

**Table 2. siRNA generating loci.**

locus ID	chr	start	stop	cloned siRNAs			unique siRNA	TE
				wt	nripd1a	nripd1b		
at_locus.00001	1	2	265	8	0	1	yes	
at_locus.00002	1	794	960	4	0	0	yes	
at_locus.00003	1	17,055	17,460	8	0	0	no	TE
at_locus.00004	1	17,936	18,228	15	2	1	no	TE
at_locus.00005	1	42,311	42,434	6	0	0	no	
at_locus.00006	1	44,717	44,745	4	0	0	no	
at_locus.00007	1	77,318	77,495	7	0	2	no	TE
at_locus.00008	1	78,931	79,121	12	111	62	yes	
at_locus.00009	1	234,014	234,153	2	6	0	yes	
at_locus.00010	1	239,121	239,294	9	2	0	yes	
at_locus.00011	1	257,727	258,630	24	2	2	no	TE
at_locus.00012	1	292,112	292,612	21	0	11	yes	
at_locus.00013	1	431,343	431,489	25	1	0	yes	
at_locus.00014	1	431,907	432,003	26	0	1	no	TE
at_locus.00015	1	433,124	433,454	22	1	2	no	TE
at_locus.00016	1	446,619	447,422	20	0	7	yes	
at_locus.00017	1	499,595	500,158	33	3	0	no	TE
at_locus.00018	1	500,405	500,860	11	0	0	no	TE
at_locus.00019	1	501,289	501,372	8	0	0	no	TE
at_locus.00021	1	540,468	540,973	14	0	0	yes	TE
at_locus.00022	1	549,927	550,806	2	0	0	no	
at_locus.00023	1	587,500	587,978	16	0	0	yes	TE
at_locus.00024	1	670,627	670,905	11	0	5	yes	
at_locus.00025	1	696,476	696,722	8	0	0	no	TE
at_locus.00026	1	697,345	697,374	4	0	0	no	TE
at_locus.00027	1	758,685	758,759	21	0	2	no	TE
at_locus.00028	1	759,012	759,144	4	0	1	no	TE
at_locus.00029	1	759,580	760,429	32	0	2	no	TE
at_locus.00030	1	781,404	781,902	2	0	0	no	
at_locus.00031	1	822,274	822,314	5	0	0	yes	TE
at_locus.00032	1	875,165	875,342	5	2	8	no	
at_locus.00033	1	888,839	889,255	2	0	0	no	
at_locus.00035	1	944,357	944,389	4	0	0	yes	
at_locus.00036	1	1,009,071	1,009,248	5	2	8	no	

at_locus.00037	1	1,160,223	1,160,298	22	0	0	no	TE
at_locus.00038	1	1,160,962	1,161,246	5	0	0	yes	TE
at_locus.00039	1	1,194,446	1,195,100	42	0	1	yes	TE
at_locus.00040	1	1,215,705	1,215,828	5	4	3	yes	
at_locus.00041	1	1,249,941	1,250,839	2	0	0	no	
at_locus.00042	1	1,276,526	1,276,583	6	0	0	no	TE
at_locus.00043	1	1,289,038	1,289,451	3	0	0	no	
at_locus.00044	1	1,430,310	1,430,431	29	0	2	no	
at_locus.00045	1	1,430,838	1,431,020	46	1	0	yes	TE
at_locus.00046	1	1,441,673	1,442,099	12	0	7	no	TE
at_locus.00047	1	1,442,324	1,442,498	2	1	5	yes	TE
at_locus.00048	1	1,476,517	1,476,710	5	0	1	yes	TE
at_locus.00049	1	1,593,062	1,593,261	6	1	2	yes	
at_locus.00050	1	1,598,313	1,598,498	4	0	0	yes	TE
at_locus.00051	1	1,613,359	1,613,796	6	0	1	yes	TE
at_locus.00052	1	1,738,944	1,739,135	5	0	0	no	TE
at_locus.00053	1	1,882,116	1,882,209	9	0	0	yes	
at_locus.00054	1	1,975,167	1,975,231	4	0	0	no	
at_locus.00055	1	1,975,540	1,975,584	17	0	1	no	TE
at_locus.00056	1	1,975,964	1,976,290	8	2	1	yes	TE
at_locus.00057	1	2,014,948	2,015,084	7	7	9	no	
at_locus.00060	1	2,157,021	2,157,252	4	0	4	yes	TE
at_locus.00061	1	2,165,569	2,165,595	3	7	5	yes	
at_locus.00062	1	2,189,267	2,189,499	5	0	5	yes	
at_locus.00063	1	2,234,936	2,235,166	13	0	0	no	TE
at_locus.00065	1	2,340,178	2,340,424	4	0	0	yes	
at_locus.00066	1	2,415,681	2,415,941	7	0	1	yes	TE
at_locus.00067	1	2,473,015	2,473,302	35	0	0	no	TE
at_locus.00068	1	2,531,496	2,531,619	11	0	0	yes	TE
at_locus.00070	1	2,587,334	2,587,552	7	0	0	no	TE
at_locus.00071	1	2,587,831	2,588,400	20	0	0	no	TE
at_locus.00072	1	2,657,466	2,657,786	11	0	4	yes	TE
at_locus.00073	1	2,676,166	2,676,181	0	0	10	no	
at_locus.00074	1	2,788,457	2,788,735	12	0	1	no	TE
at_locus.00075	1	2,789,000	2,789,304	4	0	4	no	TE
at_locus.00076	1	2,790,748	2,791,484	8	0	10	no	TE
at_locus.00077	1	2,792,975	2,793,613	1	0	8	no	TE

at_locus.00078	1	2,794,006	2,794,416	1	1	5	no	TE
at_locus.00079	1	2,795,207	2,795,823	7	0	5	no	TE
at_locus.00080	1	2,796,348	2,797,108	18	0	5	no	TE
at_locus.00081	1	2,797,860	2,798,154	1	0	5	no	TE
at_locus.00082	1	2,798,678	2,799,006	4	0	0	no	TE
at_locus.00083	1	2,799,274	2,799,589	5	0	0	no	TE
at_locus.00084	1	2,799,854	2,800,037	5	0	2	no	TE
at_locus.00086	1	2,986,696	2,986,837	5	0	0	yes	TE
at_locus.00087	1	3,023,515	3,024,276	18	0	0	no	TE
at_locus.00088	1	3,063,597	3,063,635	10	0	0	yes	
at_locus.00089	1	3,073,478	3,074,017	16	0	0	no	TE
at_locus.00090	1	3,074,715	3,074,946	5	0	0	no	TE
at_locus.00091	1	3,180,541	3,180,722	0	12	11	yes	
at_locus.00092	1	3,251,279	3,251,384	11	0	0	no	TE
at_locus.00093	1	3,342,602	3,342,995	9	1	2	yes	TE
at_locus.00094	1	3,413,562	3,413,785	10	0	0	no	TE
at_locus.00095	1	3,414,003	3,414,839	36	2	0	yes	TE
at_locus.00096	1	3,469,677	3,469,840	2	4	0	no	
at_locus.00097	1	3,497,755	3,497,779	4	0	0	no	TE
at_locus.00098	1	3,547,597	3,547,753	5	0	0	yes	
at_locus.00099	1	3,762,775	3,762,891	4	0	0	no	TE
at_locus.00100	1	3,771,751	3,771,789	5	0	0	yes	TE
at_locus.00101	1	3,780,837	3,781,167	54	0	1	no	TE
at_locus.00102	1	3,781,417	3,781,906	4	0	2	no	TE
at_locus.00103	1	3,781,932	3,781,977	0	0	6	no	TE
at_locus.00104	1	3,782,806	3,783,173	5	0	1	no	TE
at_locus.00105	1	3,785,014	3,785,683	57	0	2	no	TE
at_locus.00106	1	3,825,794	3,825,926	4	1	3	no	TE
at_locus.00107	1	3,826,291	3,827,555	16	0	10	no	TE
at_locus.00108	1	3,892,172	3,892,206	6	0	0	yes	
at_locus.00109	1	3,898,228	3,898,294	4	0	0	yes	
at_locus.00110	1	3,910,516	3,910,601	11	0	0	no	TE
at_locus.00111	1	3,933,175	3,933,444	20	2	1	yes	
at_locus.00112	1	3,961,366	3,961,450	13	35	29	yes	
at_locus.00113	1	3,980,049	3,980,409	6	0	0	yes	
at_locus.00114	1	4,007,236	4,007,300	2	5	0	no	
at_locus.00116	1	4,068,762	4,069,206	39	0	17	yes	

at_locus.00117	1	4,093,262	4,093,697	20	0	1	yes	TE
at_locus.00118	1	4,094,202	4,094,361	22	1	1	yes	TE
at_locus.00119	1	4,110,095	4,111,053	30	2	2	yes	TE
at_locus.00120	1	4,111,112	4,111,282	0	0	4	no	TE
at_locus.00121	1	4,111,487	4,111,536	2	0	0	no	TE
at_locus.00122	1	4,111,932	4,112,970	12	1	6	yes	TE
at_locus.00123	1	4,182,121	4,182,309	3	6	1	yes	
at_locus.00124	1	4,293,107	4,293,391	1	2	5	yes	
at_locus.00125	1	4,312,395	4,312,650	4	0	0	yes	
at_locus.00126	1	4,355,005	4,355,225	3	6	0	yes	
at_locus.00127	1	4,406,019	4,406,898	30	3	18	yes	TE
at_locus.00128	1	4,407,281	4,408,926	64	0	21	yes	TE
at_locus.00129	1	4,409,237	4,409,754	12	1	5	yes	TE
at_locus.00130	1	4,410,298	4,411,099	50	3	7	no	TE
at_locus.00131	1	4,505,547	4,505,612	4	0	0	yes	
at_locus.00132	1	4,505,868	4,507,416	296	4	211	yes	TE
at_locus.00133	1	4,525,158	4,525,458	4	0	0	yes	
at_locus.00134	1	4,583,277	4,583,448	14	0	0	yes	TE
at_locus.00135	1	4,619,129	4,619,710	53	0	21	yes	
at_locus.00136	1	4,620,025	4,621,050	28	0	26	yes	
at_locus.00137	1	4,685,982	4,686,013	4	0	0	no	
at_locus.00138	1	4,708,309	4,708,513	4	0	1	yes	
at_locus.00139	1	4,720,162	4,720,589	106	4	2	yes	
at_locus.00140	1	4,720,942	4,721,338	18	0	0	yes	
at_locus.00143	1	4,770,114	4,770,614	26	1	1	yes	TE
at_locus.00144	1	4,785,458	4,785,500	9	0	0	no	TE
at_locus.00145	1	4,786,433	4,786,581	32	0	0	no	TE
at_locus.00146	1	4,786,954	4,787,123	13	0	0	yes	TE
at_locus.00147	1	4,842,288	4,842,440	0	7	8	no	
at_locus.00148	1	4,860,324	4,860,515	12	0	0	yes	
at_locus.00149	1	4,896,496	4,896,670	11	1	0	yes	
at_locus.00150	1	4,966,587	4,966,691	4	0	0	yes	TE
at_locus.00151	1	5,056,021	5,056,238	6	1	1	yes	
at_locus.00152	1	5,098,407	5,098,919	5	1	0	yes	TE
at_locus.00153	1	5,099,139	5,099,462	8	0	5	no	
at_locus.00154	1	5,100,544	5,100,941	8	0	4	yes	TE
at_locus.00155	1	5,101,308	5,101,334	0	0	4	no	

at_locus.00156	1	5,101,928	5,102,119	9	1	1	yes	
at_locus.00157	1	5,285,118	5,285,390	6	2	0	yes	
at_locus.00158	1	5,297,879	5,298,167	4	76	18	yes	
at_locus.00159	1	5,356,867	5,357,082	4	0	0	yes	
at_locus.00160	1	5,391,434	5,391,569	12	0	0	yes	TE
at_locus.00161	1	5,395,397	5,395,678	5	0	9	yes	
at_locus.00162	1	5,400,095	5,400,137	2	4	0	yes	
at_locus.00163	1	5,531,292	5,531,879	9	0	0	yes	TE
at_locus.00164	1	5,657,361	5,657,558	5	0	1	no	TE
at_locus.00165	1	5,679,302	5,679,398	5	0	1	no	TE
at_locus.00166	1	5,681,695	5,681,741	10	0	0	no	TE
at_locus.00167	1	5,699,972	5,700,341	23	0	1	no	
at_locus.00168	1	5,700,604	5,700,697	8	0	2	no	
at_locus.00169	1	5,700,914	5,701,251	8	0	0	no	TE
at_locus.00170	1	5,701,469	5,701,729	23	0	2	yes	
at_locus.00171	1	5,701,952	5,702,051	5	0	0	no	
at_locus.00172	1	5,758,395	5,758,575	0	15	11	yes	
at_locus.00173	1	5,799,026	5,799,497	31	1	1	yes	TE
at_locus.00174	1	5,807,085	5,807,460	5	0	1	yes	
at_locus.00175	1	5,808,043	5,808,335	13	1	2	yes	
at_locus.00176	1	5,813,211	5,813,388	10	1	1	no	
at_locus.00177	1	5,867,024	5,867,108	5	0	0	yes	
at_locus.00178	1	5,899,162	5,899,833	65	0	1	yes	TE
at_locus.00179	1	5,958,839	5,958,906	4	0	0	no	TE
at_locus.00180	1	5,965,471	5,965,728	7	0	0	yes	TE
at_locus.00181	1	5,966,942	5,966,980	5	0	0	yes	TE
at_locus.00182	1	5,970,781	5,972,817	200	6	170	yes	
at_locus.00183	1	5,974,910	5,975,051	10	1	0	yes	
at_locus.00184	1	5,999,207	5,999,332	0	3	0	no	TE
at_locus.00185	1	6,010,746	6,010,763	1	0	4	yes	TE
at_locus.00186	1	6,050,415	6,050,430	0	0	6	no	
at_locus.00187	1	6,124,276	6,124,351	21	0	0	no	
at_locus.00188	1	6,156,427	6,157,084	25	0	1	yes	TE
at_locus.00189	1	6,157,313	6,157,952	11	1	13	yes	TE
at_locus.00190	1	6,158,357	6,158,759	6	0	1	yes	TE
at_locus.00191	1	6,191,398	6,191,448	4	0	0	no	
at_locus.00192	1	6,197,237	6,197,804	7	0	0	yes	

at_locus.00193	1	6,210,902	6,211,163	5	0	0	no	TE
at_locus.00194	1	6,211,458	6,211,961	4	0	4	yes	
at_locus.00195	1	6,218,683	6,219,131	18	0	1	yes	TE
at_locus.00196	1	6,220,644	6,220,828	87	762	172	yes	
at_locus.00197	1	6,233,951	6,234,252	4	0	0	yes	TE
at_locus.00198	1	6,234,991	6,235,078	6	0	1	no	TE
at_locus.00199	1	6,235,818	6,236,088	10	0	4	yes	
at_locus.00200	1	6,236,555	6,237,010	7	0	8	yes	TE
at_locus.00201	1	6,237,310	6,237,378	3	0	1	no	TE
at_locus.00202	1	6,237,626	6,237,664	13	0	1	no	TE
at_locus.00203	1	6,273,641	6,273,687	10	0	0	no	TE
at_locus.00204	1	6,275,983	6,276,286	6	0	1	no	TE
at_locus.00205	1	6,302,721	6,303,022	6	0	4	no	TE
at_locus.00206	1	6,379,364	6,379,790	12	1	5	yes	
at_locus.00207	1	6,403,420	6,403,649	6	0	0	no	TE
at_locus.00208	1	6,454,747	6,454,849	6	0	0	no	TE
at_locus.00209	1	6,465,921	6,466,177	2	4	10	yes	
at_locus.00210	1	6,470,411	6,470,479	7	0	1	yes	TE
at_locus.00211	1	6,514,469	6,514,555	6	0	0	no	TE
at_locus.00212	1	6,538,410	6,539,226	70	3	11	no	TE
at_locus.00213	1	6,539,766	6,540,235	15	0	7	no	TE
at_locus.00214	1	6,540,507	6,541,628	18	0	10	no	TE
at_locus.00215	1	6,541,837	6,542,159	37	0	2	yes	TE
at_locus.00216	1	6,542,555	6,543,526	59	3	22	no	TE
at_locus.00217	1	6,575,073	6,575,268	11	0	2	yes	
at_locus.00218	1	6,589,364	6,589,916	2	0	5	yes	
at_locus.00219	1	6,593,424	6,593,560	3	0	0	no	
at_locus.00220	1	6,695,452	6,695,557	26	54	16	yes	
at_locus.00221	1	6,704,188	6,704,931	61	1	10	yes	TE
at_locus.00222	1	6,705,561	6,706,048	12	0	4	no	TE
at_locus.00223	1	6,706,742	6,708,044	52	0	18	no	TE
at_locus.00224	1	6,708,503	6,709,302	63	1	16	yes	TE
at_locus.00225	1	6,715,248	6,715,621	5	0	0	yes	
at_locus.00226	1	6,722,884	6,723,081	6	0	0	no	
at_locus.00227	1	6,736,563	6,736,855	7	2	1	no	TE
at_locus.00228	1	6,756,754	6,756,808	5	0	3	no	
at_locus.00229	1	6,906,184	6,906,412	16	2	1	yes	

at_locus.00230	1	6,947,577	6,947,768	12	0	1	yes	
at_locus.00231	1	6,948,300	6,948,511	17	0	1	yes	
at_locus.00232	1	7,026,365	7,027,191	25	0	1	yes	
at_locus.00233	1	7,035,181	7,035,266	8	0	0	no	TE
at_locus.00234	1	7,035,987	7,037,278	71	6	0	no	TE
at_locus.00235	1	7,052,011	7,052,045	4	0	0	no	
at_locus.00236	1	7,058,196	7,058,289	12	44	8	yes	
at_locus.00237	1	7,065,430	7,065,478	5	0	1	no	
at_locus.00238	1	7,075,391	7,075,439	5	0	1	no	
at_locus.00239	1	7,085,134	7,085,169	1	4	0	yes	
at_locus.00240	1	7,138,781	7,138,911	7	0	0	yes	
at_locus.00241	1	7,241,122	7,241,491	22	0	0	yes	
at_locus.00242	1	7,251,943	7,251,973	10	0	0	yes	
at_locus.00243	1	7,255,420	7,255,817	4	0	4	no	TE
at_locus.00244	1	7,256,655	7,257,196	9	0	1	no	TE
at_locus.00245	1	7,281,807	7,281,843	9	0	0	yes	TE
at_locus.00246	1	7,282,816	7,283,851	30	0	2	no	TE
at_locus.00247	1	7,353,579	7,353,762	5	0	2	no	TE
at_locus.00248	1	7,354,027	7,354,342	5	0	0	no	TE
at_locus.00249	1	7,354,610	7,354,938	4	0	0	no	TE
at_locus.00250	1	7,356,508	7,357,268	18	0	5	no	TE
at_locus.00251	1	7,357,793	7,358,409	7	0	5	no	TE
at_locus.00252	1	7,359,200	7,359,610	1	1	5	no	TE
at_locus.00253	1	7,360,003	7,360,641	1	0	8	no	TE
at_locus.00254	1	7,362,132	7,362,868	8	0	10	no	TE
at_locus.00255	1	7,364,312	7,364,616	4	0	4	no	TE
at_locus.00256	1	7,364,881	7,365,188	13	0	1	no	TE
at_locus.00257	1	7,365,716	7,365,969	11	0	0	yes	
at_locus.00258	1	7,392,273	7,392,423	5	2	1	yes	TE
at_locus.00259	1	7,393,097	7,393,349	10	0	0	yes	TE
at_locus.00260	1	7,423,512	7,423,594	2	0	1	no	
at_locus.00261	1	7,431,379	7,431,745	4	0	0	yes	
at_locus.00262	1	7,505,143	7,505,322	7	0	2	yes	
at_locus.00263	1	7,522,023	7,522,378	17	0	4	yes	
at_locus.00264	1	7,710,359	7,710,734	2	0	14	yes	
at_locus.00265	1	7,711,095	7,711,359	3	0	6	yes	
at_locus.00266	1	7,712,141	7,712,362	3	1	12	yes	

at_locus.00267	1	7,714,767	7,715,097	53	0	1	no	TE
at_locus.00268	1	7,717,439	7,717,747	20	0	1	no	TE
at_locus.00269	1	7,718,512	7,718,557	0	0	6	no	TE
at_locus.00270	1	7,719,721	7,719,989	4	0	1	no	TE
at_locus.00271	1	7,720,471	7,720,614	2	0	4	no	TE
at_locus.00272	1	7,721,830	7,722,499	56	0	2	no	TE
at_locus.00273	1	7,725,313	7,725,494	29	1	3	yes	TE
at_locus.00274	1	7,747,796	7,748,251	1	0	4	yes	
at_locus.00275	1	7,761,250	7,761,367	4	0	1	no	TE
at_locus.00276	1	7,761,573	7,762,083	22	2	1	no	TE
at_locus.00277	1	7,766,493	7,766,542	5	0	0	yes	TE
at_locus.00278	1	7,787,140	7,787,615	29	0	36	yes	
at_locus.00279	1	7,808,648	7,809,042	15	0	0	yes	
at_locus.00280	1	7,810,141	7,810,298	4	0	0	yes	
at_locus.00281	1	7,960,242	7,961,127	28	0	12	no	TE
at_locus.00282	1	7,985,147	7,985,678	44	0	4	no	TE
at_locus.00283	1	7,986,259	7,986,400	15	0	0	no	TE
at_locus.00284	1	8,016,446	8,016,572	8	0	1	no	
at_locus.00285	1	8,053,118	8,053,355	9	0	9	yes	TE
at_locus.00286	1	8,053,692	8,053,834	11	0	12	yes	
at_locus.00287	1	8,114,759	8,114,844	16	0	0	no	TE
at_locus.00288	1	8,115,475	8,115,763	7	0	0	yes	TE
at_locus.00289	1	8,115,984	8,116,299	35	3	1	no	TE
at_locus.00290	1	8,116,536	8,116,608	12	0	0	no	TE
at_locus.00291	1	8,154,194	8,154,228	7	0	0	yes	
at_locus.00292	1	8,160,519	8,160,835	8	0	1	yes	TE
at_locus.00293	1	8,169,868	8,169,949	6	0	0	no	TE
at_locus.00294	1	8,189,952	8,190,125	11	0	0	no	TE
at_locus.00295	1	8,190,407	8,190,449	7	0	0	no	TE
at_locus.00296	1	8,205,206	8,205,375	4	0	0	no	
at_locus.00297	1	8,237,773	8,238,308	9	0	2	yes	
at_locus.00298	1	8,238,678	8,239,731	15	0	15	no	TE
at_locus.00299	1	8,252,573	8,252,605	4	0	0	yes	
at_locus.00300	1	8,254,787	8,254,874	4	0	0	yes	
at_locus.00301	1	8,267,141	8,267,503	46	1	1	no	TE
at_locus.00302	1	8,272,495	8,272,647	6	0	0	yes	
at_locus.00303	1	8,276,503	8,276,833	11	0	0	yes	TE



at_locus.00304	1	8,276,994	8,277,599	11	2	5	yes	TE
at_locus.00305	1	8,282,974	8,283,394	8	0	4	yes	
at_locus.00306	1	8,289,749	8,289,993	21	0	0	yes	TE
at_locus.00307	1	8,290,499	8,290,867	41	0	1	no	TE
at_locus.00308	1	8,291,475	8,291,514	7	0	0	no	TE
at_locus.00309	1	8,389,446	8,390,141	4	0	2	yes	
at_locus.00310	1	8,409,048	8,409,327	3	0	4	yes	
at_locus.00311	1	8,453,507	8,453,801	14	0	8	no	TE
at_locus.00312	1	8,454,416	8,454,879	3	0	5	yes	TE
at_locus.00313	1	8,455,296	8,456,319	5	0	8	no	TE
at_locus.00314	1	8,456,742	8,457,272	8	0	6	no	TE
at_locus.00315	1	8,457,676	8,458,046	4	0	8	no	TE
at_locus.00316	1	8,458,524	8,458,656	4	0	3	no	TE
at_locus.00317	1	8,459,401	8,459,524	5	0	0	no	TE
at_locus.00318	1	8,460,013	8,460,318	4	0	0	no	TE
at_locus.00319	1	8,460,328	8,460,794	0	1	7	no	TE
at_locus.00320	1	8,461,176	8,461,525	3	0	5	no	TE
at_locus.00321	1	8,471,960	8,471,984	6	0	0	yes	TE
at_locus.00322	1	8,475,148	8,475,260	4	0	0	yes	TE
at_locus.00323	1	8,489,626	8,489,838	14	0	0	no	TE
at_locus.00324	1	8,490,108	8,490,415	13	0	0	no	TE
at_locus.00325	1	8,513,203	8,513,969	27	0	20	yes	
at_locus.00326	1	8,525,082	8,525,197	2	4	4	yes	
at_locus.00327	1	8,539,603	8,539,750	13	0	0	no	TE
at_locus.00328	1	8,566,582	8,566,602	4	0	0	yes	
at_locus.00329	1	8,577,092	8,577,180	7	0	0	yes	TE
at_locus.00330	1	8,590,774	8,591,329	6	0	9	yes	
at_locus.00331	1	8,622,843	8,622,960	11	0	0	no	TE
at_locus.00332	1	8,646,697	8,647,090	0	0	4	no	
at_locus.00333	1	8,673,719	8,674,394	17	0	1	yes	
at_locus.00334	1	8,708,381	8,708,559	4	0	0	no	
at_locus.00335	1	8,730,843	8,731,074	1	0	5	yes	TE
at_locus.00336	1	8,733,440	8,733,523	5	0	0	yes	
at_locus.00337	1	8,756,414	8,756,437	1	1	5	yes	
at_locus.00338	1	8,764,697	8,764,736	4	0	0	yes	
at_locus.00339	1	8,765,568	8,765,888	19	0	2	no	
at_locus.00340	1	8,766,107	8,766,271	13	0	0	no	

at_locus.00341	1	8,766,530	8,767,473	27	0	20	no	
at_locus.00342	1	8,771,951	8,772,015	0	0	5	no	
at_locus.00343	1	8,772,053	8,773,173	12	0	9	no	
at_locus.00344	1	8,774,049	8,774,620	9	0	2	no	
at_locus.00345	1	8,775,236	8,775,774	6	1	1	no	
at_locus.00346	1	8,778,187	8,779,001	6	0	4	no	TE
at_locus.00347	1	8,779,948	8,780,268	19	0	3	no	
at_locus.00348	1	8,780,487	8,780,651	13	0	0	no	
at_locus.00349	1	8,780,910	8,781,853	27	0	20	no	
at_locus.00350	1	8,786,330	8,786,394	0	0	5	no	
at_locus.00351	1	8,786,432	8,787,552	12	0	9	no	
at_locus.00352	1	8,788,428	8,788,999	9	0	2	no	
at_locus.00353	1	8,789,615	8,790,288	9	1	2	no	TE
at_locus.00354	1	8,791,692	8,792,049	4	0	1	no	TE
at_locus.00355	1	8,792,762	8,793,242	5	0	1	yes	TE
at_locus.00356	1	8,793,639	8,793,993	8	0	7	no	TE
at_locus.00357	1	8,794,220	8,795,181	14	0	6	yes	TE
at_locus.00358	1	8,797,213	8,797,939	15	0	13	no	TE
at_locus.00359	1	8,798,028	8,798,342	8	1	1	yes	TE
at_locus.00360	1	8,800,715	8,801,529	6	0	4	no	TE
at_locus.00361	1	8,802,476	8,802,796	19	0	3	no	
at_locus.00362	1	8,803,015	8,803,179	13	0	0	no	
at_locus.00363	1	8,803,438	8,804,381	27	0	20	no	
at_locus.00364	1	8,808,859	8,808,923	0	0	5	no	
at_locus.00365	1	8,808,961	8,810,081	12	0	9	no	
at_locus.00366	1	8,810,957	8,811,528	9	0	2	no	
at_locus.00367	1	8,812,144	8,812,722	7	1	1	no	
at_locus.00368	1	8,815,093	8,815,907	6	0	4	no	TE
at_locus.00369	1	8,816,854	8,817,174	19	0	3	no	
at_locus.00370	1	8,817,393	8,817,557	13	0	0	no	
at_locus.00371	1	8,817,816	8,818,759	27	0	20	no	
at_locus.00372	1	8,823,237	8,823,301	0	0	5	no	
at_locus.00373	1	8,823,339	8,824,459	12	0	9	no	
at_locus.00374	1	8,825,335	8,825,906	9	0	2	no	
at_locus.00375	1	8,826,522	8,827,100	7	1	1	no	
at_locus.00376	1	8,829,471	8,830,285	6	0	4	no	TE
at_locus.00377	1	8,831,519	8,831,552	17	0	2	no	

at_locus.00378	1	8,831,771	8,831,935	13	0	0	no	
at_locus.00379	1	8,832,194	8,833,137	27	0	20	no	
at_locus.00380	1	8,837,615	8,837,679	0	0	5	no	
at_locus.00381	1	8,869,657	8,869,793	7	1	2	yes	TE
at_locus.00382	1	8,869,968	8,870,167	0	0	4	yes	
at_locus.00383	1	8,870,215	8,870,349	5	1	0	yes	
at_locus.00384	1	9,004,821	9,005,214	28	1	1	no	TE
at_locus.00385	1	9,005,358	9,005,813	5	0	14	no	TE
at_locus.00386	1	9,005,999	9,006,331	5	0	4	no	TE
at_locus.00387	1	9,006,730	9,007,977	8	0	24	no	TE
at_locus.00388	1	9,008,362	9,009,714	16	0	20	no	TE
at_locus.00389	1	9,009,934	9,010,776	7	0	13	no	TE
at_locus.00390	1	9,011,165	9,011,712	8	0	7	no	TE
at_locus.00391	1	9,012,300	9,012,659	4	0	1	yes	TE
at_locus.00392	1	9,013,447	9,013,567	1	0	4	no	TE
at_locus.00393	1	9,013,943	9,014,624	10	0	5	no	TE
at_locus.00394	1	9,014,672	9,015,573	7	1	22	no	TE
at_locus.00395	1	9,018,125	9,018,414	1	1	7	yes	
at_locus.00396	1	9,062,232	9,062,482	5	0	2	no	TE
at_locus.00397	1	9,077,656	9,077,751	5	0	0	yes	TE
at_locus.00398	1	9,082,716	9,082,946	9	0	0	yes	
at_locus.00399	1	9,174,280	9,174,533	13	0	1	yes	
at_locus.00400	1	9,175,614	9,175,837	2	0	4	no	TE
at_locus.00401	1	9,188,662	9,188,861	6	0	0	yes	
at_locus.00402	1	9,205,079	9,205,414	23	0	19	yes	
at_locus.00403	1	9,235,927	9,237,087	18	0	6	yes	TE
at_locus.00404	1	9,304,766	9,305,381	34	1	0	yes	TE
at_locus.00405	1	9,357,871	9,357,982	5	0	0	yes	
at_locus.00406	1	9,370,786	9,370,980	5	0	3	yes	TE
at_locus.00407	1	9,384,182	9,384,296	10	0	0	no	TE
at_locus.00408	1	9,384,991	9,385,018	4	0	0	no	TE
at_locus.00409	1	9,418,020	9,418,264	5	0	0	yes	TE
at_locus.00410	1	9,418,877	9,418,932	5	0	0	yes	TE
at_locus.00411	1	9,550,687	9,550,725	4	0	0	no	TE
at_locus.00412	1	9,564,609	9,565,019	10	0	4	yes	
at_locus.00413	1	9,579,099	9,579,387	4	0	3	yes	
at_locus.00414	1	9,583,302	9,583,617	4	0	1	yes	TE

at_locus.00415	1	9,587,202	9,587,410	6	0	0	yes	TE
at_locus.00416	1	9,629,800	9,630,675	11	0	11	yes	TE
at_locus.00417	1	9,676,488	9,677,571	20	1	28	yes	TE
at_locus.00418	1	9,677,619	9,678,300	10	0	5	no	TE
at_locus.00419	1	9,680,235	9,680,285	2	0	4	no	TE
at_locus.00420	1	9,680,532	9,680,731	1	0	6	yes	TE
at_locus.00421	1	9,680,869	9,681,078	5	0	1	no	TE
at_locus.00422	1	9,681,467	9,681,714	2	0	8	no	TE
at_locus.00423	1	9,682,211	9,682,753	1	0	5	yes	TE
at_locus.00424	1	9,683,103	9,683,427	4	0	4	no	TE
at_locus.00425	1	9,683,740	9,684,384	0	0	7	no	TE
at_locus.00426	1	9,685,608	9,686,376	8	0	17	no	TE
at_locus.00427	1	9,686,675	9,687,787	14	0	13	yes	TE
at_locus.00428	1	9,688,091	9,689,337	8	0	23	no	TE
at_locus.00429	1	9,689,736	9,690,046	4	0	4	no	TE
at_locus.00430	1	9,690,254	9,690,709	5	0	14	no	TE
at_locus.00431	1	9,691,005	9,691,224	25	1	1	no	TE
at_locus.00432	1	9,706,342	9,706,398	5	0	0	yes	
at_locus.00433	1	9,706,667	9,707,123	12	0	1	yes	TE
at_locus.00434	1	9,707,782	9,708,188	13	0	5	yes	
at_locus.00435	1	9,740,815	9,740,872	0	4	0	yes	
at_locus.00436	1	9,754,453	9,754,572	22	0	4	yes	
at_locus.00437	1	9,754,781	9,754,888	20	0	0	yes	
at_locus.00438	1	9,755,101	9,755,211	22	0	4	no	
at_locus.00439	1	9,755,450	9,755,522	11	0	4	yes	
at_locus.00440	1	9,755,737	9,755,847	20	1	4	yes	
at_locus.00441	1	9,756,068	9,756,162	16	0	2	yes	
at_locus.00442	1	9,756,396	9,756,960	21	0	9	yes	
at_locus.00443	1	9,759,840	9,760,117	6	0	3	yes	
at_locus.00444	1	9,762,613	9,762,719	5	0	0	yes	TE
at_locus.00445	1	9,811,788	9,812,008	13	0	0	yes	
at_locus.00446	1	9,812,263	9,812,335	8	0	0	yes	
at_locus.00447	1	9,816,197	9,816,282	14	0	0	no	TE
at_locus.00448	1	9,816,962	9,817,232	8	0	0	no	TE
at_locus.00449	1	9,817,459	9,818,142	61	3	2	no	TE
at_locus.00450	1	9,837,395	9,837,566	5	0	1	no	TE
at_locus.00451	1	9,862,687	9,862,978	16	0	0	no	TE

