19.489	2.49
79	6107144359034507008	13:49:58.31	-46:02:58.2	18.054	17.354	17.78
79	6107144152875466368	13:49:52.31	-46:05:17.5	19.321	18.428	6.61
81	6107144324674760192	13:50:00.90	-46:03:31.5	18.204	17.234	19.85
81	6107144191529747328	13:49:53.31	-46:05:20.9	20.922	20.063	1.47
82	6107144393394240640	13:49:59.80	-46:03:09.8	19.396	18.319	7.31
82	6107156114357081856	13:49:55.70	-46:02:40.8	19.204	18.401	6.78
83	6107144359034507136	13:49:58.24	-46:02:52.8	18.900	18.143	8.60
83	6107156075705494912	13:49:50.28	-46:02:44.4	20.569	19.814	1.84
84	6107144324674757888	13:50:01.39	-46:03:38.4	19.806	19.060	3.69
84	6107156075705291392	13:49:48.79	-46:02:52.0	19.770	19.130	3.46
86	6107156114361666176	13:49:55.99	-46:02:37.5	17.992	17.193	20.62
87	6107144225890587648	13:49:46.90	-46:04:51.7	20.884	20.423	1.05
88	6107156075705290752	13:49:47.79	-46:02:56.6	19.907	18.997	3.92
88	6107144088449921408	13:49:59.64	-46:05:01.3	20.746	19.839	1.80
88	6107143981077084928	13:49:54.91	-46:05:26.9	20.247	19.378	2.76
88	6107144397691402752	13:49:59.78	-46:02:59.2	20.996	19.878	1.74
88	6107143981076771584	13:49:55.41	-46:05:26.2	20.153	19.551	2.35
89	6107144084156579200	13:50:01.05	-46:04:43.0	20.255	19.284	3.01
89	6107144088448643584	13:50:01.89	-46:04:22.5	20.218	19.462	2.55
89	6107144088449926912	13:50:01.81	-46:04:25.7	21.026	20.788	0.75
90	6107144397689084032	13:49:58.48	-46:02:45.3	20.622	20.032	1.51
90	6107156045642184448	13:49:45.43	-46:03:30.3	19.122	17.697	12.97
90	6107155972625482240	13:49:45.73	-46:04:37.2	19.816	19.019	3.84
93	6107144084161268352	13:50:02.15	-46:04:26.2	19.123	18.259	7.73
94	6107144324674761856	13:50:01.66	-46:03:17.7	19.204	18.473	6.35
94	6107156075705296768	13:49:51.17	-46:02:29.1	19.887	19.037	3.78
95	6107144152875460864	13:49:52.50	-46:05:34.6	19.950	19.055	3.71
96	6107144328969607168	13:50:01.59	-46:03:10.8	20.735	20.046	1.49
98	6107142744126205056	13:49:45.64	-46:04:51.6	18.426	17.551	14.83
99	6107156075705297920	13:49:50.83	-46:02:25.3	20.256	19.712	2.03
99	6107143981076769920	13:49:57.41	-46:05:30.8	19.408	18.678	5.25
99	6107156110065234176	13:49:56.30	-46:02:24.4	20.775	20.401	1.07

99	6107143981076770944	13:49:58.29	-46:05:26.6	19.576	18.948	4.10
101	6107156079997345536	13:49:50.72	-46:02:23.9	20.554	19.417	2.66
101	6107142748421837952	13:49:45.84	-46:05:00.0	20.948	20.443	1.03
102	6107144122814084736	13:50:03.39	-46:03:56.6	21.482	20.474	1.00
102	6107143981076766208	13:49:55.79	-46:05:39.3	19.524	18.654	5.37
102	6107142744126198912	13:49:46.19	-46:05:07.1	19.954	19.397	2.71
103	6107156041345544320	13:49:44.09	-46:03:30.6	18.512	17.990	9.90
104	6107144157172991744	13:49:50.92	-46:05:39.5	20.694	20.180	1.32
104	6107156075705296000	13:49:48.06	-46:02:33.7	19.409	18.532	6.01
