

Table S13. Ratio of internal to primary start site utilization based on read mappings and TSSAR. All results are for TSSAR identified internal start sites with a p value of 0. ID column matches to results found in Tables S8-S9

Position	Strand	ID	Identity	Primary Position	Ratio of Internal To Primary Reads	Type
1291478	+	TSS_007213	PMM1340	1290486	12.93	Control
730435	+	TSS_004333	PMM0767	730331	11.79	Control
1068999	-	TSS_016277	PMM1121	1069447	6.82	Control
1380019	+	TSS_007743	PMM1443	1379949	5.57	Control
1448025	-	TSS_019253	PMM1509	1449812	5.51	Control
860406	-	TSS_015192	PMM0897	860982	4.84	Control
32374	+	TSS_000209	PMM0034	32317	4.35	Control
387042	-	TSS_012107	PMM0407	387181	3.93	Control
140081	-	TSS_010302	PMM0143	140446	3.64	Control
324964	+	TSS_002154	PMM0335	324585	3.59	Control
1633040	+	TSS_009535	PMM1697	1632609	3.48	Control
1219165	-	TSS_016932	PMM1264	1219801	3.09	Control
98015	-	TSS_010136	PMM0095	98676	2.87	Control
763063	+	TSS_004496	PMM0804	762992	2.49	Control
590072	+	TSS_003690	PMM0619	589671	2.47	Control
467553	+	TSS_002893	PMM0494	467409	2.25	Control
468497	-	TSS_012700	PMM0495	469000	2.13	Control
1218465	-	TSS_016879	PMM1264	1219801	1.96	Control
258478	-	TSS_011103	PMM0268	258613	1.89	Control
223706	-	TSS_010918	PMM0228	223847	1.85	Control
582602	-	TSS_013632	PMM0611	582767	1.80	Control
1024480	+	TSS_005505	PMM1081	1023698	1.71	Control
1568018	-	TSS_021542	PMM1639	1569177	1.68	Control
154964	-	TSS_010404	PMM0159	155061	1.65	Control
467736	+	TSS_002903	PMM0494	467409	1.48	Control
466192	+	TSS_002884	PMM0493	465840	1.47	Control
558490	+	TSS_003542	PMM0590	558189	1.38	Control
328681	-	TSS_011822	PMM0339	329348	1.35	Control
1000995	-	TSS_015707	PMM1062	1002034	1.33	Control
1557486	-	TSS_021342	PMM1629	1558291	1.31	Control
1363264	-	TSS_017821	PMM1422	1363417	1.24	Control
121450	-	TSS_010237	PMM0123	121764	1.21	Control
123779	+	TSS_000612	PMM0126	123251	1.18	Control
1001916	-	TSS_015710	PMM1062	1002034	1.15	Control
1252148	+	TSS_006906	PMM1300	1251088	1.15	Control
150290	+	TSS_000819	PMM0152	149427	1.10	Control
1454543	+	TSS_008337	PMM1512	1450891	1.08	Control
66518	+	TSS_000351	PMM0060	65752	1.04	Control
1469172	+	TSS_008462	PMM1526	1468704	1.00	Control
730737	+	TSS_004340	PMM0767	730331	0.92	Control
223299	-	TSS_010889	PMM0228	223847	0.92	Control
1525299	+	TSS_008863	PMM1596	1524215	0.85	Control
900053	+	TSS_005025	PMM0941	899977	0.85	Control
1245796	+	TSS_006866	PMM1293	1245509	0.84	Control
1469928	-	TSS_019961	PMM1527	1470923	0.84	Control
66151	+	TSS_000349	PMM0060	65752	0.81	Control
151351	-	TSS_010369	PMM0153	151546	0.78	Control
151109	-	TSS_010365	PMM0153	151546	0.78	Control
614082	-	TSS_013745	PMM0644	614781	0.76	Control
704459	-	TSS_014101	PMM0743	705815	0.75	Control
143488	-	TSS_010323	PMM0147	143883	0.71	Control
1454166	+	TSS_008330	PMM1512	1450891	0.71	Control
1036076	+	TSS_005570	PMM1090	1035252	0.68	Control