at_locus.00452	1	9,865,553	9,866,015	21	1	0	no	TE
at_locus.00453	1	9,866,360	9,866,703	9	0	0	no	TE
at_locus.00454	1	9,867,316	9,867,401	16	0	0	no	TE
at_locus.00455	1	9,883,984	9,884,058	13	0	0	yes	
at_locus.00456	1	9,918,442	9,918,686	5	0	0	no	TE
at_locus.00457	1	9,919,238	9,919,317	23	0	1	no	TE
at_locus.00458	1	9,956,725	9,956,854	7	1	0	yes	
at_locus.00459	1	9,958,191	9,958,295	4	0	0	yes	
at_locus.00460	1	10,013,165	10,013,463	8	0	0	yes	
at_locus.00461	1	10,021,402	10,021,613	8	0	0	no	TE
at_locus.00462	1	10,022,831	10,023,505	10	0	43	yes	
at_locus.00463	1	10,062,760	10,062,960	4	0	0	yes	
at_locus.00464	1	10,064,400	10,064,661	8	0	1	yes	
at_locus.00465	1	10,152,712	10,152,924	6	0	0	yes	TE
at_locus.00466	1	10,153,142	10,153,312	4	0	0	yes	TE
at_locus.00467	1	10,153,514	10,154,038	17	0	17	yes	TE
at_locus.00468	1	10,173,206	10,173,289	4	0	0	yes	
at_locus.00469	1	10,196,831	10,197,311	15	0	9	yes	
at_locus.00470	1	10,206,724	10,206,959	4	0	0	yes	TE
at_locus.00472	1	10,300,343	10,301,001	7	13	36	yes	
at_locus.00473	1	10,309,121	10,309,384	0	6	13	no	
at_locus.00474	1	10,347,096	10,347,319	10	0	1	no	TE
at_locus.00475	1	10,347,387	10,347,784	0	0	9	no	TE
at_locus.00476	1	10,347,867	10,348,502	12	0	0	no	TE
at_locus.00477	1	10,383,377	10,383,586	0	0	4	yes	
at_locus.00478	1	10,383,924	10,384,293	8	0	9	yes	
at_locus.00479	1	10,421,497	10,421,652	10	0	1	yes	TE
at_locus.00480	1	10,478,008	10,478,921	1	18	3	yes	
at_locus.00481	1	10,526,168	10,526,555	37	2	4	no	TE
at_locus.00482	1	10,526,937	10,527,185	20	0	0	no	TE
at_locus.00483	1	10,527,933	10,528,767	15	0	14	yes	TE
at_locus.00484	1	10,533,808	10,534,071	4	0	0	yes	TE
at_locus.00485	1	10,579,410	10,579,437	4	0	0	no	TE
at_locus.00486	1	10,579,975	10,580,123	19	0	0	no	TE
at_locus.00487	1	10,591,527	10,591,938	7	1	1	no	TE
at_locus.00488	1	10,659,982	10,660,555	12	1	23	yes	
at_locus.00489	1	10,724,238	10,724,527	2	0	4	no	TE

at_locus.00491	1	10,776,831	10,776,943	5	0	7	yes	
at_locus.00492	1	10,777,199	10,777,222	4	0	0	yes	
at_locus.00493	1	10,777,249	10,777,524	0	0	6	yes	
at_locus.00494	1	10,802,262	10,803,306	28	2	2	yes	TE
at_locus.00495	1	10,814,299	10,814,478	9	0	0	yes	
at_locus.00496	1	10,840,385	10,840,406	0	4	0	no	
at_locus.00497	1	10,853,074	10,853,135	19	0	0	yes	TE
at_locus.00498	1	10,915,797	10,915,863	4	0	1	yes	TE
at_locus.00499	1	10,924,665	10,924,921	16	0	0	yes	
at_locus.00500	1	10,929,408	10,929,592	5	0	0	no	TE
at_locus.00501	1	10,930,640	10,931,452	16	0	1	no	TE
at_locus.00502	1	10,931,810	10,931,985	5	0	0	yes	TE
at_locus.00503	1	11,005,873	11,006,149	4	0	0	no	
at_locus.00504	1	11,020,220	11,020,728	7	0	14	yes	
at_locus.00505	1	11,028,424	11,028,459	1	0	4	yes	
at_locus.00506	1	11,045,354	11,045,496	4	0	0	yes	
at_locus.00507	1	11,048,680	11,049,388	20	0	2	yes	TE
at_locus.00508	1	11,049,650	11,050,745	22	1	24	yes	TE
at_locus.00509	1	11,050,944	11,051,434	5	0	0	yes	TE
at_locus.00510	1	11,083,083	11,083,153	8	0	0	yes	
at_locus.00511	1	11,117,559	11,117,626	5	0	0	yes	
at_locus.00512	1	11,126,391	11,127,210	15	0	10	yes	TE
at_locus.00513	1	11,128,991	11,129,218	17	0	0	yes	
at_locus.00514	1	11,132,675	11,132,790	7	0	0	yes	TE
at_locus.00515	1	11,137,537	11,137,558	28	141	79	yes	
at_locus.00516	1	11,139,691	11,140,202	96	3	51	yes	
at_locus.00517	1	11,148,183	11,148,358	12	0	0	no	
at_locus.00518	1	11,150,826	11,150,854	5	0	0	no	TE
at_locus.00519	1	11,152,613	11,152,807	17	1	1	no	
at_locus.00520	1	11,174,191	11,174,279	23	0	0	no	TE
at_locus.00521	1	11,174,658	11,174,787	4	0	0	no	TE
at_locus.00522	1	11,185,205	11,185,224	4	34	24	no	
at_locus.00523	1	11,192,381	11,192,400	1	16	13	yes	
at_locus.00524	1	11,204,447	11,204,586	7	0	0	yes	TE
at_locus.00525	1	11,241,655	11,242,032	6	0	2	yes	TE
at_locus.00526	1	11,259,508	11,259,652	4	0	0	yes	
at_locus.00527	1	11,279,837	11,280,204	18	2	3	yes	

at_locus.00528	1	11,284,671	11,284,694	4	0	0	yes	
at_locus.00529	1	11,286,630	11,286,675	12	0	0	no	TE
at_locus.00530	1	11,286,950	11,287,655	57	2	7	no	TE
at_locus.00531	1	11,301,037	11,301,686	5	0	2	no	TE
at_locus.00532	1	11,308,897	11,308,924	1	0	4	yes	TE
at_locus.00533	1	11,315,147	11,315,193	10	0	0	no	TE
at_locus.00534	1	11,319,356	11,319,384	4	0	2	no	
at_locus.00535	1	11,352,294	11,352,358	7	0	0	yes	TE
at_locus.00536	1	11,370,883	11,371,072	12	0	2	yes	
at_locus.00537	1	11,408,064	11,409,305	34	0	6	no	TE
at_locus.00538	1	11,409,705	11,409,821	6	0	1	no	TE
at_locus.00539	1	11,410,112	11,410,174	10	0	1	no	TE
at_locus.00540	1	11,428,207	11,428,290	5	0	0	no	TE
at_locus.00541	1	11,440,844	11,441,394	22	0	10	yes	
at_locus.00542	1	11,521,897	11,522,363	6	0	0	yes	TE
at_locus.00543	1	11,525,924	11,526,168	1	0	6	yes	TE
at_locus.00544	1	11,550,962	11,551,005	8	0	0	yes	
at_locus.00545	1	11,585,738	11,585,923	0	0	4	yes	
at_locus.00546	1	11,585,925	11,586,235	15	0	0	yes	
at_locus.00547	1	11,609,956	11,610,033	8	0	0	no	
at_locus.00548	1	11,610,238	11,610,542	1	0	6	yes	
at_locus.00549	1	11,618,461	11,618,893	33	0	11	yes	
at_locus.00550	1	11,619,109	11,619,597	236	2	358	yes	
at_locus.00551	1	11,620,596	11,620,764	5	1	0	yes	
at_locus.00552	1	11,637,055	11,637,120	5	0	0	yes	
at_locus.00553	1	11,644,153	11,644,345	10	0	0	yes	
at_locus.00554	1	11,661,133	11,661,183	8	0	0	yes	
at_locus.00555	1	11,661,395	11,661,449	7	0	0	yes	
at_locus.00556	1	11,661,770	11,662,277	12	0	2	yes	
at_locus.00557	1	11,669,436	11,669,552	16	0	0	no	TE
at_locus.00558	1	11,700,393	11,701,709	68	3	1	no	TE
at_locus.00559	1	11,703,993	11,704,114	16	0	0	no	TE
at_locus.00560	1	11,704,390	11,704,983	6	0	4	no	TE
at_locus.00561	1	11,706,550	11,706,599	6	0	0	no	TE
at_locus.00562	1	11,706,863	11,707,011	5	0	1	no	TE
at_locus.00563	1	11,707,411	11,707,816	4	0	6	no	TE
at_locus.00564	1	11,707,878	11,708,592	15	0	1	no	TE

at_locus.00565	1	11,721,050	11,721,393	4	0	0	yes	TE
at_locus.00566	1	11,732,367	11,732,800	10	0	2	yes	TE
at_locus.00567	1	11,735,832	11,736,134	20	0	1	no	TE
at_locus.00568	1	11,736,352	11,736,656	9	0	0	no	TE
at_locus.00569	1	11,737,288	11,737,373	10	0	0	no	TE
at_locus.00570	1	11,740,670	11,740,734	50	0	0	yes	
at_locus.00571	1	11,753,135	11,753,728	6	1	14	no	TE
at_locus.00572	1	11,754,735	11,754,768	9	0	1	no	TE
at_locus.00573	1	11,785,926	11,785,948	5	7	9	no	
at_locus.00574	1	11,789,516	11,789,701	8	0	1	no	TE
at_locus.00575	1	11,793,871	11,794,056	8	0	1	no	TE
at_locus.00576	1	11,822,272	11,822,413	11	0	0	yes	
at_locus.00577	1	11,834,629	11,834,852	11	0	2	no	TE
at_locus.00578	1	11,834,986	11,835,317	0	0	7	no	TE
at_locus.00579	1	11,835,400	11,836,035	10	0	1	yes	TE
at_locus.00580	1	11,871,428	11,871,458	4	0	0	yes	
at_locus.00581	1	11,880,037	11,880,280	12	1	11	yes	
at_locus.00582	1	11,880,450	11,880,790	4	0	2	yes	
at_locus.00583	1	11,887,187	11,887,599	8	0	3	no	TE
at_locus.00584	1	11,891,446	11,891,475	1	0	4	no	TE
at_locus.00585	1	11,891,952	11,892,149	5	0	1	no	TE
at_locus.00586	1	11,893,279	11,893,372	1	0	5	no	TE
at_locus.00587	1	11,895,763	11,895,902	7	0	0	no	TE
at_locus.00588	1	11,897,025	11,897,485	9	0	6	no	TE
at_locus.00589	1	11,898,318	11,898,835	5	0	2	no	TE
at_locus.00590	1	11,900,152	11,900,280	5	0	4	no	TE
at_locus.00591	1	11,900,827	11,901,617	47	0	23	no	TE
at_locus.00592	1	11,953,531	11,953,676	15	0	0	yes	
at_locus.00593	1	11,957,467	11,957,689	0	5	1	yes	
at_locus.00594	1	11,957,920	11,958,940	20	0	3	yes	TE
at_locus.00595	1	11,960,662	11,960,963	4	0	1	yes	TE
at_locus.00596	1	11,982,714	11,983,345	54	0	19	yes	TE
at_locus.00597	1	11,984,311	11,985,107	41	0	3	yes	
at_locus.00598	1	11,987,808	11,987,843	4	0	0	no	TE
at_locus.00599	1	12,016,489	12,017,032	1	0	6	yes	TE
at_locus.00600	1	12,034,222	12,034,384	5	0	3	yes	
at_locus.00601	1	12,035,792	12,036,652	14	2	47	yes	



at_locus.00602	1	12,037,132	12,037,936	5	0	18	yes	
at_locus.00603	1	12,077,602	12,077,659	0	0	4	yes	
at_locus.00604	1	12,078,139	12,078,255	7	2	1	no	
at_locus.00605	1	12,078,566	12,079,117	1	0	4	yes	
at_locus.00606	1	12,080,586	12,080,906	36	1	2	yes	TE
at_locus.00607	1	12,083,832	12,084,037	10	0	12	yes	
at_locus.00609	1	12,137,433	12,137,778	10	0	0	yes	TE
at_locus.00610	1	12,138,854	12,139,190	14	0	2	no	TE
at_locus.00611	1	12,139,780	12,139,912	4	0	0	no	TE
at_locus.00612	1	12,142,420	12,143,180	17	0	5	yes	TE
at_locus.00613	1	12,166,719	12,167,005	4	0	1	yes	TE
at_locus.00614	1	12,176,530	12,176,869	1	0	4	yes	TE
at_locus.00615	1	12,183,707	12,183,969	7	0	1	yes	TE
at_locus.00616	1	12,186,767	12,187,351	11	0	11	yes	
at_locus.00617	1	12,218,713	12,218,900	4	0	0	yes	
at_locus.00618	1	12,240,397	12,240,894	28	0	0	yes	TE
at_locus.00619	1	12,247,542	12,247,976	25	0	18	yes	
at_locus.00620	1	12,249,044	12,249,462	5	0	0	yes	
at_locus.00621	1	12,263,023	12,263,668	18	0	20	yes	TE
at_locus.00622	1	12,277,489	12,277,541	10	1	0	yes	
at_locus.00623	1	12,286,641	12,287,202	14	0	5	yes	TE
at_locus.00624	1	12,293,705	12,293,732	1	8	10	no	
at_locus.00625	1	12,294,315	12,294,515	0	1	4	yes	
at_locus.00626	1	12,294,736	12,294,763	5	34	8	no	
at_locus.00627	1	12,303,077	12,303,198	5	0	0	yes	
at_locus.00628	1	12,328,148	12,328,777	54	0	1	no	TE
at_locus.00629	1	12,329,029	12,329,371	8	2	0	no	TE
at_locus.00630	1	12,329,948	12,330,033	11	0	0	no	TE
at_locus.00631	1	12,333,947	12,333,985	4	0	0	no	TE
at_locus.00632	1	12,336,765	12,337,784	11	0	16	yes	TE
at_locus.00633	1	12,338,695	12,338,871	6	0	4	yes	
at_locus.00634	1	12,363,073	12,363,805	17	0	12	yes	TE
at_locus.00635	1	12,364,115	12,364,190	8	0	0	no	TE
at_locus.00636	1	12,364,823	12,365,844	47	2	2	no	TE
at_locus.00637	1	12,376,661	12,376,829	5	34	10	yes	
at_locus.00638	1	12,379,908	12,379,990	0	0	4	yes	
at_locus.00639	1	12,387,506	12,387,567	5	0	0	yes	

at_locus.00640	1	12,389,770	12,390,030	4	0	0	yes	TE
at_locus.00641	1	12,457,662	12,458,134	5	0	1	no	TE
at_locus.00642	1	12,467,738	12,468,346	8	0	12	yes	
at_locus.00643	1	12,470,279	12,471,226	12	1	42	yes	TE
at_locus.00644	1	12,483,162	12,483,373	7	0	0	yes	TE
at_locus.00645	1	12,510,934	12,511,541	5	1	9	yes	
at_locus.00646	1	12,514,620	12,514,964	8	0	2	no	TE
at_locus.00647	1	12,517,266	12,517,491	10	0	0	yes	TE
at_locus.00648	1	12,525,567	12,525,636	19	0	0	no	TE
at_locus.00649	1	12,526,483	12,526,715	5	0	1	no	TE
at_locus.00650	1	12,555,985	12,556,416	11	0	11	yes	
at_locus.00651	1	12,562,209	12,562,630	16	0	1	no	TE
at_locus.00652	1	12,562,862	12,563,755	32	2	0	no	TE
at_locus.00653	1	12,563,974	12,564,051	10	0	0	no	TE
at_locus.00654	1	12,566,265	12,566,569	14	0	5	no	TE
at_locus.00655	1	12,566,897	12,567,471	5	0	8	yes	TE
at_locus.00656	1	12,568,769	12,568,935	0	0	4	yes	
at_locus.00657	1	12,572,713	12,572,898	3	0	4	yes	TE
at_locus.00658	1	12,573,785	12,573,846	4	0	0	no	
at_locus.00659	1	12,576,297	12,576,411	6	1	4	yes	
at_locus.00660	1	12,576,912	12,577,136	4	0	2	yes	
at_locus.00661	1	12,577,657	12,578,348	13	0	13	yes	
at_locus.00662	1	12,591,092	12,591,467	9	0	0	no	
at_locus.00663	1	12,593,040	12,593,318	6	2	6	no	TE
at_locus.00664	1	12,618,498	12,618,678	8	0	0	yes	TE
at_locus.00665	1	12,619,476	12,619,500	4	0	0	no	TE
at_locus.00666	1	12,627,207	12,627,309	2	0	0	no	TE
at_locus.00667	1	12,646,040	12,646,108	8	0	0	yes	TE
at_locus.00668	1	12,651,184	12,651,216	5	0	3	yes	
at_locus.00669	1	12,662,752	12,662,815	4	0	0	yes	TE
at_locus.00670	1	12,681,280	12,681,470	0	0	4	no	TE
at_locus.00671	1	12,684,287	12,684,581	7	0	5	no	TE
at_locus.00672	1	12,691,397	12,691,646	13	0	0	yes	TE
at_locus.00673	1	12,692,449	12,692,587	4	1	1	yes	TE
at_locus.00674	1	12,713,464	12,713,705	9	0	0	no	TE
at_locus.00675	1	12,714,001	12,714,456	5	0	14	no	TE
at_locus.00676	1	12,714,642	12,714,974	5	0	4	no	TE

at_locus.00677	1	12,715,373	12,716,620	7	0	22	no	TE
at_locus.00678	1	12,717,086	12,719,082	22	0	29	no	TE
at_locus.00679	1	12,720,461	12,720,653	0	0	4	no	TE
at_locus.00680	1	12,720,930	12,721,332	3	0	6	no	TE
at_locus.00681	1	12,721,646	12,722,098	5	1	5	no	TE
at_locus.00682	1	12,723,457	12,723,531	2	0	5	no	TE
at_locus.00683	1	12,724,093	12,724,649	8	0	7	no	TE
at_locus.00684	1	12,724,895	12,724,945	2	0	4	no	TE
at_locus.00685	1	12,726,401	12,726,521	1	0	4	no	TE
at_locus.00686	1	12,726,913	12,727,578	10	0	4	no	TE
at_locus.00687	1	12,727,626	12,728,966	210	5	97	yes	TE
at_locus.00688	1	12,729,588	12,730,564	20	1	31	yes	TE
at_locus.00689	1	12,732,432	12,733,201	11	1	19	yes	TE
at_locus.00690	1	12,733,399	12,734,574	10	2	16	yes	TE
at_locus.00691	1	12,741,116	12,742,120	25	0	12	yes	
at_locus.00692	1	12,742,790	12,742,995	26	0	24	yes	
at_locus.00693	1	12,768,309	12,768,543	14	3	5	no	
at_locus.00694	1	12,771,720	12,771,954	14	3	5	no	
at_locus.00695	1	12,775,287	12,775,368	10	1	4	no	
at_locus.00696	1	12,778,548	12,778,782	14	3	5	no	
at_locus.00697	1	12,781,963	12,782,197	14	3	5	no	
at_locus.00698	1	12,785,373	12,785,607	14	3	5	no	
at_locus.00699	1	12,788,940	12,789,021	10	1	4	no	
at_locus.00700	1	12,792,201	12,792,435	14	3	5	no	
at_locus.00701	1	12,795,616	12,795,850	14	3	5	no	
at_locus.00702	1	12,798,940	12,799,174	14	3	5	no	
at_locus.00703	1	12,802,455	12,802,482	10	0	3	no	
at_locus.00704	1	12,805,869	12,805,896	10	0	3	no	
at_locus.00705	1	12,809,279	12,809,308	11	0	2	no	
at_locus.00706	1	12,813,595	12,813,762	7	0	1	yes	
at_locus.00707	1	12,814,901	12,814,931	0	0	4	no	TE
at_locus.00708	1	12,818,246	12,818,615	7	0	4	yes	TE
at_locus.00709	1	12,820,120	12,821,241	15	1	15	no	TE
at_locus.00710	1	12,823,487	12,823,750	6	0	2	no	TE
at_locus.00711	1	12,824,454	12,825,041	7	0	4	no	TE
at_locus.00712	1	12,830,548	12,830,905	4	0	1	no	TE
at_locus.00713	1	12,831,132	12,831,486	8	0	7	no	TE

at_locus.00714	1	12,833,314	12,833,394	4	0	0	no	TE
at_locus.00715	1	12,833,419	12,833,655	0	0	4	no	TE
at_locus.00716	1	12,839,262	12,839,560	4	0	1	no	TE
at_locus.00717	1	12,846,275	12,846,593	7	0	0	yes	TE
at_locus.00718	1	12,851,344	12,851,367	8	0	0	yes	
at_locus.00719	1	12,854,205	12,854,416	7	0	1	no	TE
at_locus.00720	1	12,854,796	12,855,413	13	2	1	no	TE
at_locus.00721	1	12,855,755	12,855,994	15	0	0	yes	TE
at_locus.00722	1	12,861,588	12,862,024	5	0	8	yes	TE
at_locus.00723	1	12,865,585	12,866,202	10	0	16	yes	
at_locus.00724	1	12,874,267	12,874,304	9	0	0	no	TE
at_locus.00725	1	12,875,487	12,875,517	4	0	0	no	TE
at_locus.00726	1	12,876,282	12,876,906	60	0	0	no	TE
at_locus.00727	1	12,896,316	12,896,453	4	0	0	yes	TE
at_locus.00728	1	12,899,587	12,900,451	19	1	29	yes	TE
at_locus.00729	1	12,900,867	12,901,144	15	0	13	yes	
at_locus.00730	1	12,901,549	12,902,488	29	3	33	yes	
at_locus.00731	1	12,902,934	12,903,158	5	0	6	yes	
at_locus.00732	1	12,905,353	12,905,771	1	0	5	yes	
at_locus.00733	1	12,906,155	12,907,113	17	1	16	yes	TE
at_locus.00734	1	12,907,693	12,908,022	5	0	2	yes	TE
at_locus.00735	1	12,929,876	12,930,587	13	1	16	yes	
at_locus.00736	1	12,944,226	12,944,253	1	0	4	no	TE
at_locus.00737	1	12,952,039	12,952,276	2	0	4	yes	TE
at_locus.00738	1	12,952,833	12,952,856	5	0	0	no	TE
at_locus.00739	1	12,959,793	12,959,856	7	0	0	no	TE
at_locus.00740	1	12,976,731	12,977,096	7	0	1	yes	
at_locus.00741	1	12,992,976	12,993,221	9	0	0	yes	TE
at_locus.00742	1	12,993,485	12,993,571	20	0	1	no	TE
at_locus.00743	1	12,994,583	12,994,607	8	0	1	no	
at_locus.00744	1	13,015,831	13,017,121	46	2	1	no	TE
at_locus.00745	1	13,022,176	13,022,606	1	0	4	yes	
at_locus.00746	1	13,028,054	13,028,391	0	0	4	yes	
at_locus.00747	1	13,039,449	13,039,473	6	0	0	yes	TE
at_locus.00748	1	13,042,713	13,043,077	4	0	1	yes	
at_locus.00749	1	13,043,332	13,043,384	11	0	0	yes	
at_locus.00750	1	13,050,010	13,050,079	5	0	0	yes	TE

at_locus.00751	1	13,055,685	13,056,359	8	0	13	yes	TE
at_locus.00752	1	13,057,189	13,057,440	5	0	1	yes	TE
at_locus.00753	1	13,057,645	13,057,764	5	0	1	no	TE
at_locus.00754	1	13,058,847	13,058,886	7	0	0	no	TE
at_locus.00755	1	13,059,493	13,059,805	10	0	0	no	TE
at_locus.00756	1	13,060,081	13,060,754	44	3	0	no	TE
at_locus.00757	1	13,065,137	13,065,188	6	0	0	yes	TE
at_locus.00758	1	13,066,608	13,066,670	4	0	0	yes	
at_locus.00759	1	13,067,291	13,067,312	1	5	1	yes	
at_locus.00760	1	13,075,791	13,075,851	5	0	0	yes	
at_locus.00761	1	13,085,199	13,085,894	9	2	11	yes	
at_locus.00762	1	13,086,265	13,086,610	3	0	4	yes	
at_locus.00763	1	13,087,361	13,087,538	48	0	3	yes	TE
at_locus.00764	1	13,088,190	13,088,359	15	0	0	no	TE
at_locus.00765	1	13,107,789	13,107,970	4	0	1	yes	
at_locus.00766	1	13,108,569	13,108,852	4	0	10	no	
at_locus.00767	1	13,109,468	13,109,601	0	0	4	yes	
at_locus.00768	1	13,131,600	13,132,119	2	0	4	no	TE
at_locus.00769	1	13,132,782	13,133,329	7	0	3	no	TE
at_locus.00770	1	13,134,116	13,134,212	0	0	5	no	TE
at_locus.00771	1	13,134,586	13,134,847	4	0	2	no	TE
at_locus.00772	1	13,135,137	13,135,348	4	0	1	no	TE
at_locus.00773	1	13,136,511	13,137,251	5	0	6	no	TE
at_locus.00774	1	13,137,475	13,137,913	0	0	4	no	TE
at_locus.00775	1	13,138,148	13,138,977	10	0	9	yes	TE
at_locus.00776	1	13,148,292	13,148,383	5	0	0	yes	
at_locus.00777	1	13,166,245	13,167,257	78	1	2	no	TE
at_locus.00778	1	13,171,114	13,171,335	7	0	3	yes	
at_locus.00779	1	13,172,957	13,173,207	7	0	1	yes	TE
at_locus.00780	1	13,173,472	13,173,776	2	0	4	no	TE
at_locus.00781	1	13,174,745	13,175,226	7	0	4	yes	TE
at_locus.00782	1	13,176,973	13,177,682	1	0	9	no	TE
at_locus.00783	1	13,178,075	13,178,686	1	1	5	no	TE
at_locus.00784	1	13,181,217	13,181,443	4	0	0	no	TE
at_locus.00785	1	13,199,460	13,199,768	4	0	4	yes	TE
at_locus.00786	1	13,202,699	13,202,887	6	0	8	yes	
at_locus.00787	1	13,216,473	13,217,044	19	0	4	yes	TE

at_locus.00788	1	13,221,210	13,221,250	4	0	1	yes	
at_locus.00789	1	13,231,933	13,232,136	24	0	5	yes	
at_locus.00790	1	13,233,246	13,234,025	2	0	10	no	TE
at_locus.00791	1	13,236,738	13,236,828	1	0	4	yes	TE
at_locus.00792	1	13,237,325	13,237,746	34	1	4	yes	
at_locus.00793	1	13,238,732	13,238,958	0	0	4	yes	
at_locus.00794	1	13,240,075	13,240,422	4	0	11	yes	
at_locus.00795	1	13,241,299	13,241,704	0	0	5	yes	TE
at_locus.00796	1	13,242,744	13,242,776	4	0	0	no	TE
at_locus.00797	1	13,243,495	13,244,424	19	0	8	yes	
at_locus.00798	1	13,245,152	13,245,513	14	0	14	yes	
at_locus.00799	1	13,248,755	13,248,827	5	0	1	yes	
at_locus.00800	1	13,249,299	13,249,717	4	0	5	no	TE
at_locus.00801	1	13,251,887	13,251,980	4	0	3	yes	
at_locus.00802	1	13,258,142	13,258,460	15	0	1	yes	TE
at_locus.00803	1	13,260,492	13,260,915	5	0	0	yes	
at_locus.00804	1	13,261,902	13,261,927	0	0	4	yes	
at_locus.00805	1	13,263,339	13,263,368	4	0	0	no	TE
at_locus.00806	1	13,295,003	13,295,289	2	0	5	no	TE
at_locus.00807	1	13,295,659	13,295,990	7	0	6	no	TE
at_locus.00808	1	13,299,823	13,300,251	4	0	0	yes	TE
at_locus.00809	1	13,300,988	13,301,042	8	0	0	yes	TE
at_locus.00810	1	13,301,054	13,301,530	0	0	6	yes	TE
at_locus.00811	1	13,302,427	13,302,684	4	0	4	yes	TE
at_locus.00812	1	13,309,327	13,309,831	8	0	4	yes	
at_locus.00813	1	13,314,827	13,314,876	13	0	0	no	TE
at_locus.00814	1	13,342,522	13,342,545	6	0	1	no	
at_locus.00815	1	13,400,187	13,400,399	7	0	2	no	TE
at_locus.00816	1	13,402,304	13,402,571	5	0	7	no	TE
at_locus.00817	1	13,426,254	13,426,311	6	0	0	no	
at_locus.00818	1	13,432,236	13,432,277	5	0	0	no	
at_locus.00819	1	13,437,845	13,438,315	9	0	9	yes	
at_locus.00820	1	13,450,411	13,450,540	4	0	0	yes	
at_locus.00821	1	13,483,972	13,484,230	6	0	2	no	TE
at_locus.00822	1	13,485,067	13,485,577	3	1	8	no	TE
at_locus.00823	1	13,486,224	13,486,460	6	0	1	no	TE
at_locus.00824	1	13,487,482	13,487,748	2	0	7	no	TE

at_locus.00825	1	13,488,148	13,488,881	5	0	5	no	TE
at_locus.00826	1	13,489,349	13,489,819	1	0	5	no	TE
at_locus.00827	1	13,490,237	13,490,685	3	0	5	no	TE
at_locus.00828	1	13,491,322	13,491,800	15	0	5	yes	TE
at_locus.00829	1	13,497,128	13,497,201	5	0	0	no	TE
at_locus.00830	1	13,498,805	13,498,844	5	0	0	yes	TE
at_locus.00831	1	13,508,471	13,509,753	21	1	7	no	TE
at_locus.00832	1	13,510,038	13,510,158	4	0	0	no	TE
at_locus.00833	1	13,510,877	13,511,533	8	0	11	yes	TE
at_locus.00834	1	13,511,641	13,512,119	3	0	7	no	TE
at_locus.00835	1	13,512,564	13,513,500	4	0	9	yes	TE
at_locus.00836	1	13,513,742	13,513,818	1	0	6	yes	TE
at_locus.00837	1	13,514,611	13,515,412	15	1	31	yes	TE
at_locus.00838	1	13,515,823	13,515,855	0	0	6	no	TE
at_locus.00839	1	13,516,153	13,517,377	23	0	13	yes	TE
at_locus.00840	1	13,517,669	13,517,702	4	0	0	no	TE
at_locus.00841	1	13,517,996	13,518,135	5	0	3	no	TE
at_locus.00842	1	13,521,002	13,521,765	9	0	9	yes	TE
at_locus.00843	1	13,524,015	13,524,581	12	1	11	yes	TE
at_locus.00844	1	13,525,583	13,525,899	11	0	22	yes	
at_locus.00845	1	13,526,767	13,527,010	3	0	4	yes	TE
at_locus.00846	1	13,545,885	13,546,014	5	0	0	yes	TE
at_locus.00847	1	13,568,247	13,568,674	19	0	3	yes	TE
at_locus.00848	1	13,568,748	13,571,454	200	3	183	yes	TE
at_locus.00849	1	13,573,579	13,574,193	14	0	3	yes	TE
at_locus.00850	1	13,582,010	13,582,044	2	0	5	no	TE
at_locus.00851	1	13,593,015	13,593,122	4	0	0	yes	TE
at_locus.00852	1	13,594,958	13,595,303	6	0	1	no	TE
at_locus.00853	1	13,623,180	13,623,352	5	0	2	no	TE
at_locus.00854	1	13,625,221	13,625,309	4	0	1	no	TE
at_locus.00855	1	13,640,230	13,640,782	24	1	1	yes	
at_locus.00856	1	13,641,000	13,641,093	6	0	1	no	
at_locus.00857	1	13,641,310	13,641,416	6	0	0	no	TE
at_locus.00858	1	13,645,804	13,646,659	17	3	12	yes	TE
at_locus.00859	1	13,649,430	13,649,652	6	0	7	yes	TE
at_locus.00860	1	13,651,316	13,651,768	1	0	4	yes	TE
at_locus.00861	1	13,651,833	13,651,922	4	0	0	yes	TE