105	6107156045637604992	13:49:46.23	-46:02:49.0	18.572		9.18
105	6107144324674972288	13:50:02.37	-46:03:07.8	20.403	19.310	2.94
105	6107154563876787840	13:49:43.56	-46:04:07.8	19.611	18.830	4.56
105	6107154499451252608	13:49:44.94	-46:04:54.2	20.848	20.310	1.17
106	6107156075705295616	13:49:47.40	-46:02:35.9	18.738	18.054	9.33
106	6107156041345556352	13:49:46.15	-46:02:47.5	18.192	17.600	14.17
107	6107144152875456256	13:49:51.78	-46:05:45.0	19.890	19.384	2.74
107	6107156045637603328	13:49:44.35	-46:03:13.9	19.803	19.217	3.20
107	6107144118516327296	13:50:03.74	-46:03:39.4	19.507	18.637	5.45
107	6107144393394244224	13:50:01.69	-46:02:52.8	20.270	19.408	2.68
108	6107156041345549952	13:49:44.71	-46:03:05.0	20.213	19.649	2.15
108	6107156041345548032	13:49:44.14	-46:03:15.2	20.473	19.451	2.58
109	6107156075705299200	13:49:49.21	-46:02:21.0	19.104	18.421	6.65
110	6107144324678895360	13:50:02.12	-46:02:54.4	20.208	19.469	2.53
110	6107156045638869376	13:49:44.35	-46:03:06.7	20.776	19.776	1.91
110	6107142744126199552	13:49:45.15	-46:05:06.4	19.104	17.906	10.70
111	6107143946717023104	13:49:53.44	-46:05:50.6	18.045	17.368	17.55
111	6107156144424774272	13:49:58.68	-46:02:21.8	19.226	18.028	9.56
112	6107154563876788096	13:49:42.88	-46:04:06.9	18.251	17.600	14.17
113	6107156041345555200	13:49:45.71	-46:02:42.8	20.267	19.423	2.65
114	6107144015436505728	13:49:59.46	-46:05:35.8	19.943	19.241	3.13
114	6107154563876789888	13:49:42.69	-46:03:59.0	17.955	17.256	19.46
114	6107156041350219904	13:49:42.99	-46:03:31.1	19.955	19.354	2.82
115	6107144015437042048	13:50:01.69	-46:05:18.1	20.729	19.918	1.68
116	6107144393394249216	13:50:01.09	-46:02:34.1	19.503	18.557	5.87
116	6107143981076760576	13:49:57.12	-46:05:50.0	19.078	18.387	6.87
117	6107156178784517504	13:49:52.78	-46:02:03.6	18.022	17.340	18.01
117	6107156114362693120	13:49:55.39	-46:02:04.8	19.075	18.268	7.66
117	6107154495156732032	13:49:43.03	-46:04:38.2	19.600	19.028	3.80
117	6107143951014263296	13:49:53.54	-46:05:57.1	19.852		2.82
117	6107154563876795264	13:49:42.76	-46:03:28.3	18.830	18.196	8.18
118	6107144118516327552	13:50:04.72	-46:03:37.2	18.522	17.814	11.64
118	6107144393394253568	13:49:59.68	-46:02:20.0	18.635	18.021	9.62
119	6107154568170114944	13:49:42.58	-46:03:27.0	20.431	19.738	1.98
120	6107154495157027328	13:49:43.27	-46:04:52.7	20.563	19.508	2.44
121	6107143981076757888	13:49:55.95	-46:05:58.1	18.402	17.635	13.72
121	6107156110065041152	13:49:55.25	-46:02:00.3	19.670	18.746	4.93
121	6107144157168112128	13:49:50.64	-46:05:56.7	19.540	18.356	7.06
122	6107144019730442624	13:50:00.91	-46:05:34.8	20.506	19.883	1.73
122	6107154563877005056	13:49:41.96	-46:03:46.8	20.375	19.679	2.09