1019222	-	TSS_015819	PMM1075	1019352	0.66	Control
1454745	+	TSS_008339	PMM1512	1450891	0.65	Control
1567306	-	TSS_021525	PMM1639	1569177	0.64	Control
105437	-	TSS_010164	PMM0101	105946	0.63	Control
78158	-	TSS_010048	PMM0073	79154	0.62	Control
1018655	-	TSS_015770	PMM1075	1019352	0.62	Control
730925	+	TSS_004346	PMM0767	730331	0.61	Control
223578	-	TSS_010913	PMM0228	223847	0.60	Control
628505	-	TSS_013812	PMM0660	628656	0.60	Control
499089	+	TSS_003081	PMM0526	497550	0.60	Control
1300005	+	TSS_007266	PMM1349	1299756	0.59	Control
784835	+	TSS_004587	PMM0829	784601	0.56	Control
1332932	-	TSS_017653	PMM1383	1333562	0.56	Control
309678	-	TSS_011589	PMM0324	309757	0.55	Control
348397	+	TSS_002235	PMM0366	348206	0.54	Control
1499500	-	TSS_020778	PMM1570	1499641	0.54	Control
1059858	+	TSS_005663	PMM1113	1059299	0.52	Control
746288	-	TSS_014510	PMM0784	746584	0.51	Control
66815	+	TSS_000353	PMM0060	65752	0.51	Control
12361	+	TSS_000061	PMM0010	11776	0.50	Control
433897	+	TSS_002683	PMM0454	433437	0.47	Control
63461	+	TSS_000341	PMM0058	63116	0.46	Control
1639698	-	TSS_021915	PMM1702	1640380	0.45	Control
1490650	+	TSS_008712	PMM1562	1490373	0.44	Control
189007	+	TSS_000955	PMM0195	188865	0.44	Control
1252018	+	TSS_006904	PMM1300	1251088	0.43	Control
1589048	-	TSS_009308	PMM1657	1588301	0.42	Control
1554498	-	TSS_021285	PMM1625	1554856	0.41	Control
723763	-	TSS_014249	PMM0760	724578	0.40	Control
1245700	+	TSS_006865	PMM1293	1245509	0.40	Control
614001	-	TSS_013743	PMM0644	614781	0.40	Control
1518815	-	TSS_020898	PMM1589	1519244	0.39	Control
78218	-	TSS_010050	PMM0073	79154	0.39	Control
705461	-	TSS_014138	PMM0743	705815	0.39	Control
15347	+	TSS_000080	PMM0012	14568	0.39	Control
1597137	+	TSS_009358	PMM1665	1596577	0.38	Control
504905	+	TSS_003122	PMM0533	504428	0.38	Control
27367	+	TSS_000180	PMM0026	27273	0.37	Control

644591 +	TSS_003974 PMM0676	643669	0.37 Control
197771 -	TSS_010596 PMM0205	198069	0.37 Control
197876 -	TSS_010601 PMM0205	198069	0.36 Control
129278 -	TSS_010273 PMM0131	130071	0.33 Control
1623293 +	TSS_009503 PMM1689	1623168	0.32 Control
729981 -	TSS_014324 PMM0766	730261	0.31 Control
78481 -	TSS_010056 PMM0073	79154	0.31 Control
493996 -	TSS_012831 PMM0522	494177	0.31 Control
1224306 -	TSS_017006 PMM1270	1225100	0.29 Control
105798 -	TSS_010171 PMM0101	105946	0.28 Control
1095730 +	TSS_005822 PMM1142	1094754	0.27 Control
588874 +	TSS_003680 PMM0618	588622	0.26 Control
466610 +	TSS_002887 PMM0493	465840	0.25 Control
78295 -	TSS_010052 PMM0073	79154	0.24 Control
189333 +	TSS_000960 PMM0195	188865	0.24 Control
738964 -	TSS_014383 PMM0774	739095	0.24 Control
144965 +	TSS_000739 PMM0149	144701	0.23 Control
737785 -	TSS_014366 PMM0774	739095	0.22 Control
441185 -	TSS_012492 PMM0462	441340	0.22 Control
105240 -	TSS_010162 PMM0101	105946	0.22 Control
349634 -	TSS_011872 PMM0368	349709	0.21 Control
145715 +	TSS_000765 PMM0149	144701	0.21 Control
398719 +	TSS_002519 PMM0420	398147	0.21 Control