at_locus.00862	1	13,652,300	13,653,283	11	0	24	yes	TE
at_locus.00863	1	13,653,687	13,654,801	13	0	23	no	TE
at_locus.00864	1	13,660,546	13,666,835	155	4	185	yes	TE
at_locus.00865	1	13,667,121	13,667,327	4	0	1	no	TE
at_locus.00866	1	13,667,528	13,668,695	40	2	14	yes	TE
at_locus.00867	1	13,676,788	13,676,815	8	0	0	yes	
at_locus.00868	1	13,688,050	13,688,073	5	0	0	yes	
at_locus.00869	1	13,705,384	13,705,506	5	0	0	no	TE
at_locus.00870	1	13,705,860	13,706,249	2	1	4	no	TE
at_locus.00871	1	13,707,358	13,707,495	6	0	3	no	TE
at_locus.00872	1	13,712,295	13,713,687	27	1	33	no	TE
at_locus.00873	1	13,715,813	13,715,987	0	0	4	yes	TE
at_locus.00874	1	13,737,517	13,737,811	5	0	4	no	TE
at_locus.00875	1	13,742,045	13,742,666	7	0	4	no	TE
at_locus.00876	1	13,770,478	13,770,792	4	0	6	yes	TE
at_locus.00877	1	13,770,990	13,771,210	4	1	5	no	TE
at_locus.00878	1	13,771,601	13,772,026	10	0	6	no	TE
at_locus.00879	1	13,772,609	13,772,840	6	0	5	no	TE
at_locus.00880	1	13,773,287	13,773,549	4	0	0	yes	TE
at_locus.00881	1	13,774,218	13,776,154	54	3	53	no	TE
at_locus.00882	1	13,776,366	13,776,721	11	0	12	no	TE
at_locus.00883	1	13,777,150	13,777,253	5	0	0	no	TE
at_locus.00884	1	13,777,260	13,777,521	0	1	4	no	TE
at_locus.00885	1	13,777,803	13,778,783	10	0	13	no	TE
at_locus.00886	1	13,782,192	13,782,347	0	0	4	no	TE
at_locus.00887	1	13,782,836	13,783,188	5	0	3	no	TE
at_locus.00888	1	13,785,250	13,786,140	9	0	7	no	TE
at_locus.00889	1	13,786,381	13,786,616	5	0	1	no	TE
at_locus.00890	1	13,787,814	13,788,523	18	0	12	yes	TE
at_locus.00891	1	13,788,768	13,790,531	38	0	48	yes	TE
at_locus.00892	1	13,791,613	13,791,748	1	0	4	no	TE
at_locus.00893	1	13,792,362	13,792,641	2	0	4	no	TE
at_locus.00894	1	13,793,159	13,793,749	8	0	12	yes	TE
at_locus.00895	1	13,794,127	13,794,559	7	0	11	yes	TE
at_locus.00896	1	13,794,769	13,795,226	14	0	14	no	TE
at_locus.00897	1	13,795,471	13,796,382	30	0	32	no	TE
at_locus.00898	1	13,797,709	13,798,425	17	3	12	no	TE



at_locus.00899	1	13,798,554	13,799,031	13	0	14	no	TE
at_locus.00900	1	13,799,270	13,799,920	14	1	12	no	TE
at_locus.00901	1	13,800,147	13,800,716	9	0	14	no	TE
at_locus.00902	1	13,800,929	13,801,666	9	0	13	no	TE
at_locus.00903	1	13,802,624	13,803,033	9	0	5	no	TE
at_locus.00904	1	13,812,117	13,812,329	20	0	0	no	TE
at_locus.00905	1	13,825,421	13,825,570	0	0	4	yes	
at_locus.00906	1	13,829,708	13,830,296	7	0	19	no	TE
at_locus.00907	1	13,830,446	13,830,944	10	0	12	no	TE
at_locus.00908	1	13,831,122	13,831,548	1	0	9	no	TE
at_locus.00909	1	13,831,750	13,832,757	21	0	24	yes	TE
at_locus.00910	1	13,839,097	13,839,186	5	0	0	yes	
at_locus.00911	1	13,852,417	13,852,846	4	0	11	no	TE
at_locus.00912	1	13,855,663	13,856,101	8	0	0	yes	TE
at_locus.00913	1	13,864,211	13,865,110	34	0	30	no	TE
at_locus.00914	1	13,865,383	13,865,879	16	0	7	no	TE
at_locus.00915	1	13,870,460	13,870,703	4	0	4	yes	
at_locus.00916	1	13,871,099	13,871,583	20	0	1	no	TE
at_locus.00917	1	13,880,269	13,880,587	5	0	0	no	TE
at_locus.00918	1	13,882,216	13,882,841	4	0	5	yes	
at_locus.00919	1	13,884,346	13,888,837	109	3	119	yes	TE
at_locus.00920	1	13,889,055	13,890,306	26	0	49	no	TE
at_locus.00921	1	13,890,527	13,890,733	4	0	2	no	TE
at_locus.00922	1	13,891,080	13,891,305	5	0	1	no	TE
at_locus.00923	1	13,891,530	13,892,047	41	2	13	no	TE
at_locus.00924	1	13,895,568	13,896,151	12	1	10	yes	
at_locus.00925	1	13,903,950	13,904,099	1	1	9	no	
at_locus.00926	1	13,906,402	13,907,689	16	0	9	no	TE
at_locus.00927	1	13,908,044	13,908,283	7	1	5	yes	TE
at_locus.00928	1	13,908,686	13,909,513	22	0	16	yes	TE
at_locus.00929	1	13,910,577	13,910,945	1	0	7	yes	TE
at_locus.00930	1	13,912,191	13,912,824	24	1	18	yes	
at_locus.00931	1	13,913,770	13,913,966	5	0	5	yes	
at_locus.00932	1	13,918,722	13,919,533	6	0	19	yes	TE
at_locus.00933	1	13,921,972	13,923,284	17	1	14	yes	TE
at_locus.00934	1	13,926,865	13,928,547	143	1	125	yes	TE
at_locus.00935	1	13,932,936	13,934,608	217	5	198	yes	TE

at_locus.00936	1	13,938,994	13,939,736	163	5	164	no	TE
at_locus.00937	1	13,941,877	13,941,911	2	0	5	no	TE
at_locus.00938	1	13,942,156	13,942,424	7	0	5	no	TE
at_locus.00939	1	13,942,633	13,942,824	14	0	15	no	TE
at_locus.00940	1	13,943,051	13,943,753	10	0	13	no	TE
at_locus.00941	1	13,943,993	13,944,132	9	0	3	no	TE
at_locus.00942	1	13,946,376	13,947,676	21	0	12	no	TE
at_locus.00943	1	13,947,945	13,948,094	4	0	7	no	TE
at_locus.00944	1	13,961,128	13,961,775	1	0	6	yes	TE
at_locus.00945	1	13,973,253	13,974,352	26	1	16	no	TE
at_locus.00946	1	13,974,513	13,974,810	4	0	1	no	TE
at_locus.00947	1	13,979,850	13,981,087	27	1	36	yes	TE
at_locus.00948	1	13,982,991	13,983,020	4	0	0	no	TE
at_locus.00949	1	14,007,844	14,008,124	7	0	0	yes	
at_locus.00950	1	14,012,183	14,012,279	4	0	0	no	TE
at_locus.00951	1	14,014,428	14,014,633	5	0	0	no	TE
at_locus.00952	1	14,015,255	14,015,279	4	0	0	no	TE
at_locus.00953	1	14,015,564	14,015,804	21	0	0	no	TE
at_locus.00954	1	14,021,879	14,022,010	4	0	0	yes	
at_locus.00955	1	14,026,834	14,026,972	5	0	0	yes	
at_locus.00956	1	14,033,273	14,033,451	9	0	2	no	
at_locus.00957	1	14,035,108	14,035,683	9	0	21	yes	
at_locus.00958	1	14,047,371	14,048,334	22	0	15	no	TE
at_locus.00959	1	14,061,765	14,063,009	21	3	32	no	TE
at_locus.00960	1	14,075,091	14,075,123	4	0	0	no	TE
at_locus.00961	1	14,085,029	14,086,749	43	0	45	yes	TE
at_locus.00962	1	14,087,025	14,087,559	6	0	11	no	TE
at_locus.00963	1	14,088,782	14,089,047	1	0	11	no	TE
at_locus.00964	1	14,092,892	14,093,932	16	0	26	no	TE
at_locus.00965	1	14,094,256	14,095,294	24	0	20	no	TE
at_locus.00966	1	14,095,569	14,096,468	22	0	31	no	TE
at_locus.00967	1	14,101,925	14,102,618	3	0	11	yes	TE
at_locus.00968	1	14,106,014	14,106,061	0	0	4	no	TE
at_locus.00969	1	14,108,864	14,109,236	5	0	5	no	TE
at_locus.00970	1	14,109,537	14,109,910	0	0	4	no	TE
at_locus.00971	1	14,124,089	14,124,701	3	0	7	no	TE
at_locus.00972	1	14,127,854	14,127,908	4	0	0	yes	TE

at_locus.00973	1	14,129,776	14,129,908	1	0	5	no	TE
at_locus.00974	1	14,130,453	14,130,772	0	0	4	no	TE
at_locus.00975	1	14,157,177	14,157,452	4	0	0	yes	
at_locus.00976	1	14,166,697	14,167,089	3	1	0	no	
at_locus.00977	1	14,171,942	14,172,024	8	0	0	yes	TE
at_locus.00978	1	14,180,508	14,182,648	46	5	46	yes	TE
at_locus.00979	1	14,182,861	14,184,242	9	0	18	no	TE
at_locus.00980	1	14,184,301	14,185,082	15	0	14	yes	TE
at_locus.00981	1	14,185,432	14,185,676	2	0	9	no	TE
at_locus.00982	1	14,186,260	14,186,616	0	0	4	yes	TE
at_locus.00983	1	14,191,679	14,192,046	2	0	8	no	TE
at_locus.00984	1	14,192,258	14,192,596	1	0	5	no	TE
at_locus.00985	1	14,193,162	14,194,246	3	0	25	yes	TE
at_locus.00986	1	14,194,455	14,195,363	7	0	33	yes	TE
at_locus.00987	1	14,198,731	14,198,895	3	23	9	no	
at_locus.00988	1	14,208,867	14,209,670	2	2	8	yes	TE
at_locus.00989	1	14,217,386	14,218,857	16	0	23	no	TE
at_locus.00990	1	14,219,041	14,219,608	1	0	5	no	TE
at_locus.00991	1	14,222,026	14,222,619	11	1	9	yes	TE
at_locus.00992	1	14,223,651	14,223,934	1	0	6	no	TE
at_locus.00993	1	14,227,010	14,227,241	5	0	1	no	TE
at_locus.00994	1	14,227,371	14,228,091	16	0	14	yes	TE
at_locus.00995	1	14,229,094	14,229,581	10	0	10	yes	TE
at_locus.00996	1	14,229,767	14,230,664	17	4	16	no	TE
at_locus.00997	1	14,230,920	14,231,643	8	0	9	no	TE
at_locus.00998	1	14,232,762	14,233,388	9	0	2	no	TE
at_locus.00999	1	14,235,244	14,235,500	4	0	2	no	TE
at_locus.01000	1	14,236,063	14,236,764	18	0	9	no	TE
at_locus.01001	1	14,239,550	14,239,766	4	0	2	no	TE
at_locus.01002	1	14,241,109	14,241,530	0	0	5	no	TE
at_locus.01003	1	14,241,949	14,242,459	2	0	7	no	TE
at_locus.01004	1	14,242,703	14,243,404	20	0	9	no	TE
at_locus.01005	1	14,245,030	14,245,277	2	0	4	no	TE
at_locus.01006	1	14,246,077	14,246,508	5	0	11	no	TE
at_locus.01007	1	14,247,185	14,247,504	1	0	5	yes	TE
at_locus.01008	1	14,247,720	14,248,099	7	0	5	no	TE
at_locus.01009	1	14,248,542	14,249,033	2	0	6	no	TE

at_locus.01010	1	14,249,476	14,249,501	1	0	5	no	TE
at_locus.01011	1	14,249,711	14,250,355	4	1	14	no	TE
at_locus.01012	1	14,250,553	14,250,810	10	3	6	yes	TE
at_locus.01013	1	14,251,943	14,252,321	5	0	6	no	TE
at_locus.01014	1	14,252,483	14,252,541	0	0	6	no	TE
at_locus.01015	1	14,252,754	14,253,060	4	0	0	yes	TE
at_locus.01016	1	14,253,562	14,254,111	5	0	9	yes	TE
at_locus.01017	1	14,255,258	14,257,163	44	4	40	yes	TE
at_locus.01018	1	14,257,403	14,257,758	6	0	7	no	TE
at_locus.01019	1	14,258,180	14,258,356	8	0	5	no	TE
at_locus.01020	1	14,258,774	14,259,188	5	0	6	no	TE
at_locus.01021	1	14,259,406	14,259,602	0	0	5	no	TE
at_locus.01022	1	14,259,604	14,259,893	5	0	1	no	TE
at_locus.01023	1	14,262,312	14,264,594	24	4	26	no	TE
at_locus.01024	1	14,266,704	14,267,303	8	0	16	no	TE
at_locus.01025	1	14,269,370	14,269,901	6	0	2	yes	TE
at_locus.01026	1	14,270,467	14,270,735	6	0	1	no	TE
at_locus.01027	1	14,272,001	14,272,249	2	0	5	yes	TE
at_locus.01028	1	14,273,447	14,273,856	2	0	5	no	TE
at_locus.01029	1	14,275,986	14,276,288	2	0	4	no	TE
at_locus.01030	1	14,283,216	14,283,841	11	0	11	no	TE
at_locus.01031	1	14,284,875	14,285,067	17	0	4	no	TE
at_locus.01032	1	14,289,111	14,289,516	4	0	6	yes	
at_locus.01033	1	14,299,487	14,299,895	6	0	1	no	TE
at_locus.01034	1	14,300,100	14,300,150	4	0	0	no	TE
at_locus.01035	1	14,300,999	14,301,408	14	0	0	yes	TE
at_locus.01036	1	14,302,199	14,302,283	16	0	0	no	TE
at_locus.01037	1	14,311,207	14,311,453	6	1	1	no	TE
at_locus.01038	1	14,311,898	14,311,958	1	0	4	no	TE
at_locus.01039	1	14,313,045	14,313,321	5	0	0	yes	TE
at_locus.01040	1	14,317,636	14,317,814	4	0	1	no	TE
at_locus.01041	1	14,318,105	14,320,493	22	1	39	no	TE
at_locus.01042	1	14,320,912	14,321,198	6	0	8	no	TE
at_locus.01043	1	14,321,782	14,322,224	8	0	8	no	TE
at_locus.01044	1	14,322,302	14,323,270	20	2	12	no	TE
at_locus.01045	1	14,326,142	14,326,271	4	0	2	no	TE
at_locus.01046	1	14,326,652	14,326,827	4	0	1	no	TE

at_locus.01047	1	14,329,519	14,329,730	4	0	2	no	TE
at_locus.01048	1	14,331,837	14,331,994	4	0	1	no	TE
at_locus.01049	1	14,334,077	14,334,154	0	0	5	no	TE
at_locus.01050	1	14,336,820	14,337,491	10	0	5	no	TE
at_locus.01051	1	14,338,561	14,338,586	6	0	0	no	TE
at_locus.01052	1	14,338,749	14,340,594	43	3	52	yes	TE
at_locus.01053	1	14,340,809	14,341,401	9	0	9	no	TE
at_locus.01054	1	14,341,639	14,343,705	28	2	51	no	TE
at_locus.01055	1	14,344,272	14,344,697	7	0	10	no	TE
at_locus.01056	1	14,346,566	14,346,656	0	0	4	no	TE
at_locus.01057	1	14,346,706	14,346,896	4	0	0	no	TE
at_locus.01058	1	14,347,507	14,348,727	18	0	5	no	TE
at_locus.01059	1	14,350,306	14,350,874	1	0	4	no	TE
at_locus.01060	1	14,351,192	14,351,427	0	0	4	no	TE
at_locus.01061	1	14,359,261	14,359,392	4	0	6	no	TE
at_locus.01062	1	14,361,890	14,361,960	4	0	0	no	TE
at_locus.01063	1	14,364,213	14,364,526	1	0	4	no	TE
at_locus.01064	1	14,364,880	14,365,264	9	0	8	no	TE
at_locus.01065	1	14,365,576	14,365,902	6	0	5	no	TE
at_locus.01066	1	14,367,079	14,367,238	10	0	9	no	TE
at_locus.01067	1	14,367,824	14,368,032	0	0	4	no	TE
at_locus.01068	1	14,368,369	14,368,778	1	0	7	no	TE
at_locus.01069	1	14,369,213	14,369,324	1	0	4	no	
at_locus.01070	1	14,376,398	14,376,938	9	0	11	no	TE
at_locus.01071	1	14,382,366	14,383,348	6	0	13	no	TE
at_locus.01072	1	14,385,951	14,387,026	16	4	27	no	TE
at_locus.01073	1	14,387,593	14,388,018	7	0	10	no	TE
at_locus.01074	1	14,389,278	14,389,593	3	0	4	no	TE
at_locus.01075	1	14,392,219	14,392,309	0	0	4	no	TE
at_locus.01076	1	14,392,359	14,392,549	4	0	0	no	TE
at_locus.01077	1	14,393,160	14,394,380	18	0	5	no	TE
at_locus.01078	1	14,395,959	14,396,527	1	0	4	no	TE
at_locus.01079	1	14,396,845	14,397,080	0	0	4	no	TE
at_locus.01080	1	14,404,914	14,405,045	4	0	6	no	TE
at_locus.01081	1	14,407,543	14,407,613	4	0	0	no	TE
at_locus.01082	1	14,409,866	14,410,179	1	0	4	no	TE
at_locus.01083	1	14,410,533	14,410,917	9	0	8	no	TE

at_locus.01084	1	14,411,229	14,411,555	6	0	5	no	TE
at_locus.01085	1	14,412,732	14,412,891	10	0	9	no	TE
at_locus.01086	1	14,413,477	14,413,685	0	0	4	no	TE
at_locus.01087	1	14,414,022	14,414,431	1	0	7	no	TE
at_locus.01088	1	14,414,866	14,414,977	1	0	4	no	
at_locus.01089	1	14,422,051	14,422,591	9	0	11	no	TE
at_locus.01090	1	14,428,019	14,429,001	6	0	13	no	TE
at_locus.01091	1	14,431,604	14,432,882	22	4	34	no	TE
at_locus.01092	1	14,435,207	14,436,838	22	4	21	yes	TE
at_locus.01093	1	14,437,213	14,437,644	4	0	8	no	TE
at_locus.01094	1	14,437,849	14,437,900	0	0	4	no	TE
at_locus.01095	1	14,438,265	14,438,577	11	0	7	no	TE
at_locus.01096	1	14,439,161	14,442,083	56	2	50	yes	TE
at_locus.01097	1	14,442,342	14,442,458	4	0	2	no	TE
at_locus.01098	1	14,443,130	14,443,310	10	0	6	no	TE
at_locus.01099	1	14,444,344	14,444,569	2	0	4	no	TE
at_locus.01100	1	14,444,832	14,445,470	11	1	9	no	TE
at_locus.01101	1	14,448,576	14,448,705	4	0	2	no	TE
at_locus.01102	1	14,449,085	14,449,253	4	0	1	no	TE
at_locus.01103	1	14,451,727	14,453,885	22	2	38	yes	TE
at_locus.01104	1	14,454,452	14,454,900	4	0	10	no	TE
at_locus.01105	1	14,456,160	14,456,475	3	0	4	no	TE
at_locus.01106	1	14,458,707	14,458,771	1	0	5	no	TE
at_locus.01107	1	14,459,102	14,459,192	0	0	4	no	TE
at_locus.01108	1	14,459,242	14,459,432	4	0	0	no	TE
at_locus.01109	1	14,460,043	14,461,268	18	0	4	no	TE
at_locus.01110	1	14,463,738	14,464,073	8	0	10	no	TE
at_locus.01111	1	14,469,801	14,470,113	1	0	4	no	TE
at_locus.01112	1	14,475,378	14,475,763	9	0	7	no	TE
at_locus.01113	1	14,476,044	14,476,240	6	0	6	no	TE
at_locus.01114	1	14,477,606	14,477,674	4	0	5	no	TE
at_locus.01115	1	14,477,944	14,478,566	5	0	4	no	TE
at_locus.01116	1	14,478,799	14,479,259	1	0	10	no	TE
at_locus.01117	1	14,480,999	14,481,237	0	0	4	yes	TE
at_locus.01118	1	14,485,073	14,486,056	9	0	7	yes	TE
at_locus.01119	1	14,486,336	14,486,686	1	0	5	no	TE
at_locus.01120	1	14,486,938	14,487,360	8	1	7	no	TE

at_locus.01121	1	14,489,360	14,491,395	29	5	32	yes	TE
at_locus.01122	1	14,491,601	14,494,052	53	0	46	yes	TE
at_locus.01123	1	14,494,492	14,495,944	15	0	14	yes	TE
at_locus.01124	1	14,496,449	14,496,688	2	0	4	no	TE
at_locus.01125	1	14,496,845	14,498,889	28	0	25	no	TE
at_locus.01126	1	14,499,424	14,499,942	12	0	7	no	TE
at_locus.01127	1	14,500,207	14,501,795	20	1	28	yes	TE
at_locus.01128	1	14,502,278	14,502,528	2	0	5	yes	TE
at_locus.01129	1	14,502,919	14,503,680	13	3	13	yes	TE
at_locus.01130	1	14,503,984	14,504,679	9	1	7	yes	TE
at_locus.01131	1	14,504,976	14,505,702	5	0	10	no	TE
at_locus.01132	1	14,506,877	14,507,394	7	0	12	no	TE
at_locus.01133	1	14,507,632	14,507,987	11	0	11	no	TE
at_locus.01134	1	14,508,444	14,508,489	6	0	4	no	TE
at_locus.01135	1	14,509,794	14,510,542	10	1	9	no	TE
at_locus.01136	1	14,510,873	14,511,709	11	1	11	no	TE
at_locus.01137	1	14,511,953	14,512,866	11	1	13	yes	TE
at_locus.01138	1	14,513,330	14,513,799	4	1	4	no	TE
at_locus.01139	1	14,546,375	14,547,197	9	1	8	yes	TE
at_locus.01140	1	14,547,527	14,548,135	8	1	8	no	TE
at_locus.01141	1	14,584,589	14,584,615	5	0	3	no	TE
at_locus.01142	1	14,586,475	14,587,731	6	0	13	yes	TE
at_locus.01143	1	14,588,459	14,588,839	5	0	0	no	TE
at_locus.01144	1	14,589,267	14,589,639	8	0	9	no	TE
at_locus.01145	1	14,598,727	14,599,045	0	0	5	no	TE
at_locus.01146	1	14,599,218	14,599,486	6	0	0	no	TE
at_locus.01147	1	14,605,261	14,605,674	22	2	8	no	TE
at_locus.01148	1	14,607,940	14,608,065	0	0	7	no	TE
at_locus.01149	1	14,611,250	14,613,049	38	3	23	no	TE
at_locus.01150	1	14,659,894	14,660,076	3	0	5	no	TE
at_locus.01151	1	14,660,284	14,664,145	57	3	32	yes	TE
at_locus.01152	1	14,665,467	14,666,129	13	0	5	no	TE
at_locus.01153	1	14,666,938	14,667,182	4	0	1	no	TE
at_locus.01154	1	14,667,659	14,667,706	0	0	4	no	TE
at_locus.01155	1	14,670,729	14,671,234	6	0	4	no	TE
at_locus.01156	1	14,671,516	14,676,116	37	3	27	no	TE
at_locus.01157	1	14,677,092	14,688,321	51	3	27	no	TE

at_locus.01158	1	14,688,544	14,693,089	40	3	25	yes	TE
at_locus.01159	1	14,693,233	14,698,016	34	4	22	yes	TE
at_locus.01160	1	14,698,296	14,699,627	22	3	21	no	TE
at_locus.01161	1	14,699,683	14,700,593	26	3	13	no	TE
at_locus.01162	1	14,700,809	14,707,465	38	3	19	no	TE
at_locus.01163	1	14,707,616	14,711,347	36	5	22	no	TE
at_locus.01164	1	14,711,649	14,716,951	39	4	23	no	TE
at_locus.01165	1	14,717,278	14,717,522	4	0	1	no	TE
at_locus.01166	1	14,718,331	14,718,993	13	0	5	no	TE
at_locus.01167	1	14,720,315	14,747,659	66	3	38	yes	TE
at_locus.01168	1	14,747,867	14,748,069	5	0	6	no	TE
at_locus.01169	1	14,748,420	14,749,074	15	1	11	no	TE
at_locus.01170	1	14,750,396	14,751,058	13	0	5	no	TE
at_locus.01171	1	14,751,867	14,752,111	4	0	1	no	TE
at_locus.01172	1	14,752,438	14,753,354	25	3	15	no	TE
at_locus.01173	1	14,806,466	14,808,218	28	3	16	no	TE
at_locus.01174	1	14,808,627	14,810,095	35	0	34	no	TE
at_locus.01175	1	14,810,339	14,810,799	6	0	8	no	TE
at_locus.01176	1	14,812,080	14,812,345	0	0	10	no	TE
at_locus.01177	1	14,813,599	14,813,689	2	0	4	no	TE
at_locus.01178	1	14,816,241	14,817,319	17	0	23	no	TE
at_locus.01179	1	14,817,568	14,817,736	12	0	6	no	TE
at_locus.01180	1	14,817,945	14,818,182	4	0	5	no	TE
at_locus.01181	1	14,818,759	14,818,982	5	0	1	no	TE
at_locus.01182	1	14,819,867	14,820,221	4	0	0	no	TE
at_locus.01183	1	14,821,494	14,825,605	45	3	26	no	TE
at_locus.01184	1	14,825,945	14,827,560	38	3	21	no	TE
at_locus.01185	1	14,828,544	14,829,049	6	0	4	no	TE
at_locus.01186	1	14,829,331	14,832,064	35	3	23	no	TE
at_locus.01187	1	14,833,040	14,834,263	26	3	16	no	TE
at_locus.01188	1	14,836,152	14,836,175	5	0	0	no	TE
at_locus.01189	1	14,836,456	14,836,653	1	0	4	no	TE
at_locus.01190	1	14,837,766	14,840,035	30	4	22	no	TE
at_locus.01191	1	14,840,543	14,840,918	4	0	3	no	TE
at_locus.01192	1	14,841,047	14,841,660	5	0	15	no	TE
at_locus.01193	1	14,844,298	14,845,100	9	1	4	no	TE
at_locus.01194	1	14,845,315	14,845,339	4	0	1	no	TE



at_locus.01195	1	14,846,340	14,846,432	3	0	5	no	TE
at_locus.01196	1	14,848,528	14,849,007	8	0	8	no	TE
at_locus.01197	1	14,849,221	14,849,245	4	0	1	no	TE
at_locus.01198	1	14,849,876	14,849,918	6	0	0	no	TE
at_locus.01199	1	14,850,514	14,850,680	0	0	4	no	TE
at_locus.01200	1	14,851,363	14,852,574	21	0	12	no	TE
at_locus.01201	1	14,855,666	14,855,961	0	0	5	no	TE
at_locus.01202	1	14,856,528	14,856,738	2	0	4	no	TE
at_locus.01203	1	14,859,224	14,859,966	23	0	7	no	TE
at_locus.01204	1	14,860,735	14,860,782	0	0	4	no	TE
at_locus.01205	1	14,866,900	14,866,947	0	0	4	no	TE
at_locus.01206	1	14,867,716	14,868,458	23	0	7	no	TE
at_locus.01207	1	14,870,944	14,871,154	2	0	4	no	TE
at_locus.01208	1	14,871,721	14,872,016	0	0	5	no	TE
at_locus.01209	1	14,875,108	14,876,319	21	0	12	no	TE
at_locus.01210	1	14,877,002	14,877,168	0	0	4	no	TE
at_locus.01211	1	14,877,764	14,877,806	6	0	0	no	TE
at_locus.01212	1	14,878,437	14,878,461	4	0	1	no	TE
at_locus.01213	1	14,878,675	14,879,154	8	0	8	no	TE
at_locus.01214	1	14,881,250	14,881,342	3	0	5	no	TE
at_locus.01215	1	14,882,343	14,882,367	4	0	1	no	TE
at_locus.01216	1	14,882,582	14,883,384	9	1	4	no	TE
at_locus.01217	1	14,886,022	14,886,635	5	0	15	no	TE
at_locus.01218	1	14,886,764	14,887,139	4	0	3	no	TE
at_locus.01219	1	14,887,647	14,891,405	30	3	27	yes	TE
at_locus.01220	1	14,891,667	14,894,390	30	4	20	yes	TE
at_locus.01221	1	14,899,057	14,899,411	4	0	0	no	TE
at_locus.01222	1	14,900,296	14,900,519	5	0	1	no	TE
at_locus.01223	1	14,901,096	14,901,333	4	0	5	no	TE
at_locus.01224	1	14,901,542	14,901,710	12	0	6	no	TE
at_locus.01225	1	14,901,959	14,903,037	17	0	23	no	TE
at_locus.01226	1	14,905,589	14,905,679	2	0	4	no	TE
at_locus.01227	1	14,906,933	14,907,198	0	0	10	no	TE
at_locus.01228	1	14,908,479	14,908,939	6	0	8	no	TE
at_locus.01229	1	14,909,183	14,910,651	35	0	34	no	TE
at_locus.01230	1	14,911,060	14,913,152	31	4	20	no	TE
at_locus.01231	1	14,914,265	14,914,462	1	0	4	no	TE

at_locus.01232	1	14,914,743	14,914,766	5	0	0	no	TE
at_locus.01233	1	14,926,389	14,926,546	2	0	4	no	TE
at_locus.01234	1	14,927,152	14,928,120	10	1	21	no	TE
at_locus.01235	1	14,928,783	14,960,822				no	TE
at_locus.01236	1	14,960,885	14,961,447	12	3	11	no	TE
at_locus.01237	1	14,961,655	14,962,079	12	3	11	no	TE
at_locus.01238	1	14,962,287	14,968,294	32	4	20	no	TE
at_locus.01239	1	14,968,502	14,973,277	28	3	20	no	TE
at_locus.01240	1	14,973,485	14,976,698	27	5	15	no	TE
at_locus.01241	1	14,976,906	15,001,458	43	4	25	yes	TE
at_locus.01242	1	15,010,128	15,010,477	10	0	2	no	TE
at_locus.01243	1	15,012,146	15,012,982	17	4	9	no	TE
at_locus.01244	1	15,013,271	15,014,279	20	3	17	yes	TE
at_locus.01245	1	15,014,286	15,030,159	62	7	63	no	TE
at_locus.01246	1	15,030,227	15,039,306	54	6	59	yes	TE
at_locus.01247	1	15,039,633	15,040,656	23	3	17	no	TE
at_locus.01248	1	15,040,991	15,041,700	6	0	14	no	TE
at_locus.01249	1	15,042,270	15,042,611	4	0	3	no	TE
at_locus.01250	1	15,042,870	15,047,314	117	1	113	no	TE
at_locus.01251	1	15,048,239	15,048,458	4	0	3	no	TE
at_locus.01252	1	15,050,214	15,050,383	1	0	6	no	TE
at_locus.01253	1	15,051,115	15,051,414	0	0	12	no	TE
at_locus.01254	1	15,051,984	15,052,325	4	0	3	no	TE
at_locus.01255	1	15,052,584	15,055,751	94	4	84	no	TE
at_locus.01256	1	15,062,609	15,063,844	15	1	20	no	TE
at_locus.01257	1	15,064,068	15,064,721	12	0	7	no	TE
at_locus.01258	1	15,064,947	15,066,014	14	0	18	no	TE
at_locus.01259	1	15,066,257	15,068,214	28	1	31	yes	TE
at_locus.01260	1	15,068,475	15,070,705	31	0	34	yes	TE
at_locus.01261	1	15,072,527	15,073,188	13	0	9	yes	TE
at_locus.01262	1	15,075,283	15,075,698	1	0	4	no	TE
at_locus.01263	1	15,075,865	15,076,360	7	0	4	no	TE
at_locus.01264	1	15,076,586	15,078,037	19	1	26	yes	TE
at_locus.01265	1	15,078,239	15,078,996	5	0	11	no	TE
at_locus.01266	1	15,079,922	15,080,088	7	0	0	no	TE
at_locus.01267	1	15,080,605	15,080,925	4	0	7	no	TE
at_locus.01268	1	15,084,203	15,088,486	51	4	73	yes	TE

at_locus.01269	1	15,096,848	15,097,346	4	0	2	no	TE
at_locus.01270	1	15,102,623	15,103,012	3	0	0	no	TE
at_locus.01271	1	15,145,643	15,145,686	1	0	0	no	
at_locus.01272	1	15,161,868	15,162,381	0	0	8	yes	TE
at_locus.01273	1	15,170,433	15,170,750	4	0	0	no	TE
at_locus.01274	1	15,181,399	15,182,038	8	0	13	no	TE
at_locus.01275	1	15,182,231	15,184,630	30	1	50	no	TE
at_locus.01276	1	15,184,852	15,184,922	6	0	0	no	TE
at_locus.01277	1	15,185,091	15,186,100	21	0	12	no	TE
at_locus.01278	1	15,187,529	15,187,781	7	0	2	no	TE
at_locus.01279	1	15,188,047	15,188,280	0	0	4	no	TE
at_locus.01280	1	15,188,323	15,188,520	7	0	4	no	TE
at_locus.01281	1	15,188,893	15,189,264	4	0	6	no	TE
at_locus.01282	1	15,190,225	15,190,472	5	0	6	no	TE
at_locus.01283	1	15,190,802	15,193,040	47	0	48	no	TE
at_locus.01284	1	15,193,229	15,195,547	48	4	51	no	TE
at_locus.01285	1	15,202,968	15,203,404	0	0	5	yes	TE
at_locus.01286	1	15,206,340	15,206,881	4	0	0	no	TE
at_locus.01287	1	15,209,518	15,209,777	2	0	0	no	TE
at_locus.01288	1	15,214,954	15,215,215	4	0	1	no	TE
at_locus.01289	1	15,215,503	15,215,714	4	0	1	no	TE
at_locus.01290	1	15,217,044	15,217,196	6	0	0	no	TE
at_locus.01291	1	15,224,345	15,224,729	3	0	0	no	TE
at_locus.01292	1	15,225,812	15,226,055	2	0	0	no	TE
at_locus.01293	1	15,242,991	15,243,303	6	0	1	no	TE
at_locus.01294	1	15,246,346	15,246,640	6	0	2	no	TE
at_locus.01295	1	15,254,297	15,254,678	3	0	2	no	TE
at_locus.01296	1	15,256,469	15,256,906	4	0	3	no	TE
at_locus.01297	1	15,267,886	15,268,033	1	0	0	no	
at_locus.01298	1	15,275,075	15,275,125	1	0	0	no	
at_locus.01299	1	15,276,998	15,277,502	0	0	4	no	TE
at_locus.01300	1	15,280,126	15,280,510	0	0	5	no	TE
at_locus.01301	1	15,282,187	15,282,613	3	1	1	no	TE
at_locus.01302	1	15,295,027	15,295,062	4	0	0	no	TE
at_locus.01303	1	15,315,200	15,315,335	1	0	4	no	TE
at_locus.01304	1	15,320,500	15,320,884	3	0	0	no	TE
at_locus.01305	1	15,321,968	15,322,211	2	0	0	no	TE