123	6107143985370696320	13:49:56.22	-46:05:59.6	20.315	19.458	2.56
124	6107156144424776960	13:49:59.35	-46:02:11.6	19.429	18.593	5.68
124	6107142748420728192	13:49:45.39	-46:05:29.2	21.008	20.427	1.05
124	6107144324674761216	13:50:04.86	-46:03:18.5	18.642	17.981	9.98
125	6107143946717018112	13:49:51.16	-46:06:01.8	18.644	17.943	10.33
125	6107156148716824320	13:49:58.29	-46:02:05.1	16.631	15.846	71.33

125	6107156110065235456	13:49:55.54	-46:01:56.7	20.396	19.749	1.96
125	6107156281863731584	13:49:48.19	-46:02:08.2	19.515	18.612	5.58
125	6107143985374001280	13:49:55.19	-46:06:04.0	18.190	17.320	18.34
126	6107143916651843200	13:49:59.49	-46:05:50.2	20.874	19.787	1.89
127	6107154770035228160	13:49:42.18	-46:03:16.9	20.069	19.130	3.46
127	6107142675406704256	13:49:47.90	-46:05:52.0	20.141	19.377	2.76
127	6107144019730443520	13:50:01.91	-46:05:33.4	20.324	19.442	2.60
127	6107144118516323200	13:50:05.85	-46:04:00.5	18.967	18.319	7.31
127	6107144015441601024	13:50:01.71	-46:05:35.4	19.250	18.637	5.45
128	6107156144424781696	13:49:57.07	-46:01:56.8	19.788	18.822	4.60
128	6107154563876791808	13:49:41.35	-46:03:46.5	20.297	19.477	2.52
129	6107156247503984512	13:49:42.76	-46:02:56.7	18.561	17.875	11.01
130	6107144019730444544	13:50:02.51	-46:05:30.5	20.769	20.230	1.26
130	6107143912357281792	13:49:59.43	-46:05:54.6	20.025	19.149	3.40
130	6107144118516576384	13:50:05.64	-46:03:25.1	20.497	19.888	1.72
130	6107144157168111744	13:49:49.11	-46:06:01.2	19.256		4.89
130	6107143912357276288	13:49:56.32	-46:06:07.0	18.737	17.988	9.92
130	6107156183076564992	13:49:52.05	-46:01:50.6	19.804		2.95
131	6107144019729160064	13:50:02.02	-46:05:37.5	18.939	18.081	9.11
131	6107156144428884096	13:49:57.34	-46:01:54.5	19.324	18.555	5.88
132	6107154774331866880	13:49:41.84	-46:03:11.8	19.528	18.781	4.78
132	6107143946717015040	13:49:50.53	-46:06:07.8	17.896	17.112	22.21
132	6107144702631889280	13:50:04.62	-46:02:53.7	19.996	19.072	3.65
132	6107143981076751488	13:49:55.42	-46:06:10.9	17.981	17.334	18.12
133	6107156148716825216	13:49:58.33	-46:01:56.6	19.840	18.637	5.45
133	6107156247503984640	13:49:42.66	-46:02:50.9	18.476	17.862	11.13
134	6107144122808383360	13:50:06.43	-46:04:09.8	20.708	19.632	2.18
134	6107142744126185088	13:49:45.51	-46:05:44.0	19.377	18.520	6.07
134	6107144702632095488	13:50:03.87	-46:02:38.1	20.331	19.162	3.36
135	6107144049796843776	13:50:06.41	-46:04:19.6	20.117	19.111	3.52
135	6107144019729159424	13:50:02.55	-46:05:37.4	20.949		1.03
135	6107156251796035072	13:49:42.39	-46:02:52.3	19.421	18.468	6.37
135	6107156144424779392	13:49:59.12	-46:01:57.6	19.287	18.068	9.22
135	6107144054088904576	13:50:06.44	-46:04:20.3	20.053	19.048	3.74
136	6107156281863927424	13:49:48.84	-46:01:53.5	20.631	19.530	2.40