1373532 +	TSS_007576 PMM1435	1373308	0.21 Control
145511 +	TSS_000754 PMM0149	144701	0.20 Control
703511 +	TSS_004164 PMM0742	703275	0.20 Control
738854 -	TSS_014379 PMM0774	739095	0.20 Control
218599 +	TSS_001138 PMM0224	217978	0.19 Control
1275591 +	TSS_007141 PMM1323	1274764	0.19 Control
145211 +	TSS_000745 PMM0149	144701	0.17 Control
864270 +	TSS_004816 PMM0901	863809	0.17 Control
1238666 -	TSS_017213 PMM1287	1238943	0.16 Control
1549235 -	TSS_021156 PMM1619	1549798	0.16 Control
1422856 -	TSS_019005 PMM1485	1423524	0.16 Control
1644804 +	TSS_009619 PMM1706	1644415	0.16 Control
218695 +	TSS_001143 PMM0224	217978	0.16 Control
143021 -	TSS_010320 PMM0147	143883	0.15 Control
1624375 +	TSS_009510 PMM1689	1623168	0.15 Control
125778 +	TSS_000632 PMM0128	125323	0.15 Control
1131719 +	TSS_006311 PMM1186	1131150	0.14 Control
1401712 -	TSS_018480 PMM1467	1403187	0.14 Control
220578 -	TSS_010821 PMM0226	221632	0.14 Control
863967 +	TSS_004806 PMM0901	863809	0.14 Control
1422752 -	TSS_019004 PMM1485	1423524	0.13 Control
611411 +	TSS_003813 PMM0642	610941	0.13 Control
498247 +	TSS_003041 PMM0526	497550	0.13 Control
1423046 -	TSS_019006 PMM1485	1423524	0.13 Control
253836 +	TSS_001391 PMM0263	252586	0.13 Control
498643 +	TSS_003048 PMM0526	497550	0.12 Control
160552 -	TSS_010442 PMM0164	160684	0.12 Control
497254 +	TSS_003020 PMM0525	496211	0.12 Control
803506 -	TSS_014887 PMM0844	804298	0.12 Control
1253102 +	TSS_006915 PMM1301	1252970	0.12 Control
132594 +	TSS_000675 PMM0134	132109	0.11 Control
1034423 -	TSS_016144 PMM1088	1034569	0.11 Control
205032 +	TSS_001030 PMM0211	204910	0.11 Control
1372986 +	TSS_007570 PMM1434	1371646	0.11 Control
1529501 -	TSS_020964 PMM1600	1530254	0.11 Control
31393 -	TSS_009806 PMM0032	31536	0.10 Control
1022762 -	TSS_015837 PMM1080	1023493	0.10 Control
1240490 -	TSS_017232 PMM1289	1241067	0.10 Control
747387 -	TSS_014538 PMM0785	747664	0.10 Control
384162 +	TSS_002423 PMM0405	383585	0.10 Control
1346497 -	TSS_017730 PMM1400	1346865	0.09 Control
145139 +	TSS_000744 PMM0149	144701	0.09 Control
1464704 -	TSS_019746 PMM1524	1466574	0.09 Control
447456 +	TSS_002741 PMM0472	447381	0.09 Control
27552 +	TSS_000183 PMM0026	27273	0.09 Control
92216 -	TSS_010120 PMM0086	92293	0.08 Control
724438 -	TSS_014296 PMM0760	724578	0.08 Control
857485 -	TSS_015161 PMM0894	857549	0.08 Control
1008963 +	TSS_005417 PMM1066	1007850	0.07 Control
221154 -	TSS_010854 PMM0226	221632	0.07 Control
299950 -	TSS_011379 PMM0312	300325	0.07 Control
1642444 -	TSS_022043 PMM1704	1643399	0.06 Control
208811 -	TSS_010711 PMM0214	208944	0.06 Control
384720 +	TSS_002453 PMM0405	383585	0.06 Control
384519 +	TSS_002440 PMM0405	383585	0.06 Control
1645357 -	TSS_022164 PMM1707	1646216	0.06 Control
1465661 -	TSS_019863 PMM1524	1466574	0.06 Control
457755 -	TSS_012661 PMM0483	457975	0.06 Control
299836 -	TSS_011375 PMM0312	300325	0.06 Control