at_locus.01306	1	15,340,110	15,340,422	6	0	1	no	TE
at_locus.01307	1	15,343,465	15,343,759	6	0	2	no	TE
at_locus.01308	1	15,352,394	15,352,775	3	0	2	no	TE
at_locus.01309	1	15,354,566	15,355,003	4	0	3	no	TE
at_locus.01310	1	15,365,983	15,366,130	1	0	0	no	
at_locus.01311	1	15,373,172	15,373,222	1	0	0	no	
at_locus.01312	1	15,375,095	15,375,599	0	0	4	no	TE
at_locus.01313	1	15,378,223	15,378,607	0	0	5	no	TE
at_locus.01314	1	15,380,284	15,380,717	3	1	1	no	TE
at_locus.01315	1	15,393,130	15,393,165	4	0	0	no	TE
at_locus.01316	1	15,413,282	15,413,417	1	0	4	no	TE
at_locus.01317	1	15,415,902	15,416,037	1	0	4	no	TE
at_locus.01318	1	15,416,651	15,417,119	10	0	20	yes	TE
at_locus.01319	1	15,418,416	15,418,692	7	0	2	yes	TE
at_locus.01320	1	15,418,945	15,419,725	20	0	12	yes	TE
at_locus.01321	1	15,419,867	15,421,126	23	0	23	no	TE
at_locus.01322	1	15,421,754	15,421,978	8	0	11	no	TE
at_locus.01323	1	15,422,947	15,423,557	6	0	6	no	TE
at_locus.01324	1	15,424,487	15,424,632	2	0	4	no	TE
at_locus.01325	1	15,424,827	15,426,337	22	1	30	no	TE
at_locus.01326	1	15,434,285	15,434,722	5	0	10	no	TE
at_locus.01327	1	15,434,924	15,435,430	3	0	15	no	TE
at_locus.01328	1	15,438,936	15,439,340	3	1	5	no	TE
at_locus.01329	1	15,447,779	15,448,995	30	4	38	no	TE
at_locus.01330	1	15,449,262	15,449,487	4	0	5	no	TE
at_locus.01331	1	15,449,672	15,449,985	10	1	7	no	TE
at_locus.01332	1	15,450,391	15,450,628	8	0	11	no	TE
at_locus.01333	1	15,450,863	15,451,673	6	0	16	yes	TE
at_locus.01334	1	15,452,670	15,453,329	12	0	8	yes	TE
at_locus.01335	1	15,453,568	15,453,668	0	0	5	yes	TE
at_locus.01336	1	15,453,891	15,454,711	14	1	14	yes	TE
at_locus.01337	1	15,455,102	15,456,187	16	6	25	yes	TE
at_locus.01338	1	15,457,929	15,458,523	17	0	9	no	TE
at_locus.01339	1	15,458,796	15,460,573	43	0	41	no	TE
at_locus.01340	1	15,462,408	15,464,239	18	0	31	no	TE
at_locus.01341	1	15,464,491	15,467,513	79	0	54	no	TE
at_locus.01342	1	15,469,348	15,471,178	18	0	34	no	TE

at_locus.01343	1	15,471,430	15,474,452	76	0	44	no	TE
at_locus.01344	1	15,476,287	15,478,118	18	0	30	no	TE
at_locus.01345	1	15,478,370	15,481,393	80	0	56	no	TE
at_locus.01346	1	15,483,228	15,485,057	18	0	36	no	TE
at_locus.01347	1	15,485,310	15,488,375	74	1	62	yes	TE
at_locus.01348	1	15,489,324	15,490,781	33	0	28	no	TE
at_locus.01349	1	15,494,375	15,495,844	24	1	32	yes	TE
at_locus.01350	1	15,496,098	15,496,367	1	0	5	no	TE
at_locus.01351	1	15,496,618	15,497,229	11	0	16	no	TE
at_locus.01352	1	15,497,515	15,498,430	19	0	9	no	TE
at_locus.01353	1	15,500,448	15,500,547	6	0	2	no	TE
at_locus.01354	1	15,500,999	15,501,335	10	0	9	no	TE
at_locus.01355	1	15,503,015	15,503,083	0	0	7	no	TE
at_locus.01356	1	15,503,604	15,505,018	27	0	23	yes	TE
at_locus.01357	1	15,505,218	15,506,479	23	0	30	yes	TE
at_locus.01358	1	15,506,699	15,507,297	12	4	14	no	TE
at_locus.01359	1	15,507,709	15,508,058	1	0	9	yes	TE
at_locus.01360	1	15,509,319	15,511,021	27	0	29	yes	TE
at_locus.01361	1	15,515,126	15,516,010	11	0	13	no	TE
at_locus.01362	1	15,517,262	15,517,547	6	0	5	no	TE
at_locus.01363	1	15,519,164	15,519,394	2	0	6	yes	TE
at_locus.01364	1	15,520,715	15,521,202	2	0	5	no	TE
at_locus.01365	1	15,527,478	15,527,883	5	1	5	no	TE
at_locus.01366	1	15,535,380	15,536,147	9	1	4	yes	TE
at_locus.01367	1	15,536,353	15,537,144	9	0	5	yes	TE
at_locus.01368	1	15,538,589	15,540,715	27	3	26	yes	TE
at_locus.01369	1	15,540,942	15,541,535	9	0	11	no	TE
at_locus.01370	1	15,541,751	15,543,231	40	2	42	yes	TE
at_locus.01371	1	15,544,842	15,545,086	4	0	2	yes	TE
at_locus.01372	1	15,545,954	15,547,790	28	4	31	yes	TE
at_locus.01373	1	15,553,145	15,553,559	7	0	4	yes	TE
at_locus.01374	1	15,562,440	15,562,743	1	0	5	no	TE
at_locus.01375	1	15,564,333	15,564,553	13	0	3	no	TE
at_locus.01376	1	15,564,951	15,565,889	8	1	12	no	TE
at_locus.01377	1	15,567,088	15,567,346	1	0	5	no	TE
at_locus.01378	1	15,567,599	15,567,628	11	0	2	no	TE
at_locus.01379	1	15,567,880	15,568,504	9	0	6	no	TE

at_locus.01380	1	15,568,733	15,568,926	0	0	4	no	TE
at_locus.01381	1	15,569,393	15,569,501	1	0	4	no	TE
at_locus.01382	1	15,570,584	15,571,024	9	0	4	no	TE
at_locus.01383	1	15,596,891	15,597,004	3	0	6	no	TE
at_locus.01384	1	15,599,610	15,599,731	5	0	3	no	TE
at_locus.01385	1	15,600,096	15,600,265	1	0	4	no	TE
at_locus.01386	1	15,602,092	15,602,115	2	0	5	no	TE
at_locus.01387	1	15,612,835	15,613,037	50	0	12	yes	
at_locus.01388	1	15,618,201	15,618,330	27	0	9	no	
at_locus.01389	1	15,618,786	15,619,953	18	1	33	no	TE
at_locus.01390	1	15,620,200	15,620,371	4	0	1	no	TE
at_locus.01391	1	15,637,394	15,637,657	7	0	2	no	TE
at_locus.01392	1	15,637,914	15,638,364	8	0	7	yes	TE
at_locus.01393	1	15,639,253	15,639,447	2	0	5	no	TE
at_locus.01394	1	15,639,899	15,639,956	9	0	3	no	TE
at_locus.01395	1	15,641,673	15,642,299	5	0	10	no	TE
at_locus.01396	1	15,652,263	15,652,291	4	0	0	yes	TE
at_locus.01397	1	15,671,842	15,672,109	5	0	1	no	TE
at_locus.01398	1	15,676,512	15,676,946	3	0	5	no	TE
at_locus.01399	1	15,679,066	15,679,915	15	0	20	no	TE
at_locus.01400	1	15,683,224	15,683,561	4	0	0	no	
at_locus.01401	1	15,684,632	15,686,129	23	4	25	no	TE
at_locus.01402	1	15,690,973	15,691,427	6	0	3	no	TE
at_locus.01403	1	15,693,055	15,693,171	2	0	5	no	TE
at_locus.01404	1	15,702,458	15,703,081	5	0	7	no	TE
at_locus.01405	1	15,703,330	15,704,031	22	0	6	no	TE
at_locus.01406	1	15,706,773	15,707,117	3	0	11	no	TE
at_locus.01407	1	15,707,346	15,707,770	6	0	7	no	TE
at_locus.01408	1	15,708,953	15,710,134	17	0	23	yes	TE
at_locus.01409	1	15,710,187	15,710,467	4	0	5	yes	TE
at_locus.01410	1	15,710,694	15,710,846	11	0	14	no	TE
at_locus.01411	1	15,711,073	15,711,361	11	2	6	no	TE
at_locus.01412	1	15,712,820	15,713,063	0	0	5	no	TE
at_locus.01413	1	15,714,711	15,715,053	4	0	6	no	TE
at_locus.01414	1	15,715,651	15,715,922	2	0	8	no	TE
at_locus.01415	1	15,716,169	15,716,512	3	1	7	no	TE
at_locus.01416	1	15,716,640	15,717,052	7	0	7	no	TE

at_locus.01417	1	15,738,560	15,738,972	7	0	1	no	TE
at_locus.01418	1	15,739,429	15,739,815	7	0	3	no	TE
at_locus.01419	1	15,744,082	15,744,254	5	0	3	no	TE
at_locus.01420	1	15,749,787	15,750,021	3	1	5	no	TE
at_locus.01421	1	15,750,355	15,750,377	2	0	4	no	TE
at_locus.01422	1	15,763,153	15,763,316	17	0	0	no	
at_locus.01423	1	15,786,972	15,787,953	41	0	28	no	TE
at_locus.01424	1	15,788,213	15,788,871	15	0	9	no	TE
at_locus.01425	1	15,792,655	15,794,329	18	4	33	yes	TE
at_locus.01426	1	15,802,767	15,802,875	4	0	0	no	TE
at_locus.01427	1	15,803,742	15,803,963	8	1	23	yes	TE
at_locus.01428	1	15,804,538	15,804,576	1	0	4	no	TE
at_locus.01429	1	15,804,953	15,805,099	4	0	2	no	TE
at_locus.01430	1	15,805,521	15,805,812	2	0	9	yes	TE
at_locus.01431	1	15,806,147	15,806,477	1	0	5	yes	TE
at_locus.01432	1	15,806,984	15,808,039	15	0	26	yes	TE
at_locus.01433	1	15,809,555	15,809,737	4	0	1	no	TE
at_locus.01434	1	15,818,358	15,818,615	7	0	1	no	TE
at_locus.01435	1	15,824,137	15,825,998	24	0	42	no	TE
at_locus.01436	1	15,826,432	15,826,787	12	0	12	no	TE
at_locus.01437	1	15,826,999	15,829,143	39	0	37	no	TE
at_locus.01438	1	15,829,918	15,830,295	5	0	6	no	TE
at_locus.01439	1	15,830,668	15,830,865	6	0	4	no	TE
at_locus.01440	1	15,830,908	15,831,141	0	0	4	no	TE
at_locus.01441	1	15,831,406	15,831,658	7	0	2	no	TE
at_locus.01442	1	15,833,083	15,834,092	22	0	13	no	TE
at_locus.01443	1	15,834,297	15,834,334	4	0	1	no	TE
at_locus.01444	1	15,834,783	15,835,369	10	0	14	no	TE
at_locus.01445	1	15,835,514	15,838,202	43	3	60	yes	TE
at_locus.01446	1	15,838,636	15,841,355	53	0	50	no	TE
at_locus.01447	1	15,842,130	15,842,199	4	0	2	no	TE
at_locus.01448	1	15,842,880	15,843,077	6	0	4	no	TE
at_locus.01449	1	15,843,120	15,843,353	0	0	4	no	TE
at_locus.01450	1	15,843,619	15,843,871	7	0	2	no	TE
at_locus.01451	1	15,845,300	15,846,241	21	0	16	yes	TE
at_locus.01452	1	15,846,916	15,847,585	9	0	17	no	TE
at_locus.01453	1	15,847,730	15,850,129	28	3	50	no	TE

at_locus.01454	1	15,855,939	15,856,111	5	0	3	no	TE
at_locus.01455	1	15,873,293	15,873,596	1	0	5	no	TE
at_locus.01456	1	15,889,061	15,889,374	9	0	2	yes	
at_locus.01457	1	15,923,863	15,924,036	4	0	1	no	
at_locus.01458	1	15,937,967	15,938,108	9	0	0	yes	TE
at_locus.01459	1	15,941,763	15,941,831	10	0	0	no	TE
at_locus.01460	1	15,942,243	15,943,621	95	8	1	no	TE
at_locus.01461	1	15,946,853	15,947,176	25	0	24	no	
at_locus.01462	1	15,965,779	15,965,805	5	0	0	yes	TE
at_locus.01463	1	15,992,725	15,993,172	0	0	5	yes	
at_locus.01464	1	16,000,631	16,000,654	0	0	5	yes	
at_locus.01465	1	16,006,849	16,007,280	5	0	3	yes	TE
at_locus.01466	1	16,015,120	16,016,562	75	4	17	no	TE
at_locus.01467	1	16,016,783	16,022,109	130	4	160	yes	TE
at_locus.01468	1	16,041,022	16,041,244	1	0	6	no	TE
at_locus.01469	1	16,047,998	16,048,330	7	0	2	no	TE
at_locus.01470	1	16,049,166	16,049,339	2	0	4	no	TE
at_locus.01471	1	16,050,438	16,050,939	0	0	5	yes	TE
at_locus.01472	1	16,052,931	16,053,279	5	0	5	yes	TE
at_locus.01473	1	16,082,406	16,082,577	4	0	2	no	TE
at_locus.01474	1	16,084,357	16,084,759	5	0	1	no	TE
at_locus.01475	1	16,095,099	16,095,311	8	0	9	no	TE
at_locus.01476	1	16,096,881	16,097,469	1	0	8	yes	TE
at_locus.01477	1	16,097,771	16,097,817	8	0	6	no	TE
at_locus.01478	1	16,101,290	16,101,595	5	0	0	no	TE
at_locus.01479	1	16,102,838	16,103,018	0	0	4	no	TE
at_locus.01480	1	16,106,244	16,106,396	4	0	0	no	TE
at_locus.01481	1	16,106,452	16,106,763	1	0	5	no	TE
at_locus.01482	1	16,116,779	16,116,952	4	0	2	no	TE
at_locus.01483	1	16,119,043	16,119,073	8	0	1	no	TE
at_locus.01484	1	16,120,232	16,120,339	7	0	1	yes	TE
at_locus.01485	1	16,125,740	16,126,188	3	0	6	no	TE
at_locus.01486	1	16,145,459	16,145,820	4	0	4	yes	
at_locus.01487	1	16,163,832	16,163,874	4	0	0	yes	TE
at_locus.01488	1	16,164,509	16,164,872	34	1	16	yes	
at_locus.01489	1	16,167,755	16,168,386	18	0	4	yes	
at_locus.01490	1	16,168,992	16,169,344	5	0	2	yes	



at_locus.01491	1	16,170,197	16,170,389	4	0	6	yes	TE
at_locus.01492	1	16,176,904	16,177,204	4	0	4	no	TE
at_locus.01493	1	16,192,361	16,192,383	0	0	4	no	TE
at_locus.01494	1	16,193,796	16,194,108	4	0	1	no	TE
at_locus.01495	1	16,200,734	16,200,898	4	0	1	no	TE
at_locus.01496	1	16,201,971	16,202,310	6	0	1	yes	TE
at_locus.01497	1	16,204,451	16,204,936	7	1	2	yes	TE
at_locus.01498	1	16,208,355	16,209,329	5	0	2	no	TE
at_locus.01499	1	16,214,121	16,214,153	1	0	4	no	TE
at_locus.01500	1	16,214,655	16,214,827	22	0	18	no	TE
at_locus.01501	1	16,215,987	16,216,064	0	0	5	no	TE
at_locus.01502	1	16,240,457	16,240,730	4	1	7	yes	TE
at_locus.01503	1	16,248,420	16,249,079	13	2	7	yes	TE
at_locus.01504	1	16,250,178	16,250,637	5	0	5	yes	
at_locus.01505	1	16,254,444	16,254,477	4	0	3	no	
at_locus.01506	1	16,255,221	16,255,368	52	0	3	yes	TE
at_locus.01507	1	16,255,850	16,256,191	0	0	3	no	TE
at_locus.01508	1	16,256,239	16,256,474	21	0	0	no	TE
at_locus.01509	1	16,258,641	16,258,674	10	0	0	no	
at_locus.01510	1	16,261,107	16,261,362	14	0	0	no	TE
at_locus.01511	1	16,262,086	16,262,230	31	0	3	no	TE
at_locus.01512	1	16,264,601	16,264,764	6	0	0	no	TE
at_locus.01513	1	16,270,033	16,270,140	5	5	0	yes	
at_locus.01514	1	16,276,551	16,276,979	5	0	10	yes	
at_locus.01515	1	16,284,657	16,286,140	19	2	20	yes	TE
at_locus.01516	1	16,286,668	16,287,238	1	0	8	no	TE
at_locus.01517	1	16,287,683	16,288,470	5	0	40	no	TE
at_locus.01518	1	16,288,708	16,290,881	14	0	66	yes	TE
at_locus.01519	1	16,291,446	16,292,279	3	0	14	no	TE
at_locus.01520	1	16,292,958	16,294,628	4	3	44	yes	TE
at_locus.01521	1	16,295,668	16,295,806	1	0	4	no	
at_locus.01522	1	16,296,506	16,297,241	10	1	38	no	TE
at_locus.01523	1	16,298,910	16,299,177	0	0	6	no	TE
at_locus.01524	1	16,299,622	16,300,452	5	0	40	no	TE
at_locus.01525	1	16,300,690	16,303,122	15	1	67	yes	TE
at_locus.01526	1	16,303,386	16,303,548	1	0	4	no	TE
at_locus.01527	1	16,303,783	16,304,220	2	0	9	yes	TE

at_locus.01528	1	16,304,899	16,306,248	2	3	32	yes	TE
at_locus.01529	1	16,306,668	16,306,806	1	0	4	no	
at_locus.01530	1	16,307,506	16,308,241	10	1	38	no	TE
at_locus.01531	1	16,313,778	16,314,010	0	1	5	yes	TE
at_locus.01532	1	16,327,736	16,327,925	5	0	0	yes	TE
at_locus.01533	1	16,328,593	16,330,130	75	2	15	yes	TE
at_locus.01534	1	16,330,338	16,331,043	174	4	69	yes	
at_locus.01535	1	16,331,335	16,331,817	13	0	17	yes	TE
at_locus.01536	1	16,343,649	16,343,903	6	0	0	yes	TE
at_locus.01537	1	16,345,331	16,345,398	6	0	2	yes	TE
at_locus.01538	1	16,352,863	16,353,133	10	0	2	yes	
at_locus.01539	1	16,353,342	16,353,947	20	0	15	yes	TE
at_locus.01540	1	16,354,481	16,355,010	20	0	18	yes	TE
at_locus.01541	1	16,355,245	16,355,558	4	0	1	yes	
at_locus.01542	1	16,355,998	16,356,551	11	0	19	yes	TE
at_locus.01543	1	16,357,161	16,357,298	17	0	6	yes	
at_locus.01544	1	16,357,511	16,357,583	11	0	0	yes	
at_locus.01545	1	16,357,714	16,358,668	23	0	16	yes	
at_locus.01546	1	16,359,328	16,359,677	11	0	12	yes	
at_locus.01547	1	16,361,941	16,362,243	17	0	11	yes	
at_locus.01548	1	16,362,534	16,363,552	50	2	12	yes	TE
at_locus.01549	1	16,363,697	16,363,785	1	0	6	no	TE
at_locus.01550	1	16,365,778	16,365,855	5	0	0	yes	
at_locus.01551	1	16,366,520	16,366,672	4	0	2	yes	
at_locus.01552	1	16,366,908	16,367,852	27	0	16	yes	TE
at_locus.01553	1	16,368,106	16,369,200	36	1	19	yes	
at_locus.01554	1	16,369,474	16,369,934	1	0	4	yes	
at_locus.01555	1	16,370,529	16,370,768	4	0	2	yes	TE
at_locus.01556	1	16,370,916	16,371,370	3	0	6	yes	TE
at_locus.01557	1	16,380,672	16,380,844	4	0	2	no	TE
at_locus.01558	1	16,381,090	16,381,398	6	0	3	no	TE
at_locus.01559	1	16,382,586	16,383,132	9	0	2	yes	TE
at_locus.01560	1	16,383,794	16,385,605	30	0	30	yes	TE
at_locus.01561	1	16,385,728	16,386,191	4	0	5	yes	TE
at_locus.01562	1	16,386,406	16,386,498	0	0	6	no	TE
at_locus.01563	1	16,386,707	16,386,942	2	0	7	yes	TE
at_locus.01564	1	16,387,144	16,387,248	0	0	5	no	TE

at_locus.01565	1	16,387,531	16,388,861	24	1	45	yes	TE
at_locus.01566	1	16,389,110	16,389,722	24	1	8	no	TE
at_locus.01567	1	16,389,888	16,390,119	6	0	0	yes	TE
at_locus.01568	1	16,402,924	16,403,441	43	0	0	yes	TE
at_locus.01569	1	16,406,271	16,406,297	5	0	0	no	TE
at_locus.01570	1	16,407,317	16,407,417	2	0	5	yes	
at_locus.01571	1	16,407,658	16,407,828	7	0	3	yes	
at_locus.01572	1	16,409,624	16,410,126	5	0	5	no	TE
at_locus.01573	1	16,416,458	16,416,862	5	0	0	yes	TE
at_locus.01574	1	16,421,090	16,421,405	55	4	2	yes	
at_locus.01575	1	16,423,294	16,423,556	20	0	2	yes	
at_locus.01576	1	16,425,619	16,425,650	4	0	0	yes	TE
at_locus.01577	1	16,433,392	16,433,666	30	77	64	yes	
at_locus.01578	1	16,433,969	16,434,164	0	7	6	yes	
at_locus.01579	1	16,434,457	16,434,549	1	23	19	yes	
at_locus.01580	1	16,434,911	16,435,106	5	7	5	yes	
at_locus.01581	1	16,435,402	16,435,502	5	6	17	no	
at_locus.01582	1	16,435,804	16,436,545	122	192	121	no	
at_locus.01583	1	16,455,103	16,455,685	9	0	7	yes	
at_locus.01584	1	16,457,708	16,457,862	7	0	1	yes	TE
at_locus.01585	1	16,458,824	16,459,065	5	0	1	no	TE
at_locus.01586	1	16,459,829	16,460,125	5	0	0	yes	TE
at_locus.01587	1	16,460,791	16,461,034	4	0	0	no	TE
at_locus.01588	1	16,477,063	16,477,828	15	0	5	yes	TE
at_locus.01589	1	16,478,087	16,478,269	4	0	2	no	TE
at_locus.01590	1	16,478,606	16,478,780	4	0	0	no	TE
at_locus.01591	1	16,479,178	16,479,258	5	0	1	no	TE
at_locus.01592	1	16,480,183	16,480,221	7	0	0	no	TE
at_locus.01593	1	16,500,318	16,500,432	6	0	3	yes	
at_locus.01594	1	16,502,125	16,502,301	4	0	1	yes	
at_locus.01595	1	16,512,848	16,512,925	0	0	5	no	TE
at_locus.01596	1	16,514,073	16,514,384	30	0	22	no	TE
at_locus.01597	1	16,515,400	16,515,647	6	0	0	yes	TE
at_locus.01598	1	16,515,792	16,517,580	85	0	43	yes	TE
at_locus.01599	1	16,518,125	16,518,704	11	1	9	no	TE
at_locus.01600	1	16,519,068	16,519,158	1	0	5	no	TE
at_locus.01601	1	16,519,475	16,520,187	6	0	7	yes	TE

at_locus.01602	1	16,521,945	16,521,967	0	0	4	no	TE
at_locus.01603	1	16,523,170	16,523,520	14	0	17	no	TE
at_locus.01604	1	16,524,537	16,526,703	87	0	46	yes	TE
at_locus.01605	1	16,527,248	16,527,827	13	1	10	no	TE
at_locus.01606	1	16,528,191	16,528,281	1	0	5	no	TE
at_locus.01607	1	16,528,598	16,529,019	3	0	4	no	TE
at_locus.01608	1	16,530,350	16,530,427	0	0	5	no	TE
at_locus.01609	1	16,540,991	16,541,016	4	0	0	yes	
at_locus.01610	1	16,547,333	16,547,356	5	0	0	no	TE
at_locus.01611	1	16,564,803	16,564,827	6	0	0	yes	
at_locus.01612	1	16,593,413	16,594,144	23	0	2	yes	TE
at_locus.01613	1	16,594,188	16,594,494	0	0	4	no	TE
at_locus.01614	1	16,595,406	16,595,480	19	0	2	no	TE
at_locus.01615	1	16,596,642	16,596,926	8	0	3	yes	
at_locus.01616	1	16,597,696	16,598,605	22	0	8	yes	TE
at_locus.01617	1	16,598,932	16,600,058	19	0	11	no	TE
at_locus.01618	1	16,600,266	16,601,381	22	1	16	yes	TE
at_locus.01619	1	16,602,046	16,602,184	4	0	1	yes	
at_locus.01620	1	16,602,794	16,603,103	7	0	4	yes	
at_locus.01621	1	16,603,308	16,603,930	16	0	9	yes	
at_locus.01622	1	16,605,138	16,605,337	10	0	6	yes	
at_locus.01623	1	16,606,430	16,607,225	38	1	19	yes	
at_locus.01624	1	16,608,006	16,608,321	7	0	1	yes	
at_locus.01625	1	16,615,749	16,616,055	28	0	0	yes	TE
at_locus.01626	1	16,616,652	16,616,691	7	0	0	no	TE
at_locus.01627	1	16,626,978	16,627,153	8	0	1	yes	TE
at_locus.01628	1	16,628,083	16,628,319	6	0	1	yes	TE
at_locus.01629	1	16,628,577	16,629,202	4	0	2	no	TE
at_locus.01630	1	16,634,179	16,634,560	0	0	4	yes	TE
at_locus.01631	1	16,639,687	16,639,786	5	0	0	yes	
at_locus.01632	1	16,648,290	16,648,395	8	0	0	yes	
at_locus.01633	1	16,653,191	16,653,327	12	0	1	yes	
at_locus.01634	1	16,668,835	16,668,868	6	0	0	yes	
at_locus.01635	1	16,676,147	16,676,269	4	0	11	yes	
at_locus.01636	1	16,684,084	16,684,487	6	0	1	yes	TE
at_locus.01637	1	16,695,779	16,696,090	5	0	1	no	TE
at_locus.01638	1	16,701,662	16,701,912	5	0	0	no	TE

at_locus.01639	1	16,702,960	16,703,224	2	0	4	yes	TE
at_locus.01640	1	16,712,459	16,712,512	13	0	0	yes	TE
at_locus.01641	1	16,714,829	16,715,101	9	0	1	yes	TE
at_locus.01642	1	16,726,166	16,726,255	1	0	5	yes	TE
at_locus.01643	1	16,740,276	16,740,604	7	2	5	yes	TE
at_locus.01644	1	16,740,847	16,740,924	39	0	2	yes	TE
at_locus.01645	1	16,744,610	16,744,669	5	0	0	yes	
at_locus.01646	1	16,751,764	16,752,166	5	0	2	no	TE
at_locus.01647	1	16,760,409	16,761,048	41	1	29	yes	
at_locus.01648	1	16,772,736	16,773,153	20	0	2	yes	
at_locus.01649	1	16,793,729	16,794,154	28	0	2	yes	TE
at_locus.01650	1	16,804,104	16,804,675	26	0	26	yes	
at_locus.01651	1	16,813,234	16,813,415	4	0	0	yes	
at_locus.01652	1	16,818,127	16,818,435	8	0	0	yes	TE
at_locus.01653	1	16,820,967	16,821,412	12	0	0	yes	
at_locus.01654	1	16,821,858	16,822,114	8	0	0	yes	TE
at_locus.01655	1	16,824,750	16,824,851	4	0	1	no	
at_locus.01656	1	16,826,958	16,826,999	4	0	0	no	TE
at_locus.01657	1	16,827,590	16,828,153	35	4	0	yes	TE
at_locus.01658	1	16,828,388	16,828,808	16	0	0	no	TE
at_locus.01659	1	16,861,074	16,861,591	7	0	0	no	TE
at_locus.01660	1	16,863,486	16,863,798	10	0	13	yes	
at_locus.01661	1	16,872,634	16,872,819	5	0	0	yes	TE
at_locus.01662	1	16,882,419	16,882,816	7	0	4	yes	
at_locus.01663	1	16,886,373	16,886,915	74	0	50	yes	
at_locus.01664	1	16,887,382	16,888,027	42	0	30	yes	
at_locus.01665	1	16,888,234	16,888,507	4	0	14	yes	TE
at_locus.01666	1	16,888,711	16,888,889	6	1	5	yes	TE
at_locus.01667	1	16,901,931	16,902,121	4	0	0	yes	
at_locus.01668	1	16,905,376	16,905,420	4	0	0	yes	
at_locus.01669	1	16,906,157	16,906,282	10	0	0	yes	TE
at_locus.01670	1	16,906,935	16,908,306	63	3	1	yes	TE
at_locus.01671	1	16,940,435	16,940,542	8	0	0	yes	
at_locus.01672	1	16,945,873	16,946,145	2	0	7	yes	TE
at_locus.01673	1	16,950,092	16,950,449	4	0	1	no	TE
at_locus.01674	1	16,953,420	16,953,574	5	0	2	yes	TE
at_locus.01675	1	16,955,242	16,955,378	6	0	0	yes	TE

at_locus.01676	1	16,968,289	16,969,010	12	0	0	yes	TE
at_locus.01677	1	16,970,091	16,970,212	7	0	1	no	TE
at_locus.01678	1	16,987,657	16,987,943	1	1	4	yes	
at_locus.01679	1	16,988,384	16,988,508	4	0	0	yes	TE
at_locus.01680	1	16,990,023	16,990,309	21	0	5	yes	TE
at_locus.01681	1	16,991,466	16,991,870	7	0	2	yes	TE
at_locus.01682	1	17,000,358	17,000,908	39	2	0	no	TE
at_locus.01683	1	17,001,118	17,001,395	6	0	1	no	TE
at_locus.01684	1	17,009,415	17,009,769	8	0	0	yes	
at_locus.01685	1	17,022,623	17,022,818	4	0	0	no	
at_locus.01686	1	17,037,963	17,038,036	5	0	0	no	TE
at_locus.01687	1	17,038,051	17,039,130	17	0	23	no	TE
at_locus.01688	1	17,040,158	17,040,208	4	0	0	no	TE
at_locus.01689	1	17,040,960	17,041,101	1	0	8	no	TE
at_locus.01690	1	17,041,716	17,041,982	5	0	0	no	TE
at_locus.01691	1	17,045,234	17,045,723	1	0	4	no	TE
at_locus.01692	1	17,049,958	17,050,305	2	0	3	no	TE
at_locus.01693	1	17,051,957	17,052,228	4	0	3	no	TE
at_locus.01694	1	17,073,844	17,073,987	17	1	1	yes	TE
at_locus.01695	1	17,079,370	17,079,618	5	0	0	yes	TE
at_locus.01696	1	17,096,983	17,097,634	0	0	2	no	
at_locus.01697	1	17,104,669	17,104,754	4	1	0	yes	TE
at_locus.01698	1	17,110,626	17,110,874	4	0	1	no	TE
at_locus.01699	1	17,112,607	17,112,757	4	0	0	yes	TE
at_locus.01700	1	17,114,227	17,114,914	55	1	23	yes	
at_locus.01701	1	17,138,500	17,138,830	26	2	2	yes	
at_locus.01702	1	17,140,299	17,140,572	19	1	2	no	
at_locus.01703	1	17,142,044	17,142,317	19	1	2	no	
at_locus.01704	1	17,143,784	17,144,057	22	2	3	no	
at_locus.01705	1	17,147,313	17,147,538	19	2	2	no	
at_locus.01706	1	17,154,257	17,154,374	5	2	1	yes	TE
at_locus.01707	1	17,190,320	17,190,703	11	0	7	yes	
at_locus.01708	1	17,196,763	17,196,919	0	0	4	yes	TE
at_locus.01709	1	17,203,929	17,204,492	23	1	2	yes	TE
at_locus.01710	1	17,206,149	17,206,258	0	0	7	no	
at_locus.01711	1	17,216,278	17,216,926	5	0	17	yes	TE
at_locus.01712	1	17,231,545	17,231,661	6	0	2	yes	TE

at_locus.01713	1	17,231,946	17,232,356	7	0	2	yes	
at_locus.01714	1	17,260,186	17,260,357	2	0	4	yes	
at_locus.01715	1	17,269,510	17,269,900	6	0	0	yes	TE
at_locus.01716	1	17,284,436	17,284,624	4	0	1	yes	
at_locus.01717	1	17,284,837	17,284,909	2	0	0	no	
at_locus.01718	1	17,291,707	17,291,916	8	0	0	yes	
at_locus.01719	1	17,302,358	17,302,420	12	0	0	yes	
at_locus.01720	1	17,302,685	17,302,747	4	1	0	yes	TE
at_locus.01721	1	17,327,264	17,327,340	5	0	0	yes	
at_locus.01722	1	17,335,559	17,335,695	23	0	0	yes	TE
at_locus.01723	1	17,337,797	17,338,080	7	0	0	yes	
at_locus.01724	1	17,372,033	17,372,218	10	0	2	no	
at_locus.01725	1	17,384,275	17,384,556	8	0	1	yes	
at_locus.01726	1	17,408,107	17,408,290	12	0	1	no	TE
at_locus.01727	1	17,408,545	17,408,568	4	0	0	no	TE
at_locus.01728	1	17,433,600	17,433,726	6	0	1	no	
at_locus.01729	1	17,444,141	17,444,176	8	0	0	yes	
at_locus.01730	1	17,451,952	17,452,310	5	1	2	yes	TE
at_locus.01731	1	17,456,529	17,456,546	0	0	9	yes	
at_locus.01732	1	17,486,409	17,486,513	0	5	0	yes	
at_locus.01733	1	17,492,758	17,493,488	10	1	8	yes	TE
at_locus.01734	1	17,504,698	17,504,739	7	0	0	no	TE
at_locus.01735	1	17,504,954	17,505,249	14	0	1	yes	TE
at_locus.01736	1	17,513,718	17,513,742	8	0	1	no	
at_locus.01737	1	17,515,396	17,515,644	7	0	1	yes	
at_locus.01738	1	17,517,478	17,517,857	6	0	3	yes	TE
at_locus.01739	1	17,531,161	17,531,626	17	0	5	no	
at_locus.01740	1	17,537,951	17,538,569	18	1	5	no	
at_locus.01741	1	17,543,317	17,543,981	6	0	8	yes	
at_locus.01742	1	17,545,395	17,546,217	7	0	7	yes	
at_locus.01743	1	17,546,445	17,547,290	20	0	34	yes	TE
at_locus.01744	1	17,548,612	17,549,463	12	1	8	yes	
at_locus.01745	1	17,549,691	17,550,396	18	0	25	yes	TE
at_locus.01746	1	17,551,757	17,552,400	14	1	3	yes	
at_locus.01747	1	17,554,485	17,554,562	5	0	0	no	TE
at_locus.01748	1	17,555,208	17,555,438	17	0	0	no	TE
at_locus.01749	1	17,563,308	17,563,356	8	0	0	yes	