136	6107144019733740800	13:50:02.55	-46:05:38.8	18.883	17.450	16.27
136	6107143916651221632	13:49:59.00	-46:06:03.9	21.088	19.839	1.80
136	6107143946717010432	13:49:51.95	-46:06:15.2	19.402	18.733	4.99
136	6107143946717010304	13:49:52.56	-46:06:15.9	19.669	19.084	3.61
137	6107156247503981696	13:49:41.74	-46:03:00.9	19.548	18.815	4.63
137	6107143951012420608	13:49:53.24	-46:06:17.0	20.902	19.881	1.73
138	6107154568170727808	13:49:40.73	-46:04:31.3	nan	nan	
138	6107144397686300544	13:50:02.27	-46:02:15.0	20.268	18.968	4.02
138	6107154495156727680	13:49:41.27	-46:04:51.1	19.714	18.808	4.66
139	6107144049796841856	13:50:06.61	-46:04:32.5	18.835	18.240	7.86
139	6107142679703944064	13:49:46.23	-46:05:56.1	17.645	16.956	25.64
140	6107144706923941376	13:50:05.97	-46:03:04.7	21.084		0.91
141	6107142675406697216	13:49:47.89	-46:06:07.4	17.911	17.241	19.73
141	6107144496473663104	13:50:07.16	-46:03:57.0	20.764	19.983	1.58
142	6107142679699361536	13:49:47.68	-46:06:07.5	19.095	18.514	6.11
142	6107154568170108672	13:49:40.02	-46:04:10.9	20.480	19.765	1.93
142	6107144496473663872	13:50:06.84	-46:03:22.8	19.840	18.587	5.71
143	6107142679701251072	13:49:49.35	-46:06:15.7	20.883	20.394	1.08
143	6107154563876724224	13:49:39.91	-46:04:08.6	19.637	19.033	3.79
143	6107156281863735296	13:49:46.27	-46:01:59.0	20.387	19.622	2.20

144	6107156213144265728	13:49:56.48	-46:01:39.0	18.099	17.370	17.53
144	6107142748420105344	13:49:43.76	-46:05:40.9	20.639	19.571	2.31
144	6107156281863736320	13:49:46.56	-46:01:55.8	19.078	18.422	6.65
145	6107142744126501632	13:49:44.59	-46:05:49.8	20.521	19.929	1.66
145	6107144706923940992	13:50:06.41	-46:03:03.0	18.834	18.152	8.52
145	6107154563876212736	13:49:39.89	-46:04:27.3	19.536	18.706	5.12
146	6107156178784747008	13:49:52.02	-46:01:34.7	20.671	20.295	1.18
146	6107144054090192512	13:50:07.44	-46:04:25.5	20.544	19.238	3.13
146	6107156144424784000	13:49:59.38	-46:01:46.4	19.507	18.994	3.92
146	6107154495157026432	13:49:41.24	-46:05:09.5	20.296	19.081	3.62
147	6107154563876505856	13:49:39.62	-46:04:15.1	20.533	19.810	1.85
147	6107156178784527488	13:49:54.54	-46:01:33.1	19.071	18.383	6.89
147	6107143946717004160	13:49:52.29	-46:06:26.4	18.951	17.569	14.59
148	6107144049796838656	13:50:06.17	-46:05:09.2	18.826	18.085	9.07
149	6107144049796839808	13:50:06.94	-46:04:53.3	19.155	18.424	6.64
149	6107142473542200064	13:49:49.23	-46:06:21.3	20.654	19.732	1.99
149	6107143259522257536	13:50:04.04	-46:05:41.5	19.015	17.921	10.55
149	6107143912357268608	13:49:59.10	-46:06:17.4	19.531	18.885	4.34
149	6107156389234997120	13:49:51.53	-46:01:32.0	20.076	18.796	4.71
150	6107154465090888576	13:49:41.46	-46:05:19.6	20.739	19.680	2.09
150	6107144397686303104	13:50:01.93	-46:01:57.8	20.214	19.577	2.29