119905 +	TSS_000600 PMM0121	119798	0.05 Control
1223572 -	TSS_016991 PMM1269	1224017	0.05 Control
208529 -	TSS_010696 PMM0214	208944	0.05 Control
221070 -	TSS_010850 PMM0226	221632	0.05 Control
166516 +	TSS_000889 PMM0172	165910	0.05 Control
207728 -	TSS_010664 PMM0214	208944	0.04 Control
310880 +	TSS_001841 PMM0326	310480	0.04 Control
1642285 -	TSS_022020 PMM1704	1643399	0.04 Control
147332 +	TSS_000792 PMM0150	146794	0.04 Control
1083716 +	TSS_005789 PMM1132	1082218	0.04 Control
1240970 -	TSS_017248 PMM1289	1241067	0.04 Control

1549500 -	TSS_021169	PMM1619	1549798	0.04	Control
431182 -	TSS_012320	PMM0452	432317	0.04	Control
432210 -	TSS_012388	PMM0452	432317	0.04	Control
147807 +	TSS_000799	PMM0150	146794	0.04	Control
310023 +	TSS_001792	PMM0325	309786	0.03	Control
868162 -	TSS_015227	PMM0907	869447	0.03	Control
1642606 -	TSS_022059	PMM1704	1643399	0.03	Control
1131989 +	TSS_006317	PMM1186	1131150	0.03	Control
195809 -	TSS_010551	PMM0202	196137	0.03	Control
676283 +	TSS_004102	PMM0710	675828	0.03	Control
927406 +	TSS_005145	PMM0970	926558	0.03	Control
927259 +	TSS_005142	PMM0970	926558	0.02	Control
926646 +	TSS_005123	PMM0970	926558	0.02	Control
1138412 +	TSS_006439	PMM1191	1136852	0.01	Control
1068972 -	TSS_022850	PMM1121	1069447	13.01	Experimental
1557493 -	TSS_028288	PMM1629	1558291	10.41	Experimental
900041 +	TSS_007669	PMM0941	899977	10.31	Experimental
468497 -	TSS_018015	PMM0495	469000	9.52	Experimental
1633014 +	TSS_013585	PMM1697	1632609	7.42	Experimental
491260 +	TSS_005334	PMM0519	490706	6.82	Experimental
80289 +	TSS_000660	PMM0075	79823	6.46	Experimental
223706 -	TSS_015742	PMM0228	223847	5.20	Experimental
140081 -	TSS_014893	PMM0143	140446	4.75	Experimental
123779 +	TSS_000953	PMM0126	123251	4.16	Experimental
704397 -	TSS_019669	PMM0743	705815	4.02	Experimental
258478 -	TSS_016059	PMM0268	258616	3.99	Experimental
763062 +	TSS_006882	PMM0804	762992	3.74	Experimental
1568020 -	TSS_028672	PMM1639	1569177	3.61	Experimental
354391 +	TSS_004218	PMM0370	352957	3.31	Experimental
781041 +	TSS_007009	PMM0825	779053	3.08	Experimental
1380027 +	TSS_011134	PMM1443	1379949	2.96	Experimental
353381 +	TSS_004069	PMM0370	352957	2.69	Experimental
12129 +	TSS_000105	PMM0010	11772	2.54	Experimental
1447936 -	TSS_026113	PMM1509	1449812	2.46	Experimental
197771 -	TSS_015365	PMM0205	198069	2.42	Experimental
1018655 -	TSS_021747	PMM1075	1019366	2.41	Experimental
1024480 +	TSS_008664	PMM1081	1023698	2.35	Experimental
176661 +	TSS_001491	PMM0185	176333	2.26	Experimental
1567303 -	TSS_028641	PMM1639	1569177	2.22	Experimental
197876 -	TSS_015373	PMM0205	198069	2.21	Experimental
747387 -	TSS_020214	PMM0785	747664	2.15	Experimental
860406 -	TSS_020949	PMM0897	860980	2.15	Experimental
1589048 +	TSS_013226	PMM1657	1588301	2.07	Experimental
96530 +	TSS_000795	PMM0091	96428	1.94	Experimental
1454166 +	TSS_011834	PMM1512	1450891	1.93	Experimental
154809 -	TSS_015069	PMM0159	155061	1.81	Experimental