at_locus.01750	1	17,563,631	17,563,652	0	5	1	yes	TE
at_locus.01751	1	17,578,528	17,578,584	4	0	0	yes	
at_locus.01752	1	17,607,992	17,608,479	8	0	1	yes	TE
at_locus.01753	1	17,614,203	17,614,329	5	0	0	yes	TE
at_locus.01754	1	17,623,312	17,623,771	5	0	2	yes	
at_locus.01755	1	17,623,979	17,624,122	1	0	4	no	TE
at_locus.01756	1	17,641,741	17,641,806	4	0	0	yes	
at_locus.01757	1	17,643,531	17,645,657	389	6	67	yes	
at_locus.01758	1	17,663,440	17,663,864	17	1	2	yes	TE
at_locus.01759	1	17,668,698	17,668,873	13	0	1	yes	TE
at_locus.01760	1	17,669,747	17,669,916	6	0	0	no	TE
at_locus.01761	1	17,676,892	17,677,363	1	0	7	yes	
at_locus.01762	1	17,693,302	17,693,922	37	0	20	yes	TE
at_locus.01763	1	17,694,201	17,694,245	4	0	3	no	TE
at_locus.01764	1	17,713,246	17,713,407	34	1	3	no	TE
at_locus.01765	1	17,714,356	17,714,432	16	0	0	no	TE
at_locus.01766	1	17,717,250	17,718,271	53	3	9	no	TE
at_locus.01767	1	17,730,849	17,730,957	4	0	0	yes	TE
at_locus.01768	1	17,826,297	17,826,505	3	0	6	yes	
at_locus.01769	1	17,827,344	17,827,826	7	0	10	yes	
at_locus.01770	1	17,829,390	17,829,497	199	247	38	yes	
at_locus.01771	1	17,844,331	17,844,457	9	0	0	yes	
at_locus.01772	1	17,846,106	17,846,225	4	0	0	no	TE
at_locus.01773	1	17,848,411	17,848,875	7	0	4	no	TE
at_locus.01774	1	17,864,846	17,864,994	7	0	0	yes	TE
at_locus.01775	1	17,877,749	17,877,846	9	0	0	yes	TE
at_locus.01776	1	17,903,577	17,903,616	7	0	0	no	TE
at_locus.01777	1	17,904,239	17,905,491	33	1	0	no	TE
at_locus.01778	1	17,940,836	17,941,627	22	1	4	yes	TE
at_locus.01779	1	18,005,853	18,006,355	8	0	4	no	TE
at_locus.01780	1	18,008,190	18,008,302	4	0	0	yes	TE
at_locus.01781	1	18,008,912	18,008,993	0	0	4	no	TE
at_locus.01782	1	18,009,336	18,009,715	0	0	5	yes	TE
at_locus.01783	1	18,010,512	18,010,928	6	0	5	no	TE
at_locus.01784	1	18,016,902	18,017,232	54	0	1	no	TE
at_locus.01785	1	18,017,997	18,018,042	0	0	6	no	TE
at_locus.01786	1	18,018,970	18,019,238	5	0	1	no	TE



at_locus.01787	1	18,019,720	18,019,863	2	0	4	no	TE
at_locus.01788	1	18,021,079	18,021,748	57	0	2	no	TE
at_locus.01789	1	18,023,358	18,023,499	21	0	0	yes	
at_locus.01790	1	18,023,911	18,024,410	6	1	13	yes	
at_locus.01791	1	18,030,656	18,030,677	74	175	6	yes	
at_locus.01792	1	18,051,807	18,051,849	4	0	0	yes	
at_locus.01793	1	18,059,502	18,059,657	4	0	0	yes	
at_locus.01794	1	18,092,347	18,093,133	29	2	0	yes	
at_locus.01795	1	18,097,185	18,097,563	22	0	7	yes	
at_locus.01796	1	18,098,264	18,098,888	67	0	47	yes	
at_locus.01797	1	18,099,338	18,099,797	176	11	27	yes	
at_locus.01798	1	18,100,033	18,100,270	4	0	0	yes	TE
at_locus.01799	1	18,114,475	18,114,993	22	0	3	yes	
at_locus.01800	1	18,135,597	18,135,634	4	0	0	yes	
at_locus.01801	1	18,139,639	18,139,748	4	0	0	yes	
at_locus.01802	1	18,159,242	18,160,114	6	0	2	no	TE
at_locus.01803	1	18,161,774	18,161,809	4	0	0	no	TE
at_locus.01804	1	18,163,040	18,163,357	2	0	4	yes	TE
at_locus.01805	1	18,163,623	18,163,734	5	0	0	yes	TE
at_locus.01806	1	18,166,746	18,167,088	1	0	4	no	TE
at_locus.01807	1	18,168,063	18,168,519	11	0	0	yes	TE
at_locus.01808	1	18,169,130	18,169,470	13	0	0	yes	
at_locus.01809	1	18,196,118	18,196,328	4	0	3	no	
at_locus.01810	1	18,215,266	18,215,367	6	0	0	yes	
at_locus.01811	1	18,222,309	18,222,344	4	0	1	no	
at_locus.01812	1	18,228,799	18,229,193	19	0	0	yes	
at_locus.01813	1	18,229,644	18,230,413	269	4	2	yes	
at_locus.01814	1	18,285,755	18,286,276	20	1	10	yes	
at_locus.01815	1	18,301,200	18,301,279	12	0	1	no	TE
at_locus.01816	1	18,303,940	18,304,087	10	0	0	no	TE
at_locus.01817	1	18,304,781	18,304,808	4	0	0	no	TE
at_locus.01818	1	18,305,513	18,305,984	7	0	3	no	TE
at_locus.01819	1	18,324,320	18,324,932	34	0	1	yes	TE
at_locus.01820	1	18,328,789	18,328,926	4	0	0	yes	
at_locus.01821	1	18,383,991	18,384,211	5	0	1	no	
at_locus.01822	1	18,390,091	18,391,116	27	0	8	yes	TE
at_locus.01823	1	18,460,902	18,460,981	5	0	0	yes	TE

at_locus.01824	1	18,523,192	18,523,400	0	6	1	yes	
at_locus.01825	1	18,551,799	18,552,010	18	2	1	no	
at_locus.01826	1	18,552,983	18,553,570	156	584	157	yes	
at_locus.01827	1	18,556,972	18,557,032	4	0	0	no	
at_locus.01828	1	18,583,943	18,584,118	1	0	9	yes	
at_locus.01829	1	18,584,699	18,585,196	5	0	4	yes	
at_locus.01830	1	18,603,468	18,604,158	8	0	2	yes	TE
at_locus.01831	1	18,635,943	18,636,591	20	0	1	yes	TE
at_locus.01832	1	18,637,182	18,637,223	7	0	1	no	TE
at_locus.01833	1	18,648,387	18,648,421	5	0	17	no	
at_locus.01834	1	18,748,873	18,749,098	7	0	0	no	TE
at_locus.01835	1	18,749,731	18,749,978	38	0	1	yes	TE
at_locus.01836	1	18,750,631	18,750,708	10	0	0	no	TE
at_locus.01837	1	18,770,206	18,770,284	10	0	0	yes	TE
at_locus.01838	1	18,793,771	18,793,808	8	0	0	no	TE
at_locus.01839	1	18,794,262	18,794,680	28	0	0	yes	TE
at_locus.01840	1	18,795,171	18,795,855	30	0	1	no	TE
at_locus.01841	1	18,796,233	18,796,530	18	0	0	no	TE
at_locus.01842	1	18,808,752	18,808,780	4	0	0	no	TE
at_locus.01843	1	18,810,589	18,810,629	4	0	0	yes	
at_locus.01844	1	18,851,672	18,851,966	5	0	4	no	TE
at_locus.01845	1	18,856,367	18,856,803	7	0	2	no	TE
at_locus.01846	1	18,863,038	18,863,183	5	0	2	yes	
at_locus.01847	1	18,898,206	18,899,010	26	0	10	yes	TE
at_locus.01848	1	18,909,867	18,910,239	104	3	8	yes	
at_locus.01849	1	18,934,712	18,935,002	7	0	0	yes	TE
at_locus.01850	1	18,970,351	18,970,665	1	0	4	yes	TE
at_locus.01851	1	18,973,379	18,973,755	1	0	6	yes	TE
at_locus.01852	1	18,984,313	18,984,525	4	0	0	yes	TE
at_locus.01853	1	18,984,971	18,984,995	16	0	1	yes	TE
at_locus.01854	1	18,985,290	18,985,650	4	0	3	yes	
at_locus.01855	1	19,027,375	19,027,819	13	0	12	yes	
at_locus.01856	1	19,028,081	19,028,107	5	0	3	yes	
at_locus.01857	1	19,030,560	19,030,921	50	1	2	no	TE
at_locus.01858	1	19,031,171	19,031,522	20	0	1	no	TE
at_locus.01859	1	19,065,633	19,065,718	16	0	0	no	TE
at_locus.01860	1	19,066,398	19,066,563	7	0	0	no	TE

at_locus.01861	1	19,067,020	19,067,585	37	0	1	no	TE
at_locus.01862	1	19,076,743	19,077,164	14	1	16	yes	TE
at_locus.01863	1	19,088,767	19,088,983	17	0	0	no	TE
at_locus.01864	1	19,089,999	19,090,285	24	0	1	yes	TE
at_locus.01865	1	19,175,954	19,176,230	22	0	0	no	TE
at_locus.01866	1	19,177,391	19,177,470	11	0	0	no	TE
at_locus.01867	1	19,184,011	19,184,048	11	0	0	yes	
at_locus.01868	1	19,223,702	19,223,737	4	0	0	yes	TE
at_locus.01869	1	19,230,030	19,230,151	8	0	0	yes	
at_locus.01870	1	19,251,660	19,251,930	21	0	3	no	TE
at_locus.01871	1	19,252,268	19,252,777	49	0	3	no	TE
at_locus.01872	1	19,307,481	19,307,748	7	2	1	yes	
at_locus.01873	1	19,331,024	19,331,153	26	1	0	no	TE
at_locus.01874	1	19,331,886	19,332,228	9	2	0	no	TE
at_locus.01875	1	19,332,887	19,332,917	7	0	0	no	TE
at_locus.01876	1	19,339,984	19,340,376	25	1	1	yes	TE
at_locus.01877	1	19,340,531	19,340,983	4	0	14	no	TE
at_locus.01878	1	19,341,173	19,341,505	9	0	9	no	TE
at_locus.01879	1	19,341,904	19,342,453	4	0	11	no	TE
at_locus.01880	1	19,342,677	19,343,038	4	0	9	no	TE
at_locus.01881	1	19,343,214	19,343,515	4	0	1	yes	TE
at_locus.01882	1	19,343,902	19,344,305	1	0	5	no	TE
at_locus.01883	1	19,344,694	19,345,259	9	0	8	no	TE
at_locus.01884	1	19,347,059	19,347,171	1	0	4	no	TE
at_locus.01885	1	19,347,511	19,348,192	10	0	6	no	TE
at_locus.01886	1	19,348,240	19,349,017	15	0	25	yes	TE
at_locus.01887	1	19,349,081	19,349,153	4	0	0	no	TE
at_locus.01888	1	19,356,553	19,356,634	10	0	0	yes	TE
at_locus.01889	1	19,356,996	19,357,104	5	0	0	yes	TE
at_locus.01890	1	19,379,476	19,379,938	0	0	4	no	TE
at_locus.01891	1	19,384,039	19,384,416	9	0	5	no	TE
at_locus.01892	1	19,393,309	19,393,435	7	0	0	yes	TE
at_locus.01893	1	19,402,223	19,402,250	4	0	0	yes	
at_locus.01894	1	19,406,982	19,407,131	5	0	0	no	TE
at_locus.01895	1	19,407,784	19,408,040	5	0	1	no	
at_locus.01896	1	19,428,537	19,428,624	8	0	0	yes	
at_locus.01897	1	19,432,656	19,432,692	4	0	0	yes	

at_locus.01898	1	19,433,951	19,434,123	5	0	0	yes	
at_locus.01899	1	19,468,755	19,469,566	27	0	1	no	TE
at_locus.01900	1	19,469,782	19,469,908	6	2	0	no	TE
at_locus.01901	1	19,470,533	19,470,618	7	0	0	no	TE
at_locus.01903	1	19,580,032	19,580,310	12	0	2	yes	
at_locus.01904	1	19,580,714	19,581,878	128	5	148	yes	
at_locus.01905	1	19,598,230	19,598,255	4	0	0	no	TE
at_locus.01906	1	19,669,616	19,669,700	21	0	1	no	TE
at_locus.01907	1	19,670,151	19,670,338	7	0	0	yes	TE
at_locus.01908	1	19,721,604	19,721,870	4	0	1	no	TE
at_locus.01909	1	19,732,308	19,732,980	26	0	9	no	TE
at_locus.01910	1	19,745,215	19,745,804	16	0	0	yes	TE
at_locus.01911	1	19,747,918	19,747,950	5	0	0	yes	
at_locus.01912	1	19,771,660	19,773,482	67	4	0	no	TE
at_locus.01913	1	19,783,998	19,784,660	15	0	2	yes	TE
at_locus.01914	1	19,813,537	19,813,575	4	0	0	yes	TE
at_locus.01915	1	19,947,372	19,948,304	16	0	12	yes	TE
at_locus.01916	1	19,997,470	19,997,782	28	1	0	no	TE
at_locus.01917	1	19,998,017	19,998,639	17	0	1	yes	TE
at_locus.01918	1	19,999,317	19,999,402	16	0	0	no	TE
at_locus.01919	1	20,027,999	20,028,164	6	0	0	yes	
at_locus.01920	1	20,036,917	20,037,366	10	0	0	yes	TE
at_locus.01921	1	20,043,223	20,043,245	21	19	24	no	
at_locus.01922	1	20,045,253	20,045,275	21	19	24	no	
at_locus.01923	1	20,116,393	20,116,543	4	0	0	no	
at_locus.01924	1	20,116,937	20,117,051	4	0	0	no	
at_locus.01925	1	20,128,958	20,129,108	4	0	0	no	
at_locus.01926	1	20,129,502	20,129,616	4	0	0	no	
at_locus.01927	1	20,171,134	20,171,222	6	0	0	no	TE
at_locus.01928	1	20,191,215	20,191,675	11	0	7	yes	
at_locus.01929	1	20,210,369	20,210,523	20	1	0	yes	
at_locus.01930	1	20,211,845	20,211,935	4	0	0	no	
at_locus.01931	1	20,316,799	20,317,038	0	0	4	yes	
at_locus.01932	1	20,317,866	20,318,195	2	0	4	no	TE
at_locus.01933	1	20,323,306	20,324,202	13	0	9	yes	TE
at_locus.01934	1	20,333,808	20,334,031	5	0	0	no	TE
at_locus.01935	1	20,366,578	20,366,779	7	0	0	yes	

at_locus.01936	1	20,371,062	20,371,150	7	1	0	yes	TE
at_locus.01937	1	20,401,299	20,401,803	2	0	15	yes	
at_locus.01938	1	20,402,434	20,402,607	0	0	6	yes	
at_locus.01939	1	20,407,195	20,407,232	6	0	0	yes	
at_locus.01940	1	20,415,977	20,416,086	17	0	0	yes	
at_locus.01942	1	20,436,684	20,436,916	9	0	0	yes	TE
at_locus.01943	1	20,466,254	20,466,392	12	0	0	yes	
at_locus.01944	1	20,470,163	20,470,617	5	2	2	yes	
at_locus.01945	1	20,471,261	20,471,650	0	0	5	yes	
at_locus.01946	1	20,471,817	20,471,958	9	0	0	yes	
at_locus.01947	1	20,473,207	20,473,365	4	0	1	yes	
at_locus.01948	1	20,473,626	20,473,821	22	0	15	yes	TE
at_locus.01949	1	20,480,437	20,481,343	15	0	17	no	TE
at_locus.01950	1	20,492,666	20,493,385	11	0	11	no	TE
at_locus.01951	1	20,496,224	20,496,473	5	0	0	yes	TE
at_locus.01952	1	20,517,346	20,517,375	4	0	0	no	TE
at_locus.01953	1	20,518,023	20,518,242	4	0	0	no	TE
at_locus.01954	1	20,524,050	20,524,301	4	0	0	yes	TE
at_locus.01955	1	20,528,988	20,529,215	6	0	1	yes	
at_locus.01956	1	20,563,366	20,563,482	14	0	0	no	TE
at_locus.01957	1	20,626,045	20,626,466	5	0	0	yes	TE
at_locus.01958	1	20,628,709	20,628,785	5	0	0	yes	
at_locus.01959	1	20,687,027	20,687,255	17	0	1	no	TE
at_locus.01960	1	20,687,566	20,688,476	16	1	17	yes	TE
at_locus.01961	1	20,703,467	20,703,721	7	0	0	yes	
at_locus.01962	1	20,707,887	20,708,211	7	0	1	yes	TE
at_locus.01963	1	20,737,798	20,737,913	9	0	0	yes	
at_locus.01964	1	20,918,612	20,918,838	5	0	0	yes	
at_locus.01965	1	20,929,891	20,930,134	2	0	9	yes	
at_locus.01966	1	20,930,832	20,931,104	5	1	3	yes	
at_locus.01967	1	20,972,195	20,972,318	0	4	0	yes	
at_locus.01968	1	20,976,174	20,976,326	8	0	1	no	TE
at_locus.01969	1	20,976,772	20,977,208	16	0	5	no	TE
at_locus.01970	1	20,977,413	20,977,746	11	0	0	yes	TE
at_locus.01971	1	20,983,107	20,984,597	82	0	29	yes	TE
at_locus.01972	1	21,038,229	21,038,454	8	0	2	yes	
at_locus.01973	1	21,038,754	21,038,793	4	0	0	yes	

at_locus.01974	1	21,070,243	21,070,581	8	0	10	yes	
at_locus.01975	1	21,085,292	21,085,613	4	0	9	yes	
at_locus.01976	1	21,128,373	21,128,531	4	0	0	yes	
at_locus.01977	1	21,128,666	21,129,039	2	0	4	yes	
at_locus.01978	1	21,132,322	21,132,528	9	0	0	yes	TE
at_locus.01979	1	21,135,552	21,135,628	5	1	0	no	TE
at_locus.01980	1	21,213,916	21,214,336	12	0	1	no	TE
at_locus.01981	1	21,214,460	21,214,938	60	2	7	no	TE
at_locus.01982	1	21,219,592	21,220,245	8	0	11	yes	
at_locus.01983	1	21,227,586	21,227,634	9	0	0	yes	
at_locus.01984	1	21,250,094	21,250,373	2	0	4	no	TE
at_locus.01985	1	21,251,360	21,251,673	0	0	5	no	TE
at_locus.01986	1	21,263,821	21,263,901	13	0	1	no	TE
at_locus.01987	1	21,267,153	21,267,172	0	5	0	yes	
at_locus.02020	1	21,338,870	21,339,057	8	0	1	yes	
at_locus.02021	1	21,339,466	21,340,094	25	0	0	yes	TE
at_locus.02022	1	21,345,197	21,345,372	4	0	0	no	TE
at_locus.02023	1	21,346,017	21,346,094	4	0	0	no	TE
at_locus.02024	1	21,349,877	21,350,126	5	0	0	no	TE
at_locus.02025	1	21,351,125	21,351,630	2	0	5	no	TE
at_locus.02026	1	21,352,985	21,353,154	5	0	0	no	TE
at_locus.02027	1	21,354,314	21,354,843	9	0	2	yes	TE
at_locus.02028	1	21,383,623	21,383,656	0	4	0	yes	
at_locus.02029	1	21,393,761	21,394,070	24	2	1	yes	
at_locus.02030	1	21,396,269	21,396,542	9	0	0	yes	TE
at_locus.02031	1	21,403,416	21,403,661	15	1	0	no	
at_locus.02032	1	21,405,058	21,405,309	21	2	1	yes	
at_locus.02033	1	21,422,265	21,422,319	8	0	0	yes	
at_locus.02034	1	21,432,015	21,432,159	9	0	0	yes	TE
at_locus.02035	1	21,453,890	21,454,135	6	0	5	no	TE
at_locus.02036	1	21,474,053	21,474,132	10	1	0	yes	
at_locus.02037	1	21,475,175	21,475,531	4	0	0	yes	TE
at_locus.02038	1	21,480,805	21,481,054	7	0	5	yes	
at_locus.02039	1	21,511,482	21,511,716	20	0	0	yes	
at_locus.02040	1	21,513,355	21,513,507	1	0	4	yes	TE
at_locus.02041	1	21,528,697	21,529,366	39	0	2	yes	TE
at_locus.02042	1	21,531,111	21,531,478	6	0	1	no	TE

at_locus.02043	1	21,532,307	21,532,352	0	0	6	no	TE
at_locus.02044	1	21,532,378	21,532,867	4	0	2	no	TE
at_locus.02045	1	21,533,117	21,533,442	17	0	1	yes	TE
at_locus.02046	1	21,586,604	21,586,868	4	0	0	yes	TE
at_locus.02047	1	21,613,012	21,613,588	10	0	1	yes	
at_locus.02048	1	21,618,964	21,619,174	9	0	0	no	TE
at_locus.02049	1	21,619,728	21,619,816	7	0	0	yes	TE
at_locus.02050	1	21,632,461	21,632,510	4	0	0	no	TE
at_locus.02051	1	21,641,727	21,641,801	6	1	0	yes	
at_locus.02052	1	21,644,181	21,644,428	9	0	0	yes	
at_locus.02053	1	21,685,131	21,685,783	10	2	5	yes	TE
at_locus.02054	1	21,685,971	21,686,141	14	0	0	no	TE
at_locus.02055	1	21,692,848	21,693,041	0	10	0	no	
at_locus.02056	1	21,714,171	21,714,214	11	0	0	yes	
at_locus.02057	1	21,742,724	21,742,879	10	0	0	yes	TE
at_locus.02058	1	21,744,259	21,744,652	12	1	5	yes	
at_locus.02059	1	21,745,300	21,745,596	4	0	5	yes	TE
at_locus.02060	1	21,759,272	21,759,421	1	0	4	yes	
at_locus.02061	1	21,770,058	21,770,317	7	1	2	yes	
at_locus.02062	1	21,774,621	21,774,814	0	10	0	no	
at_locus.02063	1	21,775,638	21,775,793	8	0	0	no	
at_locus.02064	1	21,780,913	21,782,000	11	1	16	no	TE
at_locus.02065	1	21,782,918	21,783,028	9	0	3	no	
at_locus.02066	1	21,788,579	21,788,838	7	1	2	no	
at_locus.02067	1	21,790,579	21,790,768	12	0	0	no	TE
at_locus.02068	1	21,792,483	21,793,570	11	1	16	no	TE
at_locus.02069	1	21,794,486	21,794,596	9	0	3	no	
at_locus.02070	1	21,798,779	21,798,933	0	3	0	no	
at_locus.02071	1	21,806,456	21,806,575	7	1	0	no	
at_locus.02072	1	21,810,879	21,811,072	0	10	0	no	
at_locus.02073	1	21,811,896	21,812,051	8	0	0	no	
at_locus.02074	1	21,817,171	21,818,258	11	1	16	no	TE
at_locus.02075	1	21,819,176	21,819,286	9	0	3	no	
at_locus.02076	1	21,824,837	21,825,096	7	1	2	no	
at_locus.02077	1	21,826,837	21,827,026	12	0	0	no	TE
at_locus.02078	1	21,828,741	21,829,828	11	1	16	no	TE
at_locus.02079	1	21,830,744	21,830,854	9	0	3	no	

at_locus.02080	1	21,835,037	21,835,191	0	3	0	no	
at_locus.02081	1	21,842,714	21,842,833	7	1	0	no	
at_locus.02082	1	21,847,137	21,847,330	0	10	0	no	
at_locus.02083	1	21,848,154	21,848,309	8	0	0	no	
at_locus.02084	1	21,857,358	21,857,485	26	3	0	yes	TE
at_locus.02085	1	21,922,101	21,922,551	37	1	0	no	TE
at_locus.02086	1	21,950,811	21,950,950	5	0	0	yes	TE
at_locus.02087	1	21,994,856	21,995,080	6	0	3	no	TE
at_locus.02088	1	21,996,382	21,996,644	4	0	0	yes	TE
at_locus.02089	1	21,999,802	21,999,826	4	0	0	yes	TE
at_locus.02090	1	22,028,712	22,028,757	13	0	2	yes	
at_locus.02091	1	22,046,432	22,046,655	8	1	1	yes	
at_locus.02092	1	22,060,214	22,060,239	1	4	0	no	
at_locus.02093	1	22,063,175	22,063,551	4	0	5	no	
at_locus.02094	1	22,064,344	22,064,381	4	0	0	yes	TE
at_locus.02095	1	22,064,809	22,065,210	5	0	6	yes	
at_locus.02096	1	22,071,342	22,071,401	5	0	0	yes	
at_locus.02097	1	22,088,633	22,088,998	11	0	1	yes	
at_locus.02098	1	22,092,781	22,092,908	10	0	0	yes	
at_locus.02099	1	22,109,025	22,109,160	27	0	0	no	TE
at_locus.02100	1	22,109,520	22,110,286	12	1	5	no	TE
at_locus.02101	1	22,115,809	22,115,906	7	0	2	no	TE
at_locus.02102	1	22,116,229	22,116,371	14	0	0	no	TE
at_locus.02103	1	22,166,142	22,166,232	4	0	0	yes	TE
at_locus.02104	1	22,166,907	22,169,567	34	0	44	yes	TE
at_locus.02105	1	22,170,060	22,170,950	4	0	13	yes	TE
at_locus.02106	1	22,171,200	22,171,559	5	0	0	yes	TE
at_locus.02107	1	22,195,711	22,195,745	4	0	0	no	TE
at_locus.02108	1	22,196,078	22,196,116	13	0	0	no	TE
at_locus.02109	1	22,228,339	22,228,490	12	1	0	yes	
at_locus.02110	1	22,257,945	22,258,239	7	0	0	yes	
at_locus.02111	1	22,264,715	22,264,793	11	1	0	yes	
at_locus.02112	1	22,264,996	22,265,189	6	0	0	yes	
at_locus.02113	1	22,326,795	22,327,186	10	0	6	yes	
at_locus.02114	1	22,361,206	22,361,628	13	0	1	no	TE
at_locus.02115	1	22,376,205	22,376,436	4	4	0	yes	
at_locus.02116	1	22,412,562	22,412,761	9	0	3	yes	



at_locus.02117	1	22,447,301	22,447,550	5	0	0	yes	
at_locus.02118	1	22,454,369	22,455,668	52	3	1	no	TE
at_locus.02119	1	22,463,932	22,464,002	5	0	0	yes	
at_locus.02120	1	22,545,805	22,545,885	6	0	0	no	TE
at_locus.02121	1	22,566,369	22,566,717	6	0	0	yes	TE
at_locus.02122	1	22,596,292	22,596,380	10	0	0	yes	
at_locus.02123	1	22,624,497	22,624,649	28	1	1	yes	TE
at_locus.02124	1	22,625,009	22,625,128	16	0	0	no	TE
at_locus.02125	1	22,625,350	22,625,412	5	0	0	no	TE
at_locus.02126	1	22,625,895	22,625,962	7	0	0	no	TE
at_locus.02127	1	22,697,618	22,697,831	4	0	0	yes	TE
at_locus.02128	1	22,698,147	22,698,744	7	0	5	no	TE
at_locus.02129	1	22,702,788	22,703,018	6	0	1	yes	TE
at_locus.02130	1	22,735,753	22,735,988	5	0	0	no	
at_locus.02131	1	22,746,808	22,747,096	10	0	0	yes	
at_locus.02132	1	22,783,607	22,783,704	7	0	0	yes	
at_locus.02133	1	22,832,567	22,832,810	6	0	1	yes	TE
at_locus.02134	1	22,876,014	22,876,615	18	0	5	yes	TE
at_locus.02135	1	22,891,536	22,891,849	8	0	5	yes	
at_locus.02136	1	22,892,780	22,893,201	29	1	12	yes	
at_locus.02137	1	22,894,297	22,894,350	5	0	0	yes	
at_locus.02138	1	22,933,759	22,933,842	10	23	28	yes	
at_locus.02139	1	22,989,062	22,989,346	4	0	0	yes	
at_locus.02140	1	22,995,912	22,996,469	48	2	0	no	TE
at_locus.02141	1	22,996,691	22,997,009	10	0	0	no	TE
at_locus.02142	1	22,997,689	22,997,718	7	0	0	no	TE
at_locus.02143	1	23,035,244	23,035,464	23	0	0	yes	TE
at_locus.02144	1	23,071,849	23,072,086	9	1	1	yes	
at_locus.02145	1	23,097,397	23,097,519	13	1	0	yes	TE
at_locus.02146	1	23,121,994	23,122,367	8	0	0	no	TE
at_locus.02147	1	23,126,024	23,126,239	0	0	5	no	TE
at_locus.02148	1	23,126,544	23,126,780	8	0	0	no	TE
at_locus.02149	1	23,128,893	23,129,356	35	1	1	no	TE
at_locus.02150	1	23,132,945	23,133,096	2	6	1	yes	
at_locus.02151	1	23,156,178	23,156,837	29	0	10	yes	
at_locus.02152	1	23,156,874	23,156,921	7	0	0	no	
at_locus.02153	1	23,168,668	23,168,727	4	0	0	yes	

at_locus.02154	1	23,178,076	23,178,368	15	2	1	no	TE
at_locus.02155	1	23,181,719	23,182,274	14	28	7	no	
at_locus.02156	1	23,194,543	23,194,682	6	0	0	no	
at_locus.02157	1	23,201,185	23,201,524	4	0	0	yes	TE
at_locus.02158	1	23,208,670	23,209,064	2	17	3	no	
at_locus.02159	1	23,209,281	23,209,751	8	24	11	no	
at_locus.02160	1	23,216,093	23,216,197	5	0	0	yes	TE
at_locus.02161	1	23,217,319	23,217,410	11	0	0	yes	TE
at_locus.02162	1	23,218,040	23,219,036	47	4	1	no	TE
at_locus.02163	1	23,243,969	23,244,113	10	0	1	yes	TE
at_locus.02164	1	23,279,788	23,280,051	2	18	12	yes	
at_locus.02165	1	23,284,123	23,284,436	14	0	0	yes	
at_locus.02166	1	23,299,965	23,300,462	10	1	8	no	TE
at_locus.02167	1	23,300,720	23,300,924	6	0	0	no	TE
at_locus.02168	1	23,303,289	23,304,391	50	198	68	yes	
at_locus.02169	1	23,305,790	23,306,777	51	143	49	yes	
at_locus.02170	1	23,309,687	23,309,834	5	0	0	yes	TE
at_locus.02171	1	23,310,862	23,311,734	15	84	32	no	
at_locus.02172	1	23,349,052	23,349,164	5	4	0	yes	
at_locus.02173	1	23,389,548	23,390,250	12	37	11	no	
at_locus.02174	1	23,392,593	23,393,904	24	73	33	yes	
at_locus.02175	1	23,417,047	23,418,057	30	122	44	yes	
at_locus.02176	1	23,423,628	23,424,608	39	148	56	yes	
at_locus.02177	1	23,439,443	23,439,699	5	0	1	yes	
at_locus.02178	1	23,455,133	23,455,569	1	19	3	yes	
at_locus.02179	1	23,457,297	23,458,664	218	0	185	yes	
at_locus.02180	1	23,492,903	23,493,289	3	19	7	no	
at_locus.02181	1	23,493,869	23,494,424	14	30	8	no	
at_locus.02182	1	23,511,574	23,512,753	28	80	24	no	
at_locus.02183	1	23,557,458	23,557,711	11	0	0	no	TE
at_locus.02184	1	23,558,029	23,558,104	13	0	0	no	TE
at_locus.02185	1	23,570,009	23,570,248	8	0	0	yes	
at_locus.02186	1	23,590,847	23,590,869	2	18	10	no	
at_locus.02187	1	23,591,298	23,591,523	3	23	4	no	
at_locus.02188	1	23,617,245	23,617,298	6	0	0	yes	
at_locus.02189	1	23,643,758	23,643,931	4	0	0	yes	
at_locus.02190	1	23,655,264	23,655,444	16	0	0	yes	