154860 -	TSS_015079	PMM0159	155061	1.77	Experimental
981600 +	TSS_008375	PMM1038	981473	1.76	Experimental
1420706 -	TSS_025705	PMM1485	1423524	1.67	Experimental
1363264 -	TSS_024893	PMM1422	1363417	1.57	Experimental
1422856 -	TSS_025770	PMM1485	1423524	1.54	Experimental
1019222 -	TSS_021849	PMM1075	1019366	1.50	Experimental
1454543 +	TSS_011846	PMM1512	1450891	1.49	Experimental
1469172 +	TSS_011941	PMM1526	1468704	1.42	Experimental
628505 -	TSS_019027	PMM0660	628656	1.36	Experimental
1036076 +	TSS_008730	PMM1090	1035252	1.34	Experimental
150290 +	TSS_001294	PMM0152	149428	1.31	Experimental
1126503 -	TSS_023437	PMM1178	1127288	1.29	Experimental
129278 -	TSS_014851	PMM0131	130071	1.27	Experimental
189007 +	TSS_001518	PMM0195	188865	1.27	Experimental
746286 -	TSS_020205	PMM0784	746584	1.26	Experimental
121450 -	TSS_014816	PMM0123	121764	1.16	Experimental
1448485 -	TSS_026157	PMM1509	1449812	1.15	Experimental
1490794 +	TSS_012124	PMM1562	1490373	1.12	Experimental
1294828 -	TSS_024392	PMM1342	1295547	1.09	Experimental
349673 -	TSS_017086	PMM0368	349709	1.07	Experimental
1245700 +	TSS_009975	PMM1293	1245509	1.05	Experimental
774713 -	TSS_020416	PMM0819	774773	1.03	Experimental
433897 +	TSS_004880	PMM0454	433437	1.01	Experimental
143488 -	TSS_014969	PMM0147	143883	1.00	Experimental
63461 +	TSS_000483	PMM0058	63116	0.94	Experimental
105437 -	TSS_014669	PMM0101	105946	0.93	Experimental
128699 -	TSS_014848	PMM0131	130071	0.93	Experimental
1420978 -	TSS_025720	PMM1485	1423524	0.89	Experimental
155927 -	TSS_015116	PMM0160	156249	0.88	Experimental
499089 +	TSS_005510	PMM0526	497550	0.87	Experimental
98015 -	TSS_014647	PMM0095	98676	0.84	Experimental
1518815 -	TSS_027523	PMM1589	1519244	0.84	Experimental
644589 +	TSS_006296	PMM0676	643669	0.84	Experimental
1554498 -	TSS_028202	PMM1625	1554856	0.83	Experimental
1059858 +	TSS_008821	PMM1113	1059299	0.80	Experimental
105223 -	TSS_014665	PMM0101	105946	0.78	Experimental
1122905 +	TSS_009400	PMM1174	1122779	0.78	Experimental
1606665 +	TSS_013382	PMM1674	1606251	0.76	Experimental
1448025 -	TSS_026120	PMM1509	1449812	0.76	Experimental
1628843 -	TSS_029215	PMM1694	1629107	0.74	Experimental
131956 -	TSS_014865	PMM0133	132089	0.72	Experimental
1332932 -	TSS_024612	PMM1383	1333562	0.72	Experimental
644399 +	TSS_006291	PMM0676	643669	0.71	Experimental
723763 -	TSS_019917	PMM0760	724578	0.69	Experimental
497254 +	TSS_005402	PMM0525	496211	0.69	Experimental
1295467 -	TSS_024423	PMM1342	1295547	0.68	Experimental
466192 +	TSS_005194	PMM0493	465840	0.65	Experimental

27367 +	TSS_000244	PMM0026	27273	0.64	Experimental
1599097 -	TSS_028992	PMM1667	1599261	0.63	Experimental
125778 +	TSS_001001	PMM0128	125323	0.62	Experimental
498873 +	TSS_005478	PMM0526	497550	0.62	Experimental
144023 +	TSS_001117	PMM0148	143931	0.60	Experimental
207728 -	TSS_015450	PMM0214	208944	0.60	Experimental
532769 +	TSS_005766	PMM0565	531701	0.59	Experimental
145715 +	TSS_001168	PMM0149	144701	0.59	Experimental
1439422 -	TSS_025879	PMM1500	1440282	0.58	Experimental
1423046 -	TSS_025773	PMM1485	1423524	0.56	Experimental
1380210 +	TSS_011135	PMM1443	1379949	0.54	Experimental
398719 +	TSS_004637	PMM0420	398147	0.53	Experimental
582602 -	TSS_018857	PMM0611	582767	0.52	Experimental
163563 -	TSS_015219	PMM0169	163802	0.51	Experimental
1398489 +	TSS_011316	PMM1465	1397666	0.50	Experimental
145511 +	TSS_001155	PMM0149	144701	0.49	Experimental
493996 -	TSS_018181	PMM0522	494177	0.48	Experimental
78295 -	TSS_014555	PMM0073	79154	0.48	Experimental
144965 +	TSS_001131	PMM0149	144701	0.47	Experimental
220578 -	TSS_015598	PMM0226	221632	0.47	Experimental
141294 -	TSS_014931	PMM0144	141905	0.46	Experimental
1224306 -	TSS_023777	PMM1270	1225100	0.46	Experimental
1367686 +	TSS_011008	PMM1428	1367587	0.45	Experimental
1252379 +	TSS_010051	PMM1300	1251088	0.45	Experimental
1491478 +	TSS_012250	PMM1562	1490373	0.45	Experimental
803506 -	TSS_020584	PMM0844	804298	0.45	Experimental
145211 +	TSS_001137	PMM0149	144701	0.44	Experimental
154964 -	TSS_015097	PMM0159	155061	0.44	Experimental
78158 -	TSS_014552	PMM0073	79154	0.44	Experimental
457755 -	TSS_017991	PMM0483	457975	0.44	Experimental
299836 -	TSS_016360	PMM0312	300325	0.43	Experimental
322674 +	TSS_003860	PMM0333	322362	0.43	Experimental
1421293 -	TSS_025730	PMM1485	1423524	0.42	Experimental
27552 +	TSS_000247	PMM0026	27273	0.42	Experimental
757372 -	TSS_020252	PMM0796	757822	0.41	Experimental
299950 -	TSS_016361	PMM0312	300325	0.39	Experimental
205343 +	TSS_001635	PMM0211	204910	0.39	Experimental
218599 +	TSS_002225	PMM0224	217978	0.38	Experimental
611411 +	TSS_006094	PMM0642	610941	0.38	Experimental
15146 +	TSS_000146	PMM0012	14568	0.37	Experimental
1300005 +	TSS_010667	PMM1349	1299740	0.37	Experimental
498249 +	TSS_005443	PMM0526	497550	0.35	Experimental
1218465 -	TSS_023642	PMM1264	1219792	0.34	Experimental
1440154 -	TSS_025922	PMM1500	1440282	0.34	Experimental
78218 -	TSS_014553	PMM0073	79154	0.34	Experimental
92441 +	TSS_000752	PMM0087	92350	0.33	Experimental
1034417 -	TSS_022375	PMM1088	1034569	0.33	Experimental
228037 +	TSS_002293	PMM0235	227959	0.32	Experimental
1645357 -	TSS_029444	PMM1707	1646216	0.31	Experimental
588874 +	TSS_005927	PMM0618	588622	0.31	Experimental
1033430 -	TSS_022195	PMM1088	1034569	0.29	Experimental
143021 -	TSS_014962	PMM0147	143883	0.29	Experimental
160552 -	TSS_015186	PMM0164	160684	0.28	Experimental
1253102 +	TSS_010066	PMM1301	1252970	0.28	Experimental
155334 -	TSS_015103	PMM0160	156249	0.28	Experimental
1371875 +	TSS_011034	PMM1434	1371646	0.27	Experimental
1499500 -	TSS_027366	PMM1570	1499639	0.26	Experimental
737882 -	TSS_020050	PMM0774	739095	0.25	Experimental
1549235 -	TSS_027936	PMM1619	1549798	0.25	Experimental
737771 -	TSS_020038	PMM0774	739095	0.24	Experimental
349634 -	TSS_017084	PMM0368	349709	0.23	Experimental
1609831 +	TSS_013402	PMM1676	1609627	0.23	Experimental