at_locus.02191	1	23,727,296	23,727,613	13	0	0	yes	
at_locus.02192	1	23,879,027	23,879,230	10	0	0	no	
at_locus.02193	1	23,880,194	23,880,264	14	2	0	no	TE
at_locus.02194	1	23,880,497	23,880,911	27	1	0	yes	TE
at_locus.02195	1	23,884,196	23,884,591	18	0	26	yes	
at_locus.02196	1	23,888,487	23,889,013	6	0	19	yes	
at_locus.02197	1	23,910,810	23,910,994	14	0	0	yes	
at_locus.02198	1	23,929,228	23,929,278	4	0	0	yes	
at_locus.02199	1	23,944,202	23,944,530	3	0	5	yes	TE
at_locus.02200	1	24,030,977	24,031,256	5	0	1	no	TE
at_locus.02201	1	24,194,499	24,194,608	3	6	4	yes	
at_locus.02202	1	24,254,560	24,254,657	22	0	0	yes	
at_locus.02203	1	24,354,246	24,354,490	6	0	0	yes	TE
at_locus.02204	1	24,355,298	24,355,493	5	0	0	yes	TE
at_locus.02205	1	24,355,790	24,356,302	11	0	6	no	TE
at_locus.02206	1	24,356,616	24,356,649	5	0	0	yes	TE
at_locus.02207	1	24,363,747	24,364,814	21	1	22	yes	TE
at_locus.02208	1	24,388,371	24,388,842	29	0	0	yes	
at_locus.02209	1	24,429,197	24,429,954	524	9	384	yes	
at_locus.02210	1	24,430,156	24,430,518	24	0	7	yes	
at_locus.02211	1	24,432,690	24,432,846	5	0	1	no	TE
at_locus.02212	1	24,485,532	24,486,290	125	1	73	yes	
at_locus.02213	1	24,486,530	24,487,606	82	0	52	yes	
at_locus.02214	1	24,535,734	24,535,838	8	0	0	yes	TE
at_locus.02215	1	24,547,380	24,547,406	5	0	0	yes	
at_locus.02216	1	24,557,518	24,557,681	3	2	6	yes	
at_locus.02217	1	24,626,812	24,627,093	14	0	4	yes	
at_locus.02218	1	24,627,552	24,627,917	26	0	15	yes	
at_locus.02219	1	24,649,316	24,649,725	10	0	0	no	TE
at_locus.02220	1	24,709,482	24,709,678	21	0	0	yes	TE
at_locus.02221	1	24,718,364	24,718,481	2	4	13	no	
at_locus.02222	1	24,722,428	24,722,585	10	0	1	no	TE
at_locus.02223	1	24,724,724	24,725,161	47	41	89	yes	
at_locus.02224	1	24,744,799	24,745,861	19	0	10	yes	TE
at_locus.02225	1	24,748,694	24,748,998	10	0	0	no	
at_locus.02226	1	24,776,627	24,776,663	5	0	0	no	
at_locus.02227	1	24,780,233	24,780,543	12	0	0	yes	

at_locus.02228	1	24,835,332	24,835,886	44	0	3	yes	TE
at_locus.02229	1	24,836,210	24,836,286	12	0	0	no	TE
at_locus.02230	1	24,839,012	24,839,152	4	0	0	yes	
at_locus.02231	1	24,874,065	24,874,087	4	40	36	no	
at_locus.02232	1	24,877,970	24,877,992	4	40	36	no	
at_locus.02233	1	24,887,724	24,888,149	1200	2993	731	yes	
at_locus.02234	1	24,911,267	24,911,296	7	0	0	no	TE
at_locus.02235	1	24,911,439	24,911,825	1	0	3	no	TE
at_locus.02236	1	24,912,082	24,912,276	64	1	3	yes	TE
at_locus.02237	1	24,916,938	24,916,959	220	585	16	no	
at_locus.02238	1	24,924,767	24,924,788	220	585	16	no	
at_locus.02239	1	24,951,764	24,952,021	19	0	0	yes	
at_locus.02240	1	24,960,312	24,960,591	13	0	0	yes	
at_locus.02241	1	25,009,320	25,009,362	5	0	0	yes	
at_locus.02242	1	25,037,114	25,037,478	7	0	0	yes	
at_locus.02243	1	25,052,163	25,052,517	2	8	4	yes	
at_locus.02244	1	25,101,556	25,101,748	69	1	3	yes	TE
at_locus.02245	1	25,102,575	25,102,705	13	0	0	yes	TE
at_locus.02246	1	25,163,714	25,164,114	5	0	5	yes	TE
at_locus.02247	1	25,183,809	25,184,615	10	0	6	yes	TE
at_locus.02248	1	25,184,775	25,184,855	1	0	4	no	TE
at_locus.02249	1	25,264,700	25,265,099	12	0	5	yes	
at_locus.02250	1	25,269,689	25,269,930	10	0	0	yes	
at_locus.02251	1	25,282,648	25,282,891	5	17	10	yes	
at_locus.02252	1	25,347,115	25,347,360	7	0	5	yes	TE
at_locus.02253	1	25,352,810	25,353,307	37	2	22	yes	
at_locus.02254	1	25,361,532	25,361,987	26	0	1	no	TE
at_locus.02255	1	25,404,165	25,404,361	19	0	0	yes	TE
at_locus.02256	1	25,405,049	25,405,119	6	0	1	no	TE
at_locus.02257	1	25,456,425	25,456,902	10	0	9	yes	
at_locus.02258	1	25,491,828	25,491,873	4	0	0	yes	
at_locus.02259	1	25,540,349	25,540,397	4	0	0	yes	
at_locus.02260	1	25,643,361	25,643,475	5	0	0	yes	TE
at_locus.02261	1	25,643,700	25,643,898	1	0	4	no	TE
at_locus.02262	1	25,645,180	25,645,565	25	1	1	yes	TE
at_locus.02263	1	25,663,698	25,663,907	13	0	0	yes	TE
at_locus.02264	1	25,677,587	25,677,811	13	0	1	yes	

at_locus.02265	1	25,700,235	25,700,276	5	0	0	no	TE
at_locus.02266	1	25,726,230	25,726,397	9	0	1	yes	TE
at_locus.02267	1	25,733,801	25,733,963	8	2	0	yes	
at_locus.02268	1	25,783,426	25,783,898	12	0	1	no	TE
at_locus.02270	1	25,932,183	25,932,491	39	1	13	yes	
at_locus.02272	1	25,966,125	25,966,385	13	0	0	yes	TE
at_locus.02273	1	25,966,835	25,966,912	9	0	0	no	TE
at_locus.02274	1	26,035,493	26,035,788	10	0	6	yes	
at_locus.02275	1	26,173,056	26,173,892	61	3	0	no	TE
at_locus.02276	1	26,174,120	26,174,432	12	2	0	no	TE
at_locus.02277	1	26,175,058	26,175,143	9	0	0	no	TE
at_locus.02278	1	26,200,073	26,201,009	31	0	0	yes	
at_locus.02279	1	26,310,625	26,311,166	17	0	0	yes	TE
at_locus.02280	1	26,339,673	26,339,761	4	0	0	yes	
at_locus.02281	1	26,347,383	26,348,120	14	0	8	yes	
at_locus.02282	1	26,372,401	26,372,457	4	0	0	yes	TE
at_locus.02283	1	26,374,909	26,375,225	4	0	0	yes	TE
at_locus.02284	1	26,378,036	26,378,775	11	0	4	yes	TE
at_locus.02285	1	26,433,403	26,433,518	4	4	3	yes	
at_locus.02286	1	26,514,431	26,514,889	19	1	0	no	TE
at_locus.02287	1	26,555,242	26,555,276	8	0	0	no	TE
at_locus.02288	1	26,555,506	26,555,709	15	0	1	yes	TE
at_locus.02289	1	26,611,806	26,611,924	1	7	1	yes	
at_locus.02290	1	26,654,464	26,654,529	20	0	0	yes	TE
at_locus.02291	1	26,725,995	26,726,066	10	2	0	yes	
at_locus.02292	1	26,776,569	26,776,589	1	7	3	no	
at_locus.02293	1	26,777,356	26,777,377	2	12	3	yes	
at_locus.02294	1	26,783,368	26,783,428	6	0	0	no	TE
at_locus.02295	1	26,784,221	26,784,342	7	0	1	no	TE
at_locus.02296	1	26,784,640	26,784,709	7	0	0	no	TE
at_locus.02297	1	26,883,979	26,885,126	35	0	2	yes	TE
at_locus.02298	1	27,072,071	27,072,408	1	0	5	yes	
at_locus.02299	1	27,244,383	27,244,935	12	1	1	yes	TE
at_locus.02300	1	27,337,616	27,337,685	6	0	0	yes	
at_locus.02301	1	27,352,356	27,352,765	0	5	0	yes	
at_locus.02302	1	27,432,118	27,432,346	4	0	0	yes	
at_locus.02303	1	27,444,282	27,444,434	6	0	1	yes	TE

at_locus.02304	1	27,639,111	27,640,128	9	0	19	yes	
at_locus.02305	1	27,641,160	27,641,575	8	0	3	yes	
at_locus.02306	1	27,688,543	27,688,777	6	0	0	yes	
at_locus.02307	1	27,714,228	27,714,344	4	0	0	yes	
at_locus.02308	1	27,716,894	27,717,189	339	987	307	yes	
at_locus.02309	1	27,863,384	27,863,518	4	0	0	yes	TE
at_locus.02310	1	27,863,582	27,864,049	0	0	3	no	TE
at_locus.02311	1	27,864,146	27,864,505	7	0	1	yes	TE
at_locus.02312	1	27,937,164	27,937,220	5	0	0	yes	TE
at_locus.02313	1	27,975,796	27,975,951	6	0	0	yes	TE
at_locus.02315	1	28,055,102	28,055,338	12	0	0	yes	
at_locus.02316	1	28,109,144	28,109,427	19	0	0	yes	
at_locus.02317	1	28,165,176	28,165,397	45	0	0	no	TE
at_locus.02318	1	28,165,727	28,165,864	44	3	0	no	TE
at_locus.02320	1	28,315,672	28,315,695	4	0	0	no	TE
at_locus.02323	1	28,531,130	28,531,199	4	0	0	yes	TE
at_locus.02324	1	28,573,693	28,573,812	11	47	8	yes	
at_locus.02325	1	28,597,811	28,597,930	4	0	0	no	
at_locus.02326	1	28,707,965	28,708,284	11	0	0	no	
at_locus.02327	1	28,755,024	28,755,172	6	0	3	no	
at_locus.02328	1	28,832,288	28,832,405	31	1	2	yes	TE
at_locus.02329	1	28,894,302	28,894,540	1	1	7	yes	
at_locus.02330	1	28,894,767	28,895,058	4	0	1	yes	
at_locus.02331	1	28,896,371	28,896,420	5	0	0	yes	TE
at_locus.02332	1	28,896,626	28,896,777	7	0	0	yes	TE
at_locus.02333	1	28,969,465	28,970,319	93	2	91	yes	
at_locus.02334	1	28,970,529	28,971,064	66	1	9	yes	
at_locus.02335	1	28,999,412	28,999,582	8	0	4	yes	TE
at_locus.02336	1	29,021,480	29,021,499	0	2	5	yes	
at_locus.02337	1	29,083,335	29,083,485	7	0	0	yes	TE
at_locus.02338	1	29,083,881	29,083,905	4	0	0	no	TE
at_locus.02339	1	29,249,386	29,249,582	15	0	0	no	TE
at_locus.02340	1	29,268,258	29,268,545	16	0	0	yes	
at_locus.02341	1	29,291,115	29,291,315	4	0	0	yes	
at_locus.02342	1	29,324,626	29,324,918	15	2	1	no	TE
at_locus.02343	1	29,325,394	29,325,572	5	0	0	no	TE
at_locus.02344	1	29,347,617	29,347,638	0	4	0	no	

at_locus.02345	1	29,382,726	29,382,964	6	0	5	no	TE
at_locus.02346	1	29,385,152	29,385,523	0	0	4	no	TE
at_locus.02347	1	29,427,355	29,427,460	14	36	10	yes	
at_locus.02348	1	29,432,889	29,433,144	1	6	1	yes	
at_locus.02349	1	29,477,247	29,477,569	6	2	0	yes	
at_locus.02350	1	29,616,479	29,616,632	11	0	0	yes	TE
at_locus.02351	1	29,617,137	29,617,316	36	1	3	yes	TE
at_locus.02352	1	29,779,156	29,779,276	6	0	0	no	TE
at_locus.02353	1	29,916,578	29,916,705	0	2	13	yes	
at_locus.02354	1	29,930,334	29,930,509	0	4	0	yes	
at_locus.02355	1	29,989,183	29,989,274	8	0	0	no	TE
at_locus.02356	1	30,172,869	30,173,246	5	1	0	yes	
at_locus.02357	1	30,204,975	30,205,277	25	1	0	yes	
at_locus.02358	1	30,255,872	30,256,743	22	0	1	yes	TE
at_locus.02359	1	30,256,964	30,257,306	13	2	0	no	TE
at_locus.02360	1	30,257,914	30,259,169	101	6	2	yes	TE
at_locus.02361	1	30,259,395	30,259,707	7	2	0	no	TE
at_locus.02362	1	30,432,409	30,432,562	2	0	0	yes	
at_locus.02363	2	1,030	13,130	5930	17450	6992	yes	TE
at_locus.02364	2	13,310	14,137	17	2	16	no	TE
at_locus.02365	2	14,674	15,020	5	0	2	no	TE
at_locus.02366	2	16,568	17,458	20	2	19	no	TE
at_locus.02367	2	17,903	18,249	5	0	2	no	TE
at_locus.02368	2	22,928	23,818	22	2	20	no	TE
at_locus.02369	2	26,713	27,099	0	0	4	no	TE
at_locus.02370	2	27,389	27,901	14	2	11	no	TE
at_locus.02371	2	28,375	29,116	22	1	16	no	TE
at_locus.02372	2	31,531	32,876	27	0	23	no	TE
at_locus.02373	2	33,368	33,476	2	0	4	no	TE
at_locus.02374	2	34,465	36,013	29	0	22	no	TE
at_locus.02375	2	36,302	36,410	2	0	4	no	TE
at_locus.02376	2	41,541	42,222	9	0	1	no	TE
at_locus.02377	2	42,402	43,180	18	0	17	no	TE
at_locus.02378	2	43,706	44,052	5	0	2	no	TE
at_locus.02379	2	48,062	48,448	1	0	4	no	TE
at_locus.02380	2	48,739	49,517	18	0	17	no	TE
at_locus.02381	2	49,787	50,302	7	0	12	yes	TE

at_locus.02382	2	52,684	53,283	8	0	12	yes	TE
at_locus.02383	2	58,216	58,920	10	1	11	no	TE
at_locus.02384	2	62,250	62,636	1	0	4	no	TE
at_locus.02385	2	62,926	64,771	39	3	58	no	TE
at_locus.02386	2	65,000	65,230	5	0	4	no	TE
at_locus.02387	2	65,706	68,188	72	6	26	yes	TE
at_locus.02388	2	71,895	72,187	6	0	1	yes	TE
at_locus.02389	2	163,336	163,514	20	0	0	yes	
at_locus.02390	2	178,396	178,621	5	0	0	yes	
at_locus.02391	2	184,260	184,474	1	0	4	yes	
at_locus.02392	2	187,297	187,477	5	0	0	yes	TE
at_locus.02393	2	204,556	204,593	4	0	0	yes	TE
at_locus.02394	2	205,205	205,472	4	0	0	yes	
at_locus.02395	2	241,107	241,130	4	0	0	no	TE
at_locus.02396	2	241,677	241,917	4	0	2	no	TE
at_locus.02397	2	243,864	244,173	6	0	1	no	TE
at_locus.02398	2	244,448	244,824	2	0	4	yes	TE
at_locus.02399	2	275,838	275,993	16	0	0	yes	TE
at_locus.02400	2	276,885	276,992	11	1	0	yes	TE
at_locus.02401	2	314,688	315,088	11	0	0	yes	TE
at_locus.02402	2	345,707	346,211	15	0	0	yes	
at_locus.02403	2	346,651	347,235	35	1	1	yes	TE
at_locus.02404	2	373,131	373,157	12	0	0	yes	
at_locus.02405	2	378,050	378,096	1	0	7	yes	TE
at_locus.02406	2	378,445	378,778	4	0	0	yes	TE
at_locus.02407	2	394,806	395,019	13	0	0	no	TE
at_locus.02408	2	395,253	395,961	32	2	1	no	TE
at_locus.02409	2	402,789	403,114	20	0	1	yes	
at_locus.02410	2	416,371	416,454	6	0	0	yes	
at_locus.02411	2	438,646	438,677	5	0	0	no	
at_locus.02412	2	455,735	456,180	12	1	3	yes	
at_locus.02413	2	472,320	472,371	8	0	0	yes	
at_locus.02414	2	492,482	492,573	6	0	0	yes	
at_locus.02415	2	499,992	500,069	11	0	0	no	TE
at_locus.02416	2	500,678	500,990	11	2	0	no	TE
at_locus.02417	2	501,212	501,938	33	3	1	yes	TE
at_locus.02418	2	511,024	511,287	6	0	1	no	



at_locus.02419	2	537,259	537,617	6	0	0	yes	TE
at_locus.02420	2	542,279	542,392	8	0	0	yes	TE
at_locus.02421	2	543,016	544,162	40	2	1	yes	TE
at_locus.02422	2	566,664	566,990	22	0	14	yes	TE
at_locus.02423	2	567,300	567,828	6	0	4	no	TE
at_locus.02424	2	571,167	571,548	5	0	1	no	TE
at_locus.02425	2	572,152	573,016	7	0	9	no	TE
at_locus.02426	2	577,400	577,648	7	0	1	yes	TE
at_locus.02427	2	577,879	578,339	7	1	5	no	TE
at_locus.02428	2	581,055	581,183	5	0	4	no	TE
at_locus.02429	2	581,774	582,597	43	0	21	yes	TE
at_locus.02430	2	612,781	612,922	8	2	0	yes	TE
at_locus.02431	2	613,999	614,081	10	0	0	yes	
at_locus.02432	2	616,713	616,756	5	0	0	yes	
at_locus.02433	2	631,094	631,226	6	0	0	yes	
at_locus.02434	2	637,082	637,701	6	0	0	yes	TE
at_locus.02435	2	637,733	638,488	88	4	28	yes	
at_locus.02436	2	638,696	639,530	150	4	165	yes	
at_locus.02437	2	687,372	687,794	8	0	8	yes	
at_locus.02439	2	708,658	709,029	28	2	0	no	TE
at_locus.02440	2	709,298	709,838	6	0	0	no	TE
at_locus.02441	2	762,490	762,550	6	0	0	yes	TE
at_locus.02442	2	768,476	768,730	32	1	0	yes	
at_locus.02443	2	771,384	771,512	0	6	2	yes	
at_locus.02444	2	786,949	787,216	12	0	12	yes	
at_locus.02445	2	795,525	796,084	22	0	4	yes	TE
at_locus.02446	2	808,277	808,778	19	0	7	yes	TE
at_locus.02447	2	819,520	819,568	0	4	0	yes	
at_locus.02448	2	819,574	822,631	29	80	50	yes	TE
at_locus.02449	2	822,879	823,280	4	9	2	yes	TE
at_locus.02450	2	825,443	825,516	8	0	0	no	TE
at_locus.02451	2	826,121	826,172	15	0	0	no	TE
at_locus.02453	2	849,791	849,972	1	10	9	yes	
at_locus.02454	2	852,873	852,988	0	8	7	no	
at_locus.02455	2	870,844	871,206	2	0	4	no	
at_locus.02456	2	871,444	872,329	19	0	11	yes	TE
at_locus.02457	2	877,778	878,361	11	0	15	yes	TE

at_locus.02458	2	885,728	886,197	2	0	4	no	
at_locus.02459	2	887,378	887,941	46	2	54	no	
at_locus.02460	2	895,651	896,120	2	0	4	no	
at_locus.02461	2	897,289	897,852	46	2	54	no	
at_locus.02462	2	904,377	904,872	8	0	0	yes	
at_locus.02463	2	905,080	905,371	5	0	0	yes	
at_locus.02464	2	909,731	910,551	36	0	7	yes	TE
at_locus.02465	2	911,341	912,566	26	0	15	yes	TE
at_locus.02466	2	912,676	912,976	36	0	2	no	TE
at_locus.02467	2	913,348	914,470	49	1	18	no	TE
at_locus.02468	2	926,233	926,307	4	0	5	no	TE
at_locus.02469	2	927,599	927,945	1	1	5	no	TE
at_locus.02470	2	929,861	929,935	4	0	5	no	TE
at_locus.02471	2	932,511	933,018	5	0	2	yes	TE
at_locus.02472	2	980,139	980,622	18	0	0	yes	TE
at_locus.02473	2	984,134	984,192	4	0	0	yes	
at_locus.02474	2	1,010,775	1,011,829	18	0	4	no	TE
at_locus.02475	2	1,012,045	1,012,349	7	0	0	no	TE
at_locus.02476	2	1,012,650	1,012,994	7	1	3	yes	TE
at_locus.02477	2	1,018,975	1,019,110	4	0	0	yes	TE
at_locus.02478	2	1,027,569	1,027,754	5	0	0	yes	
at_locus.02479	2	1,048,662	1,049,390	9	0	0	yes	TE
at_locus.02480	2	1,050,160	1,050,377	8	2	0	yes	
at_locus.02482	2	1,065,642	1,065,851	5	0	0	yes	
at_locus.02483	2	1,075,436	1,075,898	15	0	8	yes	TE
at_locus.02484	2	1,076,317	1,076,399	11	0	0	no	TE
at_locus.02485	2	1,078,820	1,078,969	17	1	1	yes	TE
at_locus.02486	2	1,085,296	1,085,861	5	0	8	yes	TE
at_locus.02487	2	1,086,417	1,086,833	5	0	10	yes	TE
at_locus.02488	2	1,109,160	1,110,173	11	0	16	yes	TE
at_locus.02489	2	1,111,984	1,112,918	30	0	23	yes	
at_locus.02490	2	1,123,798	1,123,871	19	0	4	yes	
at_locus.02491	2	1,155,033	1,155,529	12	0	7	yes	
at_locus.02492	2	1,167,490	1,167,559	14	0	0	yes	
at_locus.02493	2	1,178,774	1,179,090	0	0	7	yes	
at_locus.02494	2	1,194,126	1,194,493	13	1	0	yes	
at_locus.02495	2	1,201,274	1,201,409	0	0	4	yes	

at_locus.02496	2	1,203,092	1,203,366	1	0	5	yes	
at_locus.02497	2	1,205,414	1,205,919	10	0	7	yes	
at_locus.02498	2	1,206,522	1,206,960	18	0	6	yes	
at_locus.02499	2	1,207,457	1,207,871	32	0	28	yes	TE
at_locus.02500	2	1,208,084	1,208,731	42	0	23	yes	TE
at_locus.02501	2	1,214,769	1,214,794	3	0	5	yes	
at_locus.02502	2	1,215,084	1,215,631	5	0	7	yes	
at_locus.02503	2	1,218,262	1,218,686	7	1	7	yes	
at_locus.02504	2	1,221,767	1,222,240	4	0	8	yes	
at_locus.02505	2	1,241,382	1,241,464	1	0	5	no	TE
at_locus.02506	2	1,241,756	1,242,484	12	0	5	yes	TE
at_locus.02507	2	1,246,396	1,246,748	5	0	9	no	
at_locus.02508	2	1,263,044	1,263,082	4	0	0	no	
at_locus.02509	2	1,265,116	1,265,505	5	0	5	yes	TE
at_locus.02510	2	1,266,270	1,266,518	0	2	6	yes	TE
at_locus.02511	2	1,267,491	1,267,806	4	0	0	yes	TE
at_locus.02512	2	1,268,426	1,268,730	4	0	6	no	TE
at_locus.02513	2	1,271,493	1,271,803	5	3	0	no	TE
at_locus.02514	2	1,293,724	1,294,237	14	0	2	yes	TE
at_locus.02515	2	1,302,540	1,302,588	5	0	1	no	TE
at_locus.02516	2	1,303,038	1,303,110	9	0	1	no	TE
at_locus.02517	2	1,311,302	1,311,552	4	0	0	no	
at_locus.02518	2	1,314,073	1,314,111	14	0	2	no	TE
at_locus.02519	2	1,318,506	1,318,576	6	0	0	no	TE
at_locus.02520	2	1,322,066	1,322,182	13	0	0	no	TE
at_locus.02521	2	1,322,824	1,322,851	4	0	0	no	TE
at_locus.02522	2	1,342,319	1,342,658	10	0	3	yes	
at_locus.02523	2	1,344,917	1,345,149	5	1	3	yes	
at_locus.02524	2	1,346,085	1,346,398	12	0	8	yes	
at_locus.02525	2	1,346,845	1,347,073	0	0	5	yes	
at_locus.02526	2	1,347,211	1,347,331	6	0	0	no	TE
at_locus.02527	2	1,348,750	1,349,300	4	0	2	yes	
at_locus.02528	2	1,349,720	1,350,236	58	2	32	yes	
at_locus.02529	2	1,353,390	1,353,574	21	0	1	yes	TE
at_locus.02530	2	1,367,474	1,367,498	4	0	0	no	TE
at_locus.02531	2	1,370,786	1,370,938	11	0	0	no	TE
at_locus.02532	2	1,371,149	1,371,451	1	0	3	yes	TE

at_locus.02533	2	1,371,707	1,371,791	19	0	0	yes	TE
at_locus.02534	2	1,380,660	1,380,740	4	0	0	no	TE
at_locus.02535	2	1,381,126	1,381,245	11	0	0	yes	TE
at_locus.02536	2	1,383,552	1,383,766	14	0	0	no	TE
at_locus.02537	2	1,388,830	1,389,492	18	0	10	no	TE
at_locus.02538	2	1,393,718	1,393,901	19	0	1	yes	TE
at_locus.02539	2	1,395,090	1,396,003	76	1	10	yes	TE
at_locus.02540	2	1,396,843	1,397,091	5	0	4	no	TE
at_locus.02541	2	1,397,363	1,397,626	4	0	0	no	TE
at_locus.02542	2	1,397,799	1,398,158	36	0	4	no	TE
at_locus.02543	2	1,398,543	1,399,563	50	0	20	yes	TE
at_locus.02544	2	1,409,938	1,410,039	8	0	0	yes	TE
at_locus.02545	2	1,413,068	1,413,410	29	0	2	no	TE
at_locus.02546	2	1,425,159	1,425,408	7	0	2	yes	TE
at_locus.02547	2	1,442,550	1,442,619	17	1	6	no	TE
at_locus.02548	2	1,459,119	1,459,344	17	0	0	no	TE
at_locus.02549	2	1,459,737	1,460,089	15	0	1	yes	TE
at_locus.02550	2	1,460,837	1,460,922	11	0	0	no	TE
at_locus.02551	2	1,466,833	1,466,878	14	0	0	yes	TE
at_locus.02552	2	1,472,847	1,473,204	8	0	5	yes	
at_locus.02553	2	1,483,731	1,484,213	19	0	10	yes	
at_locus.02554	2	1,500,388	1,500,664	11	0	2	yes	
at_locus.02555	2	1,508,542	1,509,314	13	0	9	yes	TE
at_locus.02556	2	1,510,592	1,510,713	4	0	0	yes	TE
at_locus.02557	2	1,511,723	1,511,910	1	2	5	no	TE
at_locus.02558	2	1,512,238	1,512,528	1	0	6	no	TE
at_locus.02559	2	1,512,825	1,513,138	1	0	5	no	TE
at_locus.02560	2	1,546,489	1,546,709	6	0	0	yes	TE
at_locus.02561	2	1,552,785	1,553,072	4	0	1	yes	TE
at_locus.02562	2	1,579,325	1,580,032	12	1	15	yes	TE
at_locus.02563	2	1,587,378	1,587,469	12	0	0	yes	TE
at_locus.02564	2	1,597,263	1,597,361	10	0	0	no	TE
at_locus.02565	2	1,608,242	1,608,274	4	0	0	no	TE
at_locus.02566	2	1,609,081	1,609,148	6	0	0	no	TE
at_locus.02567	2	1,614,599	1,615,004	19	0	6	yes	TE
at_locus.02568	2	1,616,045	1,617,311	34	0	14	yes	TE
at_locus.02569	2	1,617,762	1,617,944	35	1	6	yes	TE

at_locus.02570	2	1,618,176	1,618,250	5	0	0	no	TE
at_locus.02571	2	1,629,496	1,630,807	61	3	9	yes	TE
at_locus.02572	2	1,631,069	1,631,275	4	1	2	no	TE
at_locus.02573	2	1,631,496	1,633,970	41	0	61	yes	TE
at_locus.02574	2	1,634,144	1,637,417	97	2	78	yes	TE
at_locus.02575	2	1,652,399	1,652,726	4	0	0	yes	TE
at_locus.02576	2	1,667,756	1,667,950	0	0	4	yes	TE
at_locus.02577	2	1,669,904	1,670,274	11	0	2	no	TE
at_locus.02578	2	1,676,234	1,676,461	11	0	0	yes	TE
at_locus.02579	2	1,681,226	1,681,486	7	0	1	yes	TE
at_locus.02580	2	1,695,927	1,695,995	30	0	0	yes	
at_locus.02581	2	1,701,819	1,701,906	7	0	0	yes	TE
at_locus.02582	2	1,709,559	1,709,774	12	0	0	yes	TE
at_locus.02583	2	1,740,953	1,741,703	22	0	23	yes	TE
at_locus.02584	2	1,741,941	1,742,410	9	0	3	yes	TE
at_locus.02585	2	1,746,248	1,746,284	1	0	5	no	TE
at_locus.02586	2	1,746,707	1,746,861	4	0	2	yes	TE
at_locus.02587	2	1,747,694	1,748,852	7	0	9	no	TE
at_locus.02588	2	1,751,022	1,751,450	9	0	1	no	TE
at_locus.02589	2	1,751,976	1,752,191	6	0	1	no	TE
at_locus.02590	2	1,752,438	1,752,903	9	1	6	no	TE
at_locus.02591	2	1,755,559	1,755,711	3	0	5	no	TE
at_locus.02592	2	1,756,247	1,757,019	47	0	27	no	TE
at_locus.02593	2	1,759,611	1,759,794	0	0	4	no	TE
at_locus.02594	2	1,760,955	1,761,000	4	0	0	no	TE
at_locus.02595	2	1,763,092	1,763,258	0	0	4	no	TE
at_locus.02596	2	1,766,452	1,766,492	5	0	2	no	TE
at_locus.02597	2	1,771,926	1,772,100	0	0	2	no	
at_locus.02598	2	1,777,883	1,778,126	4	0	1	no	TE
at_locus.02599	2	1,779,119	1,779,476	6	0	4	yes	TE
at_locus.02600	2	1,779,767	1,779,797	25	0	4	yes	
at_locus.02601	2	1,796,964	1,797,061	4	0	0	no	
at_locus.02602	2	1,821,614	1,821,691	5	0	0	yes	TE
at_locus.02603	2	1,832,070	1,832,093	5	0	1	yes	TE
at_locus.02604	2	1,838,711	1,838,965	6	0	1	yes	
at_locus.02605	2	1,839,186	1,839,428	4	0	1	yes	
at_locus.02606	2	1,840,616	1,840,893	5	0	2	yes	

at_locus.02607	2	1,847,764	1,848,164	10	0	13	yes	TE
at_locus.02608	2	1,850,309	1,850,370	8	0	0	yes	TE
at_locus.02609	2	1,850,868	1,851,154	8	0	0	no	TE
at_locus.02610	2	1,855,081	1,855,128	4	0	0	yes	TE
at_locus.02611	2	1,857,708	1,857,957	7	1	1	yes	TE
at_locus.02612	2	1,881,507	1,881,775	4	0	0	yes	
at_locus.02613	2	1,882,832	1,883,228	7	0	4	no	TE
at_locus.02614	2	1,883,471	1,883,766	0	0	4	yes	
at_locus.02615	2	1,887,269	1,887,665	7	0	4	no	TE
at_locus.02616	2	1,888,719	1,888,962	4	0	1	no	TE
at_locus.02617	2	1,889,961	1,890,410	9	0	0	yes	TE
at_locus.02618	2	1,897,902	1,897,926	7	0	0	no	
at_locus.02619	2	1,905,403	1,905,427	7	0	0	no	
at_locus.02620	2	1,926,958	1,927,702	79	4	88	yes	
at_locus.02621	2	1,928,052	1,928,639	172	3	66	yes	
at_locus.02622	2	1,943,073	1,943,137	8	0	0	yes	TE
at_locus.02623	2	1,947,904	1,948,063	9	0	0	no	TE
at_locus.02624	2	1,948,432	1,948,517	6	0	0	yes	TE
at_locus.02625	2	1,955,467	1,955,509	4	0	0	no	TE
at_locus.02626	2	1,963,080	1,963,191	7	0	0	no	TE
at_locus.02627	2	1,968,861	1,968,901	4	0	0	no	TE
at_locus.02628	2	1,982,800	1,983,068	10	0	2	yes	TE
at_locus.02629	2	2,006,908	2,007,049	0	0	5	no	TE
at_locus.02630	2	2,007,801	2,007,851	4	0	0	no	TE
at_locus.02631	2	2,008,078	2,008,422	4	0	6	no	TE
at_locus.02632	2	2,009,188	2,009,735	17	0	13	no	TE
at_locus.02633	2	2,009,981	2,010,054	5	0	0	no	TE
at_locus.02634	2	2,035,069	2,035,196	5	1	0	yes	TE
at_locus.02635	2	2,042,264	2,043,009	15	0	23	no	TE
at_locus.02636	2	2,043,057	2,043,342	5	0	0	no	TE
at_locus.02637	2	2,044,077	2,044,189	1	0	4	no	TE
at_locus.02638	2	2,045,969	2,046,524	5	0	5	yes	TE
at_locus.02639	2	2,046,923	2,047,498	4	0	9	no	TE
at_locus.02640	2	2,048,529	2,049,070	0	0	9	no	TE
at_locus.02641	2	2,049,279	2,049,989	2	0	9	no	TE
at_locus.02642	2	2,051,115	2,051,740	7	0	9	no	TE
at_locus.02643	2	2,051,886	2,052,286	5	0	7	no	TE

at_locus.02644	2	2,052,685	2,053,017	9	0	8	no	TE
at_locus.02645	2	2,053,206	2,053,658	4	0	14	no	TE
at_locus.02646	2	2,053,813	2,054,180	7	0	0	no	TE
at_locus.02647	2	2,058,826	2,058,854	4	0	0	no	TE
at_locus.02648	2	2,059,144	2,059,220	5	0	0	yes	TE
at_locus.02649	2	2,061,098	2,061,772	8	0	1	yes	TE
at_locus.02650	2	2,063,888	2,064,006	5	1	0	yes	
at_locus.02651	2	2,064,748	2,066,380	38	0	11	yes	TE
at_locus.02652	2	2,074,250	2,074,885	14	2	13	yes	TE
at_locus.02653	2	2,078,842	2,078,865	5	0	1	yes	TE
at_locus.02654	2	2,085,882	2,086,013	10	0	0	no	TE
at_locus.02655	2	2,086,327	2,086,457	8	0	2	yes	TE
at_locus.02656	2	2,138,817	2,138,890	5	0	0	no	TE
at_locus.02657	2	2,139,103	2,139,380	4	0	0	no	TE
at_locus.02658	2	2,140,481	2,140,517	5	0	0	no	TE
at_locus.02659	2	2,140,934	2,140,972	8	0	2	no	TE
at_locus.02660	2	2,148,402	2,148,866	10	0	0	yes	
at_locus.02661	2	2,149,961	2,150,862	28	2	2	no	TE
at_locus.02662	2	2,152,723	2,153,408	16	0	2	no	
at_locus.02663	2	2,154,902	2,155,410	8	0	1	yes	TE
at_locus.02664	2	2,155,627	2,155,851	5	0	4	yes	TE
at_locus.02665	2	2,156,194	2,156,228	5	0	0	yes	
at_locus.02666	2	2,158,037	2,158,722	19	0	3	yes	
at_locus.02667	2	2,160,414	2,160,807	9	0	3	yes	
at_locus.02668	2	2,162,301	2,162,637	26	0	1	yes	TE
at_locus.02669	2	2,169,341	2,169,597	5	0	2	yes	
at_locus.02670	2	2,178,617	2,178,695	7	0	0	yes	
at_locus.02672	2	2,191,820	2,192,420	0	0	4	yes	TE
at_locus.02673	2	2,209,969	2,210,107	9	0	1	no	TE
at_locus.02674	2	2,217,482	2,217,700	9	1	0	yes	TE
at_locus.02675	2	2,217,856	2,218,430	3	1	9	yes	TE
at_locus.02676	2	2,218,652	2,219,039	4	0	6	yes	TE
at_locus.02677	2	2,220,425	2,220,770	4	0	8	yes	TE
at_locus.02678	2	2,221,948	2,222,360	7	1	23	yes	TE
at_locus.02679	2	2,222,837	2,223,069	8	0	5	yes	
at_locus.02680	2	2,223,292	2,223,626	6	0	0	yes	
at_locus.02681	2	2,224,422	2,225,835	66	3	60	yes	TE

at_locus.02682	2	2,226,127	2,226,242	4	0	0	yes	
at_locus.02683	2	2,226,692	2,226,796	4	0	1	yes	
at_locus.02684	2	2,232,307	2,232,388	16	0	0	yes	TE
at_locus.02685	2	2,233,122	2,233,341	9	0	0	yes	TE
at_locus.02686	2	2,240,316	2,241,179	30	0	2	yes	TE
at_locus.02687	2	2,247,642	2,248,110	1	0	4	no	TE
at_locus.02688	2	2,249,123	2,249,960	16	1	18	yes	TE
at_locus.02689	2	2,251,647	2,251,834	4	0	1	no	TE
at_locus.02690	2	2,252,473	2,252,872	7	0	13	no	TE
at_locus.02691	2	2,260,716	2,260,930	13	0	1	yes	TE
at_locus.02692	2	2,262,321	2,262,402	6	0	0	yes	TE
at_locus.02693	2	2,263,956	2,264,568	4	0	8	yes	
at_locus.02694	2	2,273,820	2,274,011	8	0	0	yes	
at_locus.02695	2	2,274,245	2,274,737	12	0	3	yes	TE
at_locus.02696	2	2,279,125	2,280,033	10	0	7	no	TE
at_locus.02697	2	2,284,204	2,284,505	7	0	1	yes	TE
at_locus.02698	2	2,297,114	2,297,196	15	0	0	no	TE
at_locus.02699	2	2,297,525	2,297,616	4	0	0	no	TE
at_locus.02700	2	2,299,090	2,299,554	11	0	0	yes	TE
at_locus.02701	2	2,320,061	2,320,088	4	0	0	no	TE
at_locus.02702	2	2,320,780	2,320,929	13	0	0	no	TE
at_locus.02703	2	2,321,225	2,321,850	13	0	1	yes	TE
at_locus.02704	2	2,356,106	2,356,248	4	0	0	yes	
at_locus.02705	2	2,356,412	2,357,799	22	0	25	yes	
at_locus.02706	2	2,373,760	2,373,930	4	0	0	no	TE
at_locus.02707	2	2,374,686	2,374,952	4	0	4	no	TE
at_locus.02708	2	2,375,653	2,376,056	0	0	5	yes	TE
at_locus.02709	2	2,380,572	2,381,044	0	0	4	yes	TE
at_locus.02710	2	2,401,326	2,402,198	15	0	11	yes	TE
at_locus.02711	2	2,402,435	2,402,962	7	1	4	no	TE
at_locus.02712	2	2,407,751	2,407,826	0	0	4	no	TE
at_locus.02713	2	2,408,518	2,408,796	4	0	5	no	TE
at_locus.02714	2	2,443,767	2,443,886	13	0	0	no	TE
at_locus.02715	2	2,446,454	2,446,634	10	0	1	yes	
at_locus.02716	2	2,447,755	2,447,948	4	0	6	no	TE
at_locus.02717	2	2,448,227	2,449,299	15	1	21	yes	TE
at_locus.02718	2	2,449,519	2,451,798	47	1	53	yes	TE



at_locus.02719	2	2,452,052	2,452,219	10	0	6	no	TE
at_locus.02720	2	2,452,916	2,454,136	19	0	37	no	TE
at_locus.02721	2	2,460,830	2,460,975	2	0	5	yes	TE
at_locus.02722	2	2,487,121	2,487,386	3	0	4	no	TE
at_locus.02723	2	2,487,794	2,487,983	5	0	4	no	TE
at_locus.02724	2	2,488,254	2,488,288	1	0	7	no	TE
at_locus.02725	2	2,488,490	2,489,388	18	4	26	no	TE
at_locus.02726	2	2,490,271	2,490,640	6	1	6	no	TE
at_locus.02727	2	2,491,369	2,491,867	8	0	5	no	TE
at_locus.02728	2	2,492,684	2,493,001	3	0	4	no	TE
at_locus.02729	2	2,493,493	2,493,829	4	0	8	no	TE
at_locus.02730	2	2,494,061	2,494,355	1	0	4	no	TE
at_locus.02731	2	2,497,228	2,497,456	2	0	8	no	TE
at_locus.02732	2	2,497,668	2,498,224	9	0	14	no	TE
at_locus.02733	2	2,498,473	2,499,108	15	0	14	no	TE
at_locus.02734	2	2,499,342	2,500,530	19	4	22	no	TE
at_locus.02735	2	2,503,064	2,503,489	2	0	5	yes	TE
at_locus.02736	2	2,510,713	2,511,219	12	0	4	no	TE
at_locus.02737	2	2,516,640	2,516,977	0	0	5	yes	TE
at_locus.02738	2	2,520,471	2,521,162	8	0	8	yes	TE
at_locus.02739	2	2,521,528	2,522,007	14	0	24	yes	
at_locus.02740	2	2,522,021	2,522,380	30	1	15	yes	
at_locus.02741	2	2,523,678	2,523,703	4	0	0	no	TE
at_locus.02742	2	2,525,589	2,526,038	1	0	4	yes	TE
at_locus.02743	2	2,535,378	2,535,810	10	0	3	no	TE
at_locus.02744	2	2,536,115	2,536,231	1	0	4	yes	
at_locus.02745	2	2,537,524	2,537,979	4	0	21	yes	
at_locus.02746	2	2,538,831	2,539,281	4	0	8	yes	TE
at_locus.02747	2	2,541,859	2,542,039	5	0	2	yes	TE
at_locus.02748	2	2,542,276	2,542,396	5	0	1	yes	
at_locus.02749	2	2,542,681	2,543,476	23	0	27	no	TE
at_locus.02750	2	2,544,016	2,544,168	3	0	5	no	TE
at_locus.02751	2	2,546,948	2,547,324	9	1	4	no	TE
at_locus.02752	2	2,547,780	2,547,803	5	0	0	no	TE
at_locus.02753	2	2,548,329	2,548,503	8	0	0	no	TE
at_locus.02754	2	2,548,881	2,549,310	3	0	1	no	TE
at_locus.02755	2	2,551,477	2,553,061	7	0	10	no	TE

at_locus.02756	2	2,553,617	2,553,998	5	0	1	no	TE
at_locus.02757	2	2,554,416	2,554,452	1	0	5	no	TE
at_locus.02758	2	2,556,419	2,556,680	4	0	2	no	TE
at_locus.02759	2	2,558,288	2,558,841	8	0	2	no	TE
at_locus.02760	2	2,559,054	2,559,341	4	0	11	no	TE
at_locus.02761	2	2,562,475	2,562,499	4	0	0	no	TE
at_locus.02762	2	2,563,188	2,564,198	16	2	16	no	TE
at_locus.02763	2	2,564,766	2,565,044	4	0	3	no	TE
at_locus.02764	2	2,565,467	2,565,645	4	1	2	no	TE
at_locus.02765	2	2,568,997	2,569,383	2	0	6	no	TE
at_locus.02766	2	2,569,673	2,570,532	21	2	17	no	TE
at_locus.02767	2	2,576,435	2,577,025	20	0	9	no	TE
at_locus.02768	2	2,577,273	2,578,425	26	0	25	yes	TE
at_locus.02769	2	2,580,470	2,580,490	4	0	0	yes	
at_locus.02770	2	2,600,737	2,601,075	1	0	12	yes	
at_locus.02771	2	2,601,312	2,601,624	1	0	13	yes	
at_locus.02772	2	2,602,653	2,603,629	13	0	24	yes	TE
at_locus.02773	2	2,603,962	2,606,266	172	3	254	yes	
at_locus.02774	2	2,606,409	2,606,878	25	0	24	yes	
at_locus.02775	2	2,607,597	2,608,079	12	1	3	yes	
at_locus.02776	2	2,608,941	2,609,103	4	0	3	yes	
at_locus.02777	2	2,622,186	2,622,352	4	0	2	no	TE
at_locus.02778	2	2,622,786	2,623,829	15	1	21	no	TE
at_locus.02779	2	2,639,580	2,640,091	14	0	9	no	TE
at_locus.02780	2	2,641,033	2,641,247	2	0	5	no	TE
at_locus.02781	2	2,641,478	2,641,750	4	0	1	yes	TE
at_locus.02782	2	2,652,102	2,652,244	0	0	6	no	
at_locus.02783	2	2,654,290	2,655,036	20	0	5	no	TE
at_locus.02784	2	2,667,292	2,667,770	15	0	10	no	TE
at_locus.02785	2	2,668,258	2,668,508	4	0	5	no	TE
at_locus.02786	2	2,669,505	2,669,792	0	0	7	no	TE
at_locus.02787	2	2,683,287	2,683,983	8	0	4	no	TE
at_locus.02788	2	2,688,648	2,688,980	7	0	3	no	TE
at_locus.02789	2	2,692,669	2,692,847	12	0	0	no	TE
at_locus.02790	2	2,700,138	2,700,349	4	0	0	no	TE
at_locus.02791	2	2,707,368	2,708,069	26	0	9	no	TE
at_locus.02792	2	2,708,451	2,708,721	2	0	4	no	TE

at_locus.02793	2	2,718,951	2,719,162	5	0	2	no	TE
at_locus.02794	2	2,722,271	2,722,758	1	0	9	no	TE
at_locus.02795	2	2,730,744	2,731,585	1	0	14	yes	TE
at_locus.02796	2	2,746,556	2,746,890	4	0	2	no	TE
at_locus.02797	2	2,771,571	2,772,084	10	0	3	no	TE
at_locus.02798	2	2,781,593	2,781,624	10	0	0	no	TE
at_locus.02799	2	2,786,435	2,786,617	4	0	1	no	TE
at_locus.02800	2	2,786,701	2,787,391	5	0	10	no	TE
at_locus.02801	2	2,792,827	2,792,965	5	0	6	no	TE
at_locus.02802	2	2,806,912	2,807,152	0	4	0	no	
at_locus.02803	2	2,820,532	2,820,828	5	0	1	no	
at_locus.02804	2	2,827,861	2,827,921	3	0	4	no	TE
at_locus.02805	2	2,828,321	2,828,487	0	0	4	no	TE
at_locus.02806	2	2,828,849	2,829,304	5	0	3	yes	TE
at_locus.02807	2	2,829,613	2,829,826	2	0	4	no	TE
at_locus.02808	2	2,830,615	2,831,491	5	0	9	yes	TE
at_locus.02809	2	2,839,997	2,840,193	1	0	4	no	TE
at_locus.02810	2	2,843,149	2,843,168	0	4	0	yes	
at_locus.02811	2	2,852,129	2,852,167	5	0	0	yes	TE
at_locus.02812	2	2,855,716	2,856,253	23	0	2	no	TE
at_locus.02813	2	2,856,664	2,857,339	6	0	7	yes	TE
at_locus.02814	2	2,865,369	2,866,439	273	8	200	yes	
at_locus.02815	2	2,866,642	2,867,057	596	15	352	yes	
at_locus.02816	2	2,867,687	2,867,928	32	0	14	yes	TE
at_locus.02817	2	2,872,429	2,873,245	2	0	12	no	TE
at_locus.02818	2	2,874,430	2,874,711	0	0	5	no	TE
at_locus.02819	2	2,876,129	2,877,047	9	1	12	yes	TE
at_locus.02820	2	2,881,780	2,882,266	8	0	10	no	TE
at_locus.02821	2	2,890,828	2,891,049	6	0	10	yes	
at_locus.02822	2	2,892,221	2,892,292	28	36	17	no	
at_locus.02823	2	2,904,401	2,904,588	4	0	0	no	TE
at_locus.02824	2	2,932,531	2,932,653	2	0	7	yes	TE
at_locus.02825	2	2,936,395	2,936,629	0	0	4	yes	TE
at_locus.02826	2	2,947,960	2,948,269	4	0	1	yes	
at_locus.02827	2	2,950,902	2,951,004	5	0	0	yes	
at_locus.02828	2	2,951,616	2,951,850	5	0	3	yes	
at_locus.02829	2	2,961,537	2,961,768	7	1	0	yes	TE

at_locus.02830	2	2,962,580	2,962,802	11	0	0	no	TE
at_locus.02831	2	2,963,222	2,963,424	7	0	5	yes	TE
at_locus.02832	2	2,963,557	2,964,172	67	1	1	yes	TE
at_locus.02833	2	2,965,470	2,965,630	4	0	2	no	TE
at_locus.02834	2	2,965,853	2,966,184	5	0	2	yes	TE
at_locus.02835	2	2,985,216	2,985,271	4	0	0	yes	
at_locus.02836	2	3,013,503	3,014,844	30	0	34	yes	TE
at_locus.02837	2	3,015,046	3,015,660	8	0	4	yes	TE
at_locus.02838	2	3,017,523	3,017,784	4	0	2	no	TE
at_locus.02839	2	3,019,826	3,019,862	1	0	5	no	TE
at_locus.02840	2	3,020,337	3,020,661	5	0	1	no	TE
at_locus.02841	2	3,020,744	3,021,117	2	0	5	no	TE
at_locus.02842	2	3,021,504	3,022,947	17	0	24	yes	TE
at_locus.02843	2	3,023,441	3,023,609	7	0	1	yes	TE
at_locus.02844	2	3,058,084	3,058,395	4	0	1	yes	TE
at_locus.02845	2	3,061,099	3,061,443	11	0	1	yes	TE
at_locus.02846	2	3,061,857	3,062,109	7	0	6	yes	TE
at_locus.02847	2	3,065,898	3,066,223	3	0	7	no	TE
at_locus.02848	2	3,066,640	3,066,793	1	0	5	no	TE
at_locus.02849	2	3,070,956	3,071,326	0	0	5	no	TE
at_locus.02850	2	3,076,989	3,077,065	0	0	4	no	TE
at_locus.02851	2	3,080,425	3,080,523	3	0	4	yes	TE
at_locus.02852	2	3,097,227	3,097,304	0	0	5	no	TE
at_locus.02853	2	3,102,582	3,102,657	0	0	6	no	TE
at_locus.02854	2	3,102,771	3,103,016	4	0	0	yes	TE
at_locus.02855	2	3,105,098	3,105,381	12	0	3	no	TE
at_locus.02856	2	3,110,950	3,111,003	0	0	5	yes	TE
at_locus.02857	2	3,111,252	3,111,289	9	0	0	yes	TE
at_locus.02858	2	3,111,699	3,111,771	9	0	0	yes	TE
at_locus.02859	2	3,116,187	3,116,450	4	0	0	yes	TE
at_locus.02860	2	3,117,751	3,118,032	5	0	0	yes	
at_locus.02861	2	3,119,933	3,120,478	0	0	5	yes	TE
at_locus.02862	2	3,144,091	3,144,399	0	0	4	no	TE
at_locus.02863	2	3,175,150	3,175,231	5	0	0	yes	
at_locus.02864	2	3,187,590	3,187,804	4	0	1	no	TE
at_locus.02865	2	3,191,132	3,191,276	4	0	1	no	TE
at_locus.02866	2	3,191,487	3,191,524	11	0	1	no	TE

at_locus.02867	2	3,194,336	3,195,559	17	0	7	no	TE
at_locus.02868	2	3,196,408	3,196,437	4	0	0	no	TE
at_locus.02869	2	3,197,713	3,197,829	16	0	0	no	TE
at_locus.02870	2	3,198,470	3,198,497	4	0	0	no	TE
at_locus.02871	2	3,213,099	3,213,351	11	0	0	no	TE
at_locus.02872	2	3,225,920	3,226,779	14	2	13	no	TE
at_locus.02873	2	3,227,223	3,227,625	6	0	5	no	TE
at_locus.02874	2	3,252,113	3,252,193	5	9	2	no	
at_locus.02875	2	3,308,835	3,309,044	4	0	0	no	TE
at_locus.02876	2	3,311,537	3,311,694	0	4	0	no	
at_locus.02877	2	3,312,900	3,313,028	2	12	4	no	
at_locus.02878	2	3,331,584	3,332,022	9	10	4	no	
at_locus.02879	2	3,351,084	3,351,203	1	0	11	no	
at_locus.02880	2	3,362,106	3,362,139	0	0	4	no	
at_locus.02881	2	3,362,268	3,362,484	0	4	0	no	
at_locus.02882	2	3,385,615	3,385,727	14	28	7	no	
at_locus.02883	2	3,386,619	3,386,727	0	4	1	no	
at_locus.02884	2	3,394,510	3,394,548	4	0	0	no	
at_locus.02885	2	3,426,130	3,426,369	0	7	0	no	
at_locus.02886	2	3,437,571	3,437,867	12	24	12	no	
at_locus.02887	2	3,438,532	3,438,675	4	0	0	no	
at_locus.02888	2	3,467,118	3,467,305	34	60	22	no	
at_locus.02889	2	3,468,211	3,468,680	5	17	5	no	
at_locus.02891	2	3,513,473	3,513,840	0	0	3	no	
at_locus.02892	2	3,530,709	3,530,910	0	0	4	yes	
at_locus.02893	2	3,531,136	3,531,769	10	0	36	yes	
at_locus.02894	2	3,540,097	3,540,130	4	0	0	no	TE
at_locus.02895	2	3,550,489	3,550,853	2	0	5	no	TE
at_locus.02896	2	3,551,084	3,551,785	20	0	6	no	TE
at_locus.02897	2	3,552,032	3,552,590	2	0	6	yes	TE
at_locus.02898	2	3,562,143	3,562,188	12	59	53	no	
at_locus.02899	2	3,562,684	3,562,746	5	9	24	no	
at_locus.02900	2	3,563,105	3,563,126	0	6	10	no	
at_locus.02901	2	3,564,387	3,565,286	63	3	1	no	TE
at_locus.02902	2	3,573,354	3,574,387	10	0	9	yes	TE
at_locus.02903	2	3,588,547	3,588,710	1	0	3	no	TE
at_locus.02904	2	3,590,890	3,591,114	1	0	4	no	TE

at_locus.02905	2	3,597,400	3,597,538	1	0	4	yes	TE
at_locus.02906	2	3,597,639	3,598,650	21	0	2	yes	TE
at_locus.02907	2	3,600,747	3,601,872	12	0	19	no	TE
at_locus.02908	2	3,603,433	3,603,656	2	1	4	no	TE
at_locus.02909	2	3,603,931	3,604,311	1	0	3	no	TE
at_locus.02910	2	3,604,755	3,604,992	4	0	6	no	TE
at_locus.02911	2	3,605,200	3,607,891	40	4	32	no	TE
at_locus.02912	2	3,609,002	3,609,508	6	0	3	no	TE
at_locus.02913	2	3,609,843	3,610,479	5	0	3	no	TE
at_locus.02914	2	3,610,934	3,611,825	5	0	3	no	TE
at_locus.02915	2	3,612,420	3,618,072	62	13	109	no	TE
at_locus.02916	2	3,625,034	3,635,537	60	4	134	no	TE
at_locus.02917	2	3,636,390	3,637,709	5	0	5	no	TE
at_locus.02918	2	3,637,981	3,640,237	6	0	5	no	TE
at_locus.02919	2	3,640,552	3,641,242	4	0	3	no	TE
at_locus.02920	2	3,641,333	3,641,946	5	0	2	no	TE
at_locus.02921	2	3,642,032	3,644,298	28	0	27	no	TE
at_locus.02922	2	3,644,653	3,644,802	0	0	4	no	TE
at_locus.02923	2	3,644,898	3,645,281	5	0	1	no	TE
at_locus.02924	2	3,645,498	3,645,681	7	0	6	no	TE
at_locus.02925	2	3,646,098	3,646,367	5	0	11	no	TE
at_locus.02926	2	3,646,600	3,648,124	29	0	21	no	TE
at_locus.02927	2	3,649,982	3,650,450	6	0	12	yes	TE
at_locus.02928	2	3,651,064	3,651,199	1	0	4	no	TE
at_locus.02929	2	3,652,282	3,652,862	5	0	5	no	TE
at_locus.02930	2	3,653,906	3,654,108	3	0	2	no	TE
at_locus.02931	2	3,654,377	3,654,592	4	0	2	no	TE
at_locus.02932	2	3,654,841	3,655,330	5	0	2	no	TE
at_locus.02933	2	3,661,065	3,661,226	4	0	3	yes	TE
at_locus.02934	2	3,663,714	3,663,806	4	0	0	no	TE
at_locus.02935	2	3,667,565	3,668,057	6	1	7	no	TE
at_locus.02936	2	3,668,393	3,668,415	3	1	4	no	TE
at_locus.02937	2	3,669,233	3,669,561	7	0	10	no	TE
at_locus.02938	2	3,670,137	3,670,858	10	2	20	no	TE
at_locus.02939	2	3,671,122	3,672,006	15	2	10	no	TE
at_locus.02940	2	3,680,433	3,680,612	4	0	0	yes	
at_locus.02941	2	3,683,110	3,683,351	6	0	2	yes	TE

at_locus.02942	2	3,684,059	3,684,472	1	0	5	yes	TE
at_locus.02943	2	3,688,181	3,688,667	3	0	9	no	TE
at_locus.02944	2	3,689,548	3,690,389	16	3	16	no	TE
at_locus.02945	2	3,693,201	3,693,731	4	0	2	no	TE
at_locus.02946	2	3,702,642	3,702,875	3	0	1	no	TE
at_locus.02947	2	3,703,900	3,704,133	3	0	1	no	TE
at_locus.02948	2	3,704,886	3,705,018	4	0	1	no	TE
at_locus.02949	2	3,705,750	3,705,966	3	0	2	no	TE
at_locus.02950	2	3,706,915	3,707,628	5	0	2	no	TE
at_locus.02951	2	3,707,994	3,708,484	4	0	3	no	TE
at_locus.02952	2	3,719,900	3,720,620	9	1	10	yes	TE
at_locus.02953	2	3,721,180	3,721,394	7	0	3	no	TE
at_locus.02954	2	3,722,252	3,723,688	8	1	9	no	TE
at_locus.02955	2	3,724,879	3,725,513	24	4	15	no	TE
at_locus.02956	2	3,726,572	3,726,953	4	1	6	no	TE
at_locus.02957	2	3,739,063	3,739,111	1	0	7	no	TE
at_locus.02958	2	3,739,709	3,740,071	4	0	2	no	TE
at_locus.02959	2	3,740,399	3,740,699	4	0	3	no	TE
at_locus.02960	2	3,740,813	3,741,108	1	0	6	no	TE
at_locus.02961	2	3,745,669	3,745,857	2	0	4	no	TE
at_locus.02962	2	3,747,040	3,747,472	3	0	7	no	TE
at_locus.02963	2	3,757,389	3,758,328	13	1	24	no	TE
at_locus.02964	2	3,758,530	3,758,676	5	0	9	no	TE
at_locus.02965	2	3,758,960	3,759,685	9	0	10	no	TE
at_locus.02966	2	3,771,308	3,771,704	4	0	13	no	TE
at_locus.02967	2	3,771,912	3,772,695	17	0	13	no	TE
at_locus.02968	2	3,773,250	3,773,287	2	0	6	no	TE
at_locus.02969	2	3,776,454	3,777,081	8	0	5	no	TE
at_locus.02970	2	3,777,204	3,777,466	12	0	5	no	TE
at_locus.02971	2	3,778,165	3,778,383	4	0	2	yes	TE
at_locus.02972	2	3,778,585	3,779,651	11	4	33	no	TE
at_locus.02973	2	3,779,853	3,780,027	6	0	10	no	TE
at_locus.02974	2	3,780,282	3,780,444	2	0	5	no	TE
at_locus.02975	2	3,835,734	3,836,058	4	0	2	no	TE
at_locus.02976	2	3,838,663	3,839,131	9	0	1	no	TE
at_locus.02977	2	3,840,719	3,840,934	6	1	2	no	TE
at_locus.02978	2	3,846,378	3,846,887	7	0	2	no	TE

at_locus.02979	2	3,848,893	3,848,916	5	0	0	no	TE
at_locus.02980	2	3,851,699	3,851,891	9	0	7	no	TE
at_locus.02981	2	3,853,916	3,854,036	4	0	3	no	TE
at_locus.02982	2	3,854,429	3,854,725	0	0	4	no	TE
at_locus.02983	2	3,861,966	3,862,164	12	0	4	no	TE
at_locus.02984	2	3,868,292	3,868,402	0	0	4	no	TE
at_locus.02985	2	3,868,657	3,869,273	18	0	4	no	TE
at_locus.02986	2	3,871,772	3,871,983	4	0	1	no	TE
at_locus.02987	2	3,872,385	3,872,574	0	0	4	no	TE
at_locus.02988	2	3,872,805	3,874,649	24	1	31	no	TE
at_locus.02989	2	3,874,903	3,875,269	19	2	10	no	TE
at_locus.02990	2	3,876,891	3,877,165	4	0	5	no	TE
at_locus.02991	2	3,878,658	3,879,036	4	1	4	no	TE
at_locus.02992	2	3,879,877	3,880,113	9	3	7	no	TE
at_locus.02993	2	3,880,300	3,880,994	4	1	11	no	TE
at_locus.02994	2	3,882,419	3,882,466	1	0	4	no	TE
at_locus.02995	2	3,883,318	3,883,426	1	0	5	no	TE
at_locus.02996	2	3,884,101	3,884,609	5	0	2	no	TE
at_locus.02997	2	3,884,749	3,885,274	10	0	14	no	TE
at_locus.02998	2	3,886,840	3,887,221	4	0	10	no	TE
at_locus.02999	2	3,889,483	3,890,194	21	0	6	no	TE
at_locus.03000	2	3,890,985	3,891,481	6	0	2	no	TE
at_locus.03001	2	3,892,742	3,893,102	9	1	8	no	TE
at_locus.03002	2	3,894,258	3,894,637	2	0	7	no	TE
at_locus.03003	2	3,907,752	3,907,807	0	0	5	no	TE
at_locus.03004	2	3,908,647	3,908,766	5	0	0	no	TE
at_locus.03005	2	3,913,947	3,914,466	11	0	12	no	TE
at_locus.03006	2	3,927,280	3,927,706	15	0	2	no	TE
at_locus.03007	2	3,951,797	3,952,020	4	0	4	no	TE
at_locus.03008	2	3,953,324	3,954,077	12	0	6	no	TE
at_locus.03009	2	3,955,380	3,955,636	4	0	1	no	TE
at_locus.03010	2	3,958,978	3,959,003	0	0	4	no	TE
at_locus.03011	2	3,961,733	3,961,938	0	0	4	no	TE
at_locus.03012	2	3,962,298	3,962,544	1	0	5	no	TE
at_locus.03013	2	3,962,791	3,963,796	26	0	11	no	TE
at_locus.03014	2	3,964,325	3,965,026	9	0	10	no	TE
at_locus.03015	2	3,965,297	3,965,516	3	0	4	no	TE



at_locus.03016	2	3,970,452	3,970,562	4	0	2	no	TE
at_locus.03017	2	3,971,253	3,971,275	0	0	4	no	TE
at_locus.03018	2	3,972,116	3,972,624	31	0	22	no	TE
at_locus.03019	2	3,973,333	3,973,974	14	0	12	no	TE
at_locus.03020	2	3,974,378	3,976,280	33	2	48	no	TE
at_locus.03021	2	3,976,484	3,976,887	11	2	7	no	TE
at_locus.03022	2	3,977,655	3,978,220	6	0	9	yes	TE
at_locus.03023	2	3,978,445	3,979,815	24	4	31	no	TE
at_locus.03024	2	3,980,057	3,980,166	4	0	0	no	TE
at_locus.03025	2	3,983,578	3,983,960	0	0	5	no	TE
at_locus.03026	2	4,002,118	4,002,152	4	0	0	no	TE
at_locus.03027	2	4,025,359	4,025,804	10	0	3	yes	TE
at_locus.03028	2	4,031,284	4,032,071	46	2	0	no	TE
at_locus.03029	2	4,032,535	4,032,584	5	0	0	no	TE
at_locus.03030	2	4,038,195	4,038,532	3	0	11	yes	TE
at_locus.03031	2	4,044,222	4,045,222	11	0	5	no	TE
at_locus.03032	2	4,054,229	4,054,566	7	0	4	no	TE
at_locus.03033	2	4,063,132	4,063,717	5	0	1	no	TE
at_locus.03034	2	4,063,755	4,064,455	7	0	15	no	TE
at_locus.03035	2	4,085,009	4,085,046	10	0	0	yes	TE
at_locus.03036	2	4,085,585	4,086,414	4	2	19	yes	TE
at_locus.03037	2	4,086,531	4,086,778	5	1	0	yes	TE
at_locus.03038	2	4,093,573	4,093,651	6	0	1	no	TE
at_locus.03039	2	4,093,920	4,093,948	11	0	0	no	TE
at_locus.03040	2	4,105,322	4,106,011	7	0	6	no	TE
at_locus.03041	2	4,106,729	4,106,780	18	1	2	yes	TE
at_locus.03042	2	4,112,568	4,113,726	183	3	133	yes	
at_locus.03043	2	4,113,937	4,116,046	226	4	168	yes	
at_locus.03044	2	4,128,074	4,128,987	2	0	23	yes	TE
at_locus.03045	2	4,132,252	4,132,539	1	0	6	yes	TE
at_locus.03046	2	4,136,451	4,136,486	7	0	0	no	TE
at_locus.03047	2	4,137,488	4,137,630	5	2	6	no	TE
at_locus.03048	2	4,140,242	4,140,646	2	0	5	yes	TE
at_locus.03049	2	4,149,398	4,149,545	29	75	33	yes	
at_locus.03050	2	4,161,407	4,161,694	2	0	6	no	TE
at_locus.03051	2	4,168,644	4,168,755	4	0	2	no	TE
at_locus.03052	2	4,169,136	4,169,356	0	0	4	yes	TE

at_locus.03053	2	4,171,138	4,171,170	4	0	0	no	TE
at_locus.03054	2	4,174,800	4,175,011	5	0	2	no	TE
at_locus.03055	2	4,176,961	4,177,099	5	0	6	no	TE
at_locus.03056	2	4,179,131	4,179,405	2	0	6	yes	TE
at_locus.03057	2	4,180,361	4,180,472	4	0	2	no	TE
at_locus.03058	2	4,181,558	4,181,580	0	0	4	no	TE
at_locus.03059	2	4,182,163	4,182,384	3	0	5	no	TE
at_locus.03060	2	4,182,820	4,183,883	16	1	5	yes	TE
at_locus.03061	2	4,184,107	4,184,402	6	0	1	yes	TE
at_locus.03062	2	4,184,639	4,184,749	5	0	1	no	TE
at_locus.03063	2	4,185,805	4,186,034	1	0	4	yes	TE
at_locus.03064	2	4,186,968	4,187,263	6	0	11	yes	TE
at_locus.03065	2	4,188,610	4,188,847	8	0	7	yes	TE
at_locus.03066	2	4,191,341	4,191,703	14	1	4	no	TE
at_locus.03067	2	4,193,203	4,193,742	21	0	6	no	TE
at_locus.03068	2	4,195,230	4,195,650	0	0	5	no	TE
at_locus.03069	2	4,199,613	4,200,794	21	0	12	no	TE
at_locus.03070	2	4,204,553	4,205,913	13	0	23	no	TE
at_locus.03071	2	4,210,199	4,211,953	29	0	20	yes	TE
at_locus.03072	2	4,216,162	4,216,634	3	0	5	no	TE
at_locus.03073	2	4,216,949	4,218,201	12	0	21	no	TE
at_locus.03074	2	4,220,441	4,220,644	4	0	0	no	TE
at_locus.03075	2	4,220,964	4,221,252	3	0	2	no	TE
at_locus.03076	2	4,221,520	4,221,590	4	0	1	no	
at_locus.03077	2	4,223,666	4,225,917	26	4	24	no	TE
at_locus.03078	2	4,226,316	4,226,609	5	0	2	yes	TE
at_locus.03079	2	4,226,918	4,227,185	9	0	2	yes	TE
at_locus.03080	2	4,227,602	4,227,682	4	0	1	no	TE
at_locus.03081	2	4,228,777	4,228,988	15	0	4	no	TE
at_locus.03082	2	4,229,233	4,229,379	1	3	5	no	
at_locus.03083	2	4,234,220	4,234,431	15	0	4	no	TE
at_locus.03084	2	4,243,929	4,244,792	20	2	14	yes	TE
at_locus.03085	2	4,248,874	4,249,052	4	1	2	no	TE
at_locus.03086	2	4,249,475	4,249,877	6	0	5	no	TE
at_locus.03087	2	4,250,463	4,251,184	23	2	17	no	TE
at_locus.03088	2	4,263,778	4,265,376	26	4	32	no	TE
at_locus.03089	2	4,277,646	4,278,151	1	0	5	no	TE