145139 +	TSS_001136	PMM0149	144701	0.23	Experimental
205032 +	TSS_001621	PMM0211	204910	0.22	Experimental
31393 -	TSS_014141	PMM0032	31536	0.22	Experimental
1131452 +	TSS_009499	PMM1186	1131150	0.22	Experimental
1240490 -	TSS_024057	PMM1289	1241067	0.21	Experimental
160039 -	TSS_015153	PMM0164	160684	0.21	Experimental
1008963 +	TSS_008515	PMM1066	1007850	0.20	Experimental
1507214 -	TSS_027453	PMM1577	1508411	0.20	Experimental
724438 -	TSS_019979	PMM0760	724578	0.20	Experimental
977946 +	TSS_008346	PMM1033	977043	0.20	Experimental
1131719 +	TSS_009506	PMM1186	1131150	0.19	Experimental
119905 +	TSS_000937	PMM0121	119798	0.19	Experimental
384144 +	TSS_004505	PMM0405	383585	0.19	Experimental
386764 -	TSS_017359	PMM0407	387174	0.18	Experimental
738857 -	TSS_020089	PMM0774	739095	0.18	Experimental
1239822 +	TSS_009912	PMM1288	1239042	0.16	Experimental
384720 +	TSS_004566	PMM0405	383585	0.16	Experimental
1523398 -	TSS_027547	PMM1594	1523570	0.15	Experimental
328681 -	TSS_016997	PMM0339	329348	0.14	Experimental
1636527 +	TSS_013754	PMM1700	1635526	0.13	Experimental
306125 -	TSS_016557	PMM0321	306386	0.13	Experimental
1401712 -	TSS_025249	PMM1467	1403187	0.13	Experimental
901817 -	TSS_021079	PMM0945	905299	0.13	Experimental
384519 +	TSS_004541	PMM0405	383585	0.13	Experimental
217197 +	TSS_001906	PMM0223	216745	0.12	Experimental
1022762 -	TSS_021876	PMM1080	1023493	0.12	Experimental
310880 +	TSS_002942	PMM0326	310480	0.11	Experimental
1465661 -	TSS_019863	PMM1524	1466574	0.11	Experimental
32608 -	TSS_014167	PMM0035	33713	0.11	Experimental
383961 +	TSS_004480	PMM0405	383585	0.11	Experimental
1008779 +	TSS_008503	PMM1066	1007850	0.10	Experimental

431182 -	TSS_017698 PMM0452	432317	0.09 Experimental
32866 -	TSS_014189 PMM0035	33713	0.09 Experimental
310023 +	TSS_002878 PMM0325	309786	0.09 Experimental
1131989 +	TSS_009521 PMM1186	1131150	0.08 Experimental
1083716 +	TSS_008966 PMM1132	1082218	0.08 Experimental
1238666 -	TSS_024013 PMM1287	1238943	0.08 Experimental
166513 +	TSS_001406 PMM0172	165910	0.08 Experimental
1549500 -	TSS_027954 PMM1619	1549798	0.07 Experimental
92216 -	TSS_014618 PMM0086	92293	0.07 Experimental
166228 +	TSS_001376 PMM0172	165910	0.07 Experimental
734570 +	TSS_006758 PMM0770	734269	0.06 Experimental
927441 +	TSS_007993 PMM0970	926558	0.06 Experimental
1223575 -	TSS_023765 PMM1269	1224017	0.05 Experimental
926661 +	TSS_007807 PMM0970	926558	0.05 Experimental
1009058 +	TSS_008517 PMM1066	1007850	0.04 Experimental
147473 +	TSS_001238 PMM0150	146794	0.03 Experimental
147440 +	TSS_001236 PMM0150	146794	0.03 Experimental
147116 +	TSS_001224 PMM0150	146794	0.03 Experimental
1138412 +	TSS_009588 PMM1191	1136852	0.03 Experimental
253072 +	TSS_002460 PMM0263	252586	0.03 Experimental
252875 +	TSS_002439 PMM0263	252586	0.03 Experimental
147332 +	TSS_001231 PMM0150	146794	0.02 Experimental
147971 +	TSS_001271 PMM0150	146794	0.02 Experimental