at_locus.03090	2	4,288,297	4,288,441	4	0	0	yes	TE
at_locus.03091	2	4,291,053	4,291,223	10	3	4	no	TE
at_locus.03092	2	4,291,381	4,291,562	1	0	4	yes	TE
at_locus.03093	2	4,292,234	4,292,271	1	0	5	no	TE
at_locus.03094	2	4,294,333	4,294,554	0	0	5	no	TE
at_locus.03095	2	4,296,085	4,296,264	5	0	0	no	TE
at_locus.03096	2	4,296,511	4,296,868	4	0	8	no	TE
at_locus.03097	2	4,297,173	4,297,307	1	0	4	no	TE
at_locus.03098	2	4,298,004	4,298,499	5	0	4	no	TE
at_locus.03099	2	4,306,951	4,307,182	4	0	0	no	TE
at_locus.03100	2	4,308,695	4,308,768	4	0	0	no	TE
at_locus.03101	2	4,309,580	4,310,172	20	0	4	yes	TE
at_locus.03102	2	4,313,237	4,313,274	6	0	0	no	TE
at_locus.03103	2	4,314,502	4,314,682	4	0	3	no	
at_locus.03104	2	4,315,974	4,316,485	0	0	2	yes	
at_locus.03105	2	4,330,734	4,330,854	0	0	4	yes	
at_locus.03106	2	4,332,114	4,332,214	0	0	4	yes	
at_locus.03107	2	4,332,860	4,333,087	0	0	4	yes	
at_locus.03108	2	4,333,341	4,333,635	6	0	1	yes	
at_locus.03109	2	4,337,365	4,337,682	0	0	4	yes	TE
at_locus.03110	2	4,343,458	4,343,604	0	0	5	yes	TE
at_locus.03111	2	4,344,406	4,344,697	2	0	6	yes	TE
at_locus.03112	2	4,344,960	4,345,444	6	0	6	yes	TE
at_locus.03113	2	4,355,376	4,355,578	5	0	0	no	
at_locus.03114	2	4,360,595	4,361,747	20	1	12	no	TE
at_locus.03115	2	4,362,849	4,363,319	6	0	8	no	TE
at_locus.03116	2	4,366,285	4,366,528	5	0	1	no	TE
at_locus.03117	2	4,377,495	4,377,916	9	0	3	no	TE
at_locus.03118	2	4,378,277	4,378,451	4	0	5	no	TE
at_locus.03119	2	4,378,928	4,379,043	1	0	4	yes	TE
at_locus.03120	2	4,380,212	4,380,508	4	0	0	yes	TE
at_locus.03121	2	4,390,640	4,391,356	8	0	11	yes	TE
at_locus.03122	2	4,400,006	4,400,033	1	0	4	no	TE
at_locus.03123	2	4,401,885	4,402,231	1	0	4	yes	TE
at_locus.03124	2	4,402,811	4,403,133	4	0	7	no	TE
at_locus.03125	2	4,403,430	4,403,661	4	0	2	no	TE
at_locus.03126	2	4,405,506	4,405,982	10	0	13	no	TE

at_locus.03127	2	4,408,612	4,408,847	1	0	4	yes	TE
at_locus.03128	2	4,409,718	4,410,069	6	0	10	no	TE
at_locus.03129	2	4,410,802	4,410,975	5	0	3	no	TE
at_locus.03130	2	4,414,803	4,415,056	4	0	2	no	TE
at_locus.03131	2	4,452,549	4,452,848	4	0	1	yes	TE
at_locus.03132	2	4,457,902	4,457,949	6	0	0	yes	TE
at_locus.03133	2	4,468,960	4,469,012	4	1	0	no	TE
at_locus.03134	2	4,469,450	4,469,622	5	0	2	no	TE
at_locus.03135	2	4,475,009	4,475,296	5	0	2	no	TE
at_locus.03136	2	4,478,958	4,479,298	19	0	1	no	TE
at_locus.03137	2	4,480,786	4,481,008	4	0	1	yes	
at_locus.03138	2	4,482,459	4,482,671	0	0	4	no	TE
at_locus.03139	2	4,483,486	4,483,808	6	0	1	yes	TE
at_locus.03140	2	4,504,182	4,504,716	2	0	4	no	TE
at_locus.03141	2	4,512,554	4,512,704	1	0	7	no	
at_locus.03142	2	4,518,587	4,518,890	2	0	4	no	TE
at_locus.03143	2	4,520,881	4,521,342	9	1	14	no	TE
at_locus.03144	2	4,521,576	4,522,177	10	0	12	no	TE
at_locus.03145	2	4,522,478	4,523,010	8	1	8	no	TE
at_locus.03146	2	4,523,199	4,524,556	19	0	19	no	TE
at_locus.03147	2	4,526,381	4,526,751	0	0	7	no	TE
at_locus.03148	2	4,526,925	4,527,191	6	0	7	no	TE
at_locus.03149	2	4,527,437	4,527,584	2	0	4	no	TE
at_locus.03150	2	4,527,863	4,528,399	11	0	16	no	TE
at_locus.03151	2	4,528,669	4,529,597	10	0	11	no	TE
at_locus.03152	2	4,533,190	4,533,260	5	0	1	no	TE
at_locus.03153	2	4,533,707	4,533,908	5	0	0	no	TE
at_locus.03154	2	4,565,635	4,566,589	15	1	8	no	TE
at_locus.03155	2	4,566,810	4,568,488	28	0	52	no	TE
at_locus.03156	2	4,568,772	4,569,508	10	0	25	no	TE
at_locus.03157	2	4,569,747	4,571,558	38	1	76	yes	TE
at_locus.03158	2	4,571,593	4,572,969	70	3	22	no	TE
at_locus.03159	2	4,577,988	4,578,900	14	0	18	no	TE
at_locus.03160	2	4,579,219	4,579,781	2	0	7	no	TE
at_locus.03161	2	4,589,436	4,589,772	10	0	11	no	TE
at_locus.03162	2	4,597,444	4,597,635	5	0	0	yes	TE
at_locus.03163	2	4,600,873	4,601,288	14	0	8	no	TE

at_locus.03164	2	4,602,824	4,602,871	6	0	9	no	TE
at_locus.03165	2	4,603,184	4,603,209	4	0	0	no	TE
at_locus.03166	2	4,603,609	4,604,006	1	0	4	no	TE
at_locus.03167	2	4,605,656	4,605,784	2	0	5	no	TE
at_locus.03168	2	4,613,437	4,614,428	9	0	6	no	TE
at_locus.03169	2	4,622,889	4,624,470	20	0	17	no	TE
at_locus.03170	2	4,656,956	4,657,123	3	0	4	yes	TE
at_locus.03171	2	4,681,958	4,682,069	4	0	3	no	TE
at_locus.03172	2	4,696,968	4,697,296	0	0	5	yes	TE
at_locus.03173	2	4,697,568	4,697,845	4	0	5	no	TE
at_locus.03174	2	4,700,979	4,701,323	1	0	6	yes	TE
at_locus.03175	2	4,705,923	4,706,647	16	0	7	no	TE
at_locus.03176	2	4,716,865	4,716,898	4	0	0	no	TE
at_locus.03177	2	4,718,788	4,719,192	5	0	0	no	TE
at_locus.03178	2	4,720,987	4,721,423	4	0	3	no	TE
at_locus.03179	2	4,722,495	4,722,803	8	0	3	no	TE
at_locus.03180	2	4,723,444	4,723,614	0	0	4	yes	TE
at_locus.03181	2	4,730,803	4,730,824	0	0	5	no	TE
at_locus.03182	2	4,730,836	4,731,016	6	0	0	no	TE
at_locus.03183	2	4,740,575	4,740,717	3	0	6	yes	TE
at_locus.03184	2	4,765,282	4,765,742	5	0	1	no	TE
at_locus.03185	2	4,766,281	4,766,878	27	0	1	no	TE
at_locus.03186	2	4,783,301	4,783,801	0	0	5	no	TE
at_locus.03187	2	4,786,907	4,787,194	0	0	4	no	TE
at_locus.03188	2	4,787,571	4,787,742	0	0	6	no	TE
at_locus.03189	2	4,787,959	4,788,367	6	0	10	no	TE
at_locus.03190	2	4,791,282	4,791,614	4	0	0	no	TE
at_locus.03191	2	4,803,475	4,803,521	21	0	0	no	TE
at_locus.03192	2	4,806,192	4,806,431	0	0	5	yes	TE
at_locus.03193	2	4,832,994	4,833,245	4	1	7	no	
at_locus.03194	2	4,841,187	4,842,109	4	0	14	yes	TE
at_locus.03195	2	4,853,892	4,854,001	1	0	5	no	TE
at_locus.03196	2	4,856,759	4,856,800	3	0	5	no	TE
at_locus.03197	2	4,860,043	4,860,487	0	0	4	no	TE
at_locus.03198	2	4,869,683	4,869,901	2	0	0	no	TE
at_locus.03199	2	4,877,438	4,877,629	0	0	5	yes	
at_locus.03200	2	4,880,257	4,880,713	5	0	3	yes	TE

at_locus.03201	2	4,882,365	4,882,712	2	0	3	no	TE
at_locus.03202	2	4,886,934	4,887,456	1	0	3	no	TE
at_locus.03203	2	4,890,647	4,890,913	5	0	0	no	TE
at_locus.03204	2	4,891,528	4,891,669	1	0	8	no	TE
at_locus.03205	2	4,892,421	4,892,471	4	0	0	no	TE
at_locus.03206	2	4,893,499	4,894,333	17	0	19	no	TE
at_locus.03207	2	4,894,593	4,894,666	5	0	0	no	TE
at_locus.03208	2	4,894,899	4,895,127	5	0	0	no	TE
at_locus.03209	2	4,909,355	4,909,382	1	0	4	no	TE
at_locus.03210	2	4,919,005	4,919,216	5	0	2	no	TE
at_locus.03211	2	4,923,821	4,924,812	9	0	5	no	TE
at_locus.03212	2	4,926,712	4,926,735	4	0	1	yes	TE
at_locus.03213	2	4,933,889	4,934,100	5	0	1	no	TE
at_locus.03214	2	4,938,683	4,939,674	9	0	6	no	TE
at_locus.03215	2	4,941,665	4,941,930	1	0	5	no	TE
at_locus.03216	2	4,942,122	4,944,250	30	1	42	yes	TE
at_locus.03217	2	4,960,742	4,961,204	4	1	5	yes	TE
at_locus.03218	2	4,964,037	4,964,374	19	0	18	yes	TE
at_locus.03219	2	4,966,474	4,967,518	18	0	8	yes	TE
at_locus.03220	2	4,968,235	4,968,939	25	1	14	yes	
at_locus.03221	2	4,969,685	4,970,137	1	0	11	yes	
at_locus.03222	2	4,970,996	4,971,590	10	0	11	yes	TE
at_locus.03223	2	4,971,730	4,972,257	24	3	20	yes	
at_locus.03224	2	4,972,742	4,973,207	45	5	26	yes	
at_locus.03225	2	4,973,612	4,974,055	20	0	10	yes	
at_locus.03226	2	4,980,120	4,980,151	7	0	5	no	
at_locus.03227	2	4,980,495	4,980,744	6	0	2	yes	TE
at_locus.03228	2	4,981,984	4,982,084	4	0	3	yes	TE
at_locus.03229	2	4,985,419	4,986,014	5	2	4	no	TE
at_locus.03230	2	4,996,472	4,997,663	13	0	11	yes	TE
at_locus.03231	2	4,997,974	4,998,091	8	0	9	no	TE
at_locus.03232	2	4,998,425	4,998,762	9	0	12	yes	TE
at_locus.03233	2	5,004,068	5,004,404	0	0	6	yes	TE
at_locus.03234	2	5,017,171	5,017,383	13	0	0	no	TE
at_locus.03235	2	5,029,592	5,030,011	0	0	10	yes	TE
at_locus.03236	2	5,044,833	5,045,393	43	0	1	no	TE
at_locus.03237	2	5,048,304	5,048,595	4	0	4	yes	TE

at_locus.03238	2	5,050,040	5,050,242	1	0	6	yes	TE
at_locus.03239	2	5,055,168	5,055,302	4	0	2	yes	TE
at_locus.03240	2	5,059,345	5,059,559	18	0	0	yes	TE
at_locus.03241	2	5,060,983	5,061,500	3	0	4	yes	
at_locus.03242	2	5,065,356	5,065,397	6	0	3	no	TE
at_locus.03243	2	5,065,987	5,066,253	6	0	0	yes	TE
at_locus.03244	2	5,066,657	5,066,811	1	0	7	yes	TE
at_locus.03245	2	5,067,656	5,067,814	4	0	2	no	TE
at_locus.03246	2	5,068,168	5,068,380	5	0	1	no	TE
at_locus.03247	2	5,087,494	5,087,971	0	0	5	yes	TE
at_locus.03248	2	5,088,618	5,088,688	40	0	0	yes	TE
at_locus.03249	2	5,091,843	5,093,419	16	0	18	yes	TE
at_locus.03250	2	5,097,974	5,098,561	6	0	1	yes	TE
at_locus.03251	2	5,098,863	5,099,289	5	0	3	no	TE
at_locus.03252	2	5,101,318	5,102,500	14	0	17	yes	TE
at_locus.03253	2	5,103,146	5,103,374	0	0	5	no	TE
at_locus.03254	2	5,104,094	5,104,440	4	0	5	no	TE
at_locus.03255	2	5,104,683	5,104,927	4	0	2	no	TE
at_locus.03256	2	5,109,795	5,110,171	5	0	1	yes	TE
at_locus.03257	2	5,113,402	5,113,663	2	0	4	yes	TE
at_locus.03258	2	5,114,152	5,114,380	0	0	5	no	TE
at_locus.03259	2	5,116,059	5,116,577	4	0	6	no	TE
at_locus.03260	2	5,117,005	5,117,293	2	0	6	yes	TE
at_locus.03261	2	5,118,924	5,119,050	6	0	0	no	TE
at_locus.03262	2	5,126,745	5,126,786	6	0	1	no	TE
at_locus.03263	2	5,127,118	5,127,200	3	0	0	no	TE
at_locus.03264	2	5,127,546	5,127,711	4	0	3	yes	TE
at_locus.03265	2	5,130,515	5,131,317	5	0	13	no	TE
at_locus.03266	2	5,131,673	5,131,706	1	0	4	no	TE
at_locus.03267	2	5,133,931	5,134,146	1	0	5	no	TE
at_locus.03268	2	5,135,560	5,135,724	4	0	0	no	TE
at_locus.03269	2	5,138,156	5,138,919	5	0	11	yes	TE
at_locus.03270	2	5,146,253	5,146,363	4	0	2	no	TE
at_locus.03271	2	5,151,299	5,151,390	4	0	0	no	TE
at_locus.03272	2	5,154,977	5,155,278	4	0	1	no	TE
at_locus.03273	2	5,159,588	5,159,611	1	0	4	no	TE
at_locus.03274	2	5,160,226	5,160,248	0	0	4	no	TE

at_locus.03275	2	5,161,863	5,162,129	16	0	11	yes	TE
at_locus.03276	2	5,205,176	5,205,634	6	0	9	no	TE
at_locus.03277	2	5,205,880	5,206,381	8	0	10	no	TE
at_locus.03278	2	5,206,627	5,207,128	9	0	10	no	TE
at_locus.03279	2	5,207,391	5,207,874	7	0	8	no	TE
at_locus.03280	2	5,208,119	5,208,619	8	0	10	no	TE
at_locus.03281	2	5,208,865	5,209,169	7	0	4	no	TE
at_locus.03282	2	5,209,468	5,209,905	8	0	9	no	TE
at_locus.03283	2	5,210,214	5,210,650	9	0	9	no	TE
at_locus.03284	2	5,210,960	5,211,460	8	0	7	no	TE
at_locus.03285	2	5,211,705	5,212,206	7	0	6	no	TE
at_locus.03286	2	5,212,596	5,212,895	8	0	8	no	TE
at_locus.03287	2	5,220,121	5,220,954	13	0	11	yes	TE
at_locus.03288	2	5,228,082	5,228,218	39	2	6	no	TE
at_locus.03289	2	5,228,784	5,228,850	4	0	0	no	TE
at_locus.03290	2	5,229,128	5,229,329	5	0	3	no	TE
at_locus.03291	2	5,229,762	5,230,891	9	0	24	no	TE
at_locus.03292	2	5,231,067	5,232,658	27	1	51	no	TE
at_locus.03293	2	5,233,188	5,233,705	35	1	5	no	TE
at_locus.03294	2	5,233,991	5,234,065	4	0	0	no	TE
at_locus.03295	2	5,234,724	5,236,115	9	0	25	no	TE
at_locus.03296	2	5,236,297	5,237,888	27	1	53	no	TE
at_locus.03297	2	5,238,547	5,238,923	35	1	4	no	TE
at_locus.03298	2	5,239,209	5,239,283	4	0	0	no	TE
at_locus.03299	2	5,240,425	5,241,293	23	0	23	yes	TE
at_locus.03300	2	5,241,567	5,241,859	1	0	4	no	TE
at_locus.03301	2	5,242,144	5,244,694	27	1	69	no	TE
at_locus.03302	2	5,244,908	5,245,243	7	0	1	yes	TE
at_locus.03303	2	5,256,847	5,258,543	12	1	24	no	TE
at_locus.03304	2	5,258,743	5,258,937	10	3	5	no	TE
at_locus.03305	2	5,260,694	5,260,796	4	0	0	no	TE
at_locus.03306	2	5,261,048	5,261,260	6	0	1	yes	TE
at_locus.03307	2	5,261,648	5,262,057	1	0	4	no	TE
at_locus.03308	2	5,264,089	5,264,246	1	0	4	no	TE
at_locus.03309	2	5,265,631	5,265,868	2	0	7	no	TE
at_locus.03310	2	5,266,201	5,267,464	7	0	14	no	TE
at_locus.03311	2	5,267,747	5,268,293	6	0	8	no	TE



at_locus.03312	2	5,268,653	5,269,489	17	1	15	no	TE
at_locus.03313	2	5,271,292	5,271,718	3	0	4	no	TE
at_locus.03314	2	5,272,399	5,272,636	2	0	7	no	TE
at_locus.03315	2	5,272,969	5,274,232	7	0	15	no	TE
at_locus.03316	2	5,274,515	5,275,056	5	0	8	no	TE
at_locus.03317	2	5,275,247	5,276,255	19	1	20	no	TE
at_locus.03318	2	5,278,017	5,278,504	3	0	5	no	TE
at_locus.03319	2	5,279,124	5,279,361	2	0	7	no	TE
at_locus.03320	2	5,279,692	5,279,859	1	0	4	no	TE
at_locus.03321	2	5,280,115	5,280,955	5	0	10	no	TE
at_locus.03322	2	5,281,238	5,281,779	5	0	8	no	TE
at_locus.03323	2	5,281,970	5,282,978	18	1	20	no	TE
at_locus.03324	2	5,284,987	5,285,175	7	0	2	no	TE
at_locus.03325	2	5,286,705	5,286,939	4	0	0	yes	TE
at_locus.03326	2	5,290,267	5,290,463	1	0	5	no	TE
at_locus.03327	2	5,314,317	5,314,594	0	1	4	no	TE
at_locus.03328	2	5,319,392	5,319,557	5	0	1	no	TE
at_locus.03329	2	5,338,768	5,338,830	36	2	5	no	TE
at_locus.03330	2	5,339,212	5,339,409	1	0	5	no	TE
at_locus.03331	2	5,339,884	5,340,146	6	0	8	no	TE
at_locus.03332	2	5,340,322	5,340,682	2	0	13	no	TE
at_locus.03333	2	5,342,058	5,342,290	0	0	4	no	TE
at_locus.03334	2	5,342,557	5,343,018	2	0	12	no	TE
at_locus.03335	2	5,344,654	5,344,696	29	1	3	no	TE
at_locus.03336	2	5,352,537	5,352,779	4	0	3	no	TE
at_locus.03337	2	5,353,960	5,354,140	6	0	4	no	TE
at_locus.03338	2	5,356,877	5,357,179	2	0	5	no	TE
at_locus.03339	2	5,361,210	5,361,421	4	0	1	no	TE
at_locus.03340	2	5,370,995	5,371,520	10	0	12	no	TE
at_locus.03341	2	5,375,122	5,375,517	4	0	0	no	TE
at_locus.03342	2	5,382,059	5,382,180	4	0	0	yes	TE
at_locus.03343	2	5,384,344	5,384,608	4	0	2	yes	TE
at_locus.03344	2	5,401,813	5,402,068	10	0	0	no	TE
at_locus.03345	2	5,403,912	5,404,178	2	0	6	no	TE
at_locus.03346	2	5,405,264	5,405,553	1	0	4	no	TE
at_locus.03347	2	5,406,430	5,406,850	33	0	1	yes	TE
at_locus.03348	2	5,430,820	5,430,863	2	0	4	yes	TE

at_locus.03349	2	5,431,472	5,431,936	1	0	5	yes	TE
at_locus.03350	2	5,434,172	5,434,571	23	0	15	yes	TE
at_locus.03351	2	5,435,756	5,436,055	1	1	14	yes	
at_locus.03352	2	5,439,487	5,439,737	5	0	4	no	TE
at_locus.03353	2	5,442,257	5,442,579	5	0	4	yes	
at_locus.03354	2	5,449,109	5,449,636	4	0	0	no	TE
at_locus.03355	2	5,449,930	5,450,199	2	0	4	no	TE
at_locus.03356	2	5,450,715	5,450,821	0	0	4	no	TE
at_locus.03357	2	5,451,360	5,451,660	4	0	4	no	TE
at_locus.03358	2	5,473,102	5,473,394	5	2	1	no	TE
at_locus.03359	2	5,474,001	5,474,088	11	0	0	no	TE
at_locus.03360	2	5,475,776	5,476,045	5	0	0	yes	TE
at_locus.03361	2	5,498,883	5,499,213	6	0	0	no	TE
at_locus.03362	2	5,501,481	5,501,834	7	0	6	no	TE
at_locus.03363	2	5,502,539	5,502,869	5	0	1	no	TE
at_locus.03364	2	5,507,368	5,507,549	5	0	1	no	TE
at_locus.03365	2	5,514,019	5,514,050	8	0	3	no	
at_locus.03366	2	5,517,362	5,517,384	4	0	0	no	TE
at_locus.03367	2	5,522,999	5,523,487	0	0	3	yes	
at_locus.03368	2	5,546,863	5,547,103	0	5	0	yes	
at_locus.03369	2	5,549,379	5,549,563	6	0	0	yes	
at_locus.03370	2	5,564,460	5,565,260	20	0	2	no	TE
at_locus.03371	2	5,572,197	5,572,399	2	0	6	no	TE
at_locus.03372	2	5,572,628	5,576,830	72	3	79	yes	TE
at_locus.03373	2	5,578,258	5,578,510	7	0	2	no	TE
at_locus.03374	2	5,578,776	5,579,210	6	0	8	no	TE
at_locus.03375	2	5,579,583	5,579,960	5	0	6	no	TE
at_locus.03376	2	5,580,733	5,581,281	8	0	6	no	TE
at_locus.03377	2	5,581,491	5,586,094	90	4	107	yes	TE
at_locus.03378	2	5,589,191	5,589,433	1	0	4	yes	
at_locus.03379	2	5,595,770	5,596,553	26	1	0	yes	
at_locus.03380	2	5,598,357	5,598,446	5	0	0	yes	
at_locus.03381	2	5,605,751	5,606,055	12	0	1	yes	
at_locus.03382	2	5,606,985	5,607,539	1	0	6	yes	
at_locus.03383	2	5,609,986	5,610,233	0	0	4	yes	TE
at_locus.03384	2	5,613,426	5,613,464	4	0	0	yes	
at_locus.03385	2	5,614,536	5,614,594	8	1	0	no	TE

at_locus.03386	2	5,618,056	5,618,768	9	0	3	yes	TE
at_locus.03387	2	5,618,998	5,619,187	1	0	6	yes	TE
at_locus.03388	2	5,643,019	5,643,211	0	0	4	yes	TE
at_locus.03389	2	5,643,947	5,643,997	5	0	0	yes	
at_locus.03390	2	5,655,202	5,655,410	4	0	1	yes	TE
at_locus.03391	2	5,665,575	5,665,961	1	0	5	no	TE
at_locus.03392	2	5,666,791	5,667,155	13	0	5	no	TE
at_locus.03393	2	5,667,876	5,667,912	0	0	5	no	
at_locus.03394	2	5,668,149	5,669,957	615	13	435	yes	
at_locus.03395	2	5,716,921	5,717,143	0	0	4	yes	TE
at_locus.03396	2	5,722,282	5,722,573	1	0	6	yes	
at_locus.03397	2	5,724,415	5,724,708	10	0	4	yes	
at_locus.03398	2	5,725,464	5,726,070	6	0	11	yes	
at_locus.03399	2	5,729,183	5,729,427	4	0	5	yes	
at_locus.03400	2	5,736,061	5,736,540	4	0	5	yes	TE
at_locus.03401	2	5,740,950	5,741,067	7	0	0	yes	TE
at_locus.03402	2	5,742,138	5,742,304	0	0	6	yes	
at_locus.03403	2	5,742,521	5,743,221	0	0	8	yes	
at_locus.03404	2	5,743,463	5,743,953	0	0	9	yes	TE
at_locus.03405	2	5,746,797	5,747,157	5	0	4	yes	TE
at_locus.03406	2	5,747,388	5,747,997	11	0	2	yes	TE
at_locus.03407	2	5,748,306	5,748,450	3	1	4	no	TE
at_locus.03408	2	5,755,811	5,756,232	2	0	4	yes	TE
at_locus.03409	2	5,757,350	5,757,779	18	0	19	yes	
at_locus.03410	2	5,768,123	5,768,315	1	2	9	yes	TE
at_locus.03411	2	5,768,700	5,769,059	12	0	3	yes	TE
at_locus.03412	2	5,769,340	5,769,510	7	0	1	no	TE
at_locus.03413	2	5,770,506	5,770,927	5	0	6	yes	TE
at_locus.03414	2	5,771,263	5,771,524	4	0	4	yes	TE
at_locus.03415	2	5,772,240	5,772,338	9	0	1	no	
at_locus.03416	2	5,781,905	5,782,024	13	0	2	no	TE
at_locus.03417	2	5,782,323	5,782,491	19	0	0	yes	TE
at_locus.03418	2	5,786,556	5,786,929	12	1	4	yes	TE
at_locus.03419	2	5,787,219	5,787,506	38	2	8	no	TE
at_locus.03420	2	5,789,067	5,789,857	5	0	12	yes	TE
at_locus.03421	2	5,790,115	5,791,520	14	0	18	yes	TE
at_locus.03422	2	5,792,297	5,792,605	4	0	5	no	TE

at_locus.03423	2	5,792,879	5,793,623	14	1	31	yes	TE
at_locus.03424	2	5,793,858	5,794,333	41	2	9	no	TE
at_locus.03425	2	5,799,078	5,799,251	10	0	0	yes	
at_locus.03426	2	5,806,175	5,806,700	5	0	15	yes	TE
at_locus.03427	2	5,813,885	5,814,046	58	1	4	no	TE
at_locus.03428	2	5,814,883	5,816,027	63	3	15	no	TE
at_locus.03429	2	5,816,594	5,818,797	36	0	57	no	TE
at_locus.03430	2	5,819,006	5,820,807	37	1	65	yes	TE
at_locus.03431	2	5,821,010	5,822,135	48	1	7	no	TE
at_locus.03432	2	5,822,424	5,822,449	8	0	0	no	TE
at_locus.03433	2	5,823,124	5,823,160	4	0	2	yes	
at_locus.03434	2	5,827,440	5,827,461	0	0	4	no	TE
at_locus.03435	2	5,829,422	5,830,554	31	1	3	no	TE
at_locus.03436	2	5,834,649	5,834,711	5	0	0	no	TE
at_locus.03437	2	5,835,292	5,835,354	5	0	0	no	TE
at_locus.03438	2	5,835,373	5,835,855	1	0	5	yes	TE
at_locus.03439	2	5,836,146	5,836,208	5	0	0	no	TE
at_locus.03440	2	5,842,577	5,842,664	7	0	0	yes	
at_locus.03441	2	5,849,804	5,850,062	19	0	0	no	TE
at_locus.03442	2	5,850,827	5,851,011	8	0	0	no	TE
at_locus.03443	2	5,853,557	5,853,918	7	0	2	no	TE
at_locus.03444	2	5,858,322	5,858,589	7	0	2	yes	TE
at_locus.03445	2	5,874,178	5,874,336	7	0	0	yes	
at_locus.03446	2	5,877,479	5,877,576	9	0	0	no	TE
at_locus.03447	2	5,881,301	5,881,462	6	0	1	yes	
at_locus.03448	2	5,887,270	5,887,368	4	0	0	yes	TE
at_locus.03449	2	5,892,308	5,892,740	10	6	6	no	
at_locus.03450	2	5,896,609	5,896,696	4	0	1	no	TE
at_locus.03451	2	5,924,931	5,925,127	5	0	0	yes	TE
at_locus.03452	2	5,941,358	5,941,599	6	0	0	yes	TE
at_locus.03453	2	5,943,801	5,943,846	5	0	0	no	TE
at_locus.03454	2	5,946,393	5,947,511	16	0	11	yes	
at_locus.03455	2	5,948,246	5,948,401	10	2	11	yes	
at_locus.03456	2	5,948,604	5,948,893	6	0	1	yes	
at_locus.03457	2	5,949,290	5,949,398	5	2	0	yes	
at_locus.03458	2	5,950,592	5,950,623	5	0	2	yes	
at_locus.03459	2	5,951,047	5,952,914	42	0	42	yes	TE

at_locus.03460	2	5,967,401	5,968,200	19	0	24	yes	TE
at_locus.03461	2	5,968,801	5,968,892	3	0	4	no	TE
at_locus.03462	2	5,971,932	5,972,028	6	0	3	no	TE
at_locus.03463	2	5,973,011	5,973,629	8	0	6	yes	TE
at_locus.03464	2	5,975,608	5,977,062	8	0	9	no	TE
at_locus.03465	2	5,977,450	5,977,837	5	0	4	no	TE
at_locus.03466	2	5,978,255	5,978,291	1	0	5	no	TE
at_locus.03467	2	5,980,260	5,980,521	4	0	2	no	TE
at_locus.03468	2	5,982,085	5,982,386	8	0	4	no	TE
at_locus.03469	2	5,982,600	5,982,887	21	0	16	no	TE
at_locus.03470	2	5,992,068	5,992,406	4	0	1	yes	TE
at_locus.03471	2	5,992,938	5,993,927	21	1	9	yes	TE
at_locus.03472	2	5,994,356	5,994,730	4	0	7	yes	TE
at_locus.03473	2	5,996,561	5,997,017	3	0	4	yes	TE
at_locus.03474	2	5,997,449	5,997,972	2	0	5	yes	TE
at_locus.03475	2	5,998,238	5,998,276	1	0	4	no	TE
at_locus.03476	2	5,998,567	5,998,712	0	0	4	yes	TE
at_locus.03477	2	5,998,812	5,999,153	9	0	5	no	TE
at_locus.03478	2	5,999,580	5,999,914	7	0	1	yes	TE
at_locus.03479	2	6,000,126	6,000,431	2	0	7	no	TE
at_locus.03480	2	6,001,348	6,001,536	1	0	6	yes	TE
at_locus.03481	2	6,001,745	6,002,128	5	0	1	no	TE
at_locus.03482	2	6,003,039	6,003,194	6	0	1	no	TE
at_locus.03483	2	6,003,508	6,003,561	0	0	4	no	TE
at_locus.03484	2	6,004,394	6,004,456	5	0	0	yes	TE
at_locus.03485	2	6,011,916	6,012,346	1	0	7	yes	TE
at_locus.03486	2	6,043,489	6,043,738	7	0	0	yes	
at_locus.03487	2	6,051,111	6,052,030	44	1	14	yes	TE
at_locus.03488	2	6,052,222	6,052,579	5	0	0	yes	TE
at_locus.03489	2	6,053,103	6,053,513	5	0	0	yes	TE
at_locus.03490	2	6,062,258	6,062,773	5	0	4	yes	
at_locus.03491	2	6,088,946	6,089,201	3	0	9	yes	TE
at_locus.03492	2	6,091,191	6,091,539	11	0	0	no	TE
at_locus.03493	2	6,091,840	6,092,132	4	0	0	no	TE
at_locus.03494	2	6,096,800	6,096,844	4	0	0	yes	
at_locus.03495	2	6,106,612	6,106,840	12	0	0	no	TE
at_locus.03496	2	6,107,316	6,108,038	46	3	0	no	TE

at_locus.03497	2	6,108,373	6,108,936	25	0	2	yes	TE
at_locus.03498	2	6,137,488	6,137,989	14	0	1	no	TE
at_locus.03499	2	6,146,738	6,147,145	2	0	4	no	TE
at_locus.03500	2	6,171,270	6,171,330	9	0	1	no	
at_locus.03501	2	6,177,729	6,177,755	4	0	0	yes	TE
at_locus.03502	2	6,184,094	6,184,316	1	0	4	no	TE
at_locus.03503	2	6,184,615	6,184,890	7	0	3	yes	TE
at_locus.03504	2	6,186,949	6,187,053	8	0	0	yes	TE
at_locus.03505	2	6,200,093	6,200,673	10	1	7	yes	TE
at_locus.03506	2	6,201,179	6,201,608	3	0	15	yes	TE
at_locus.03507	2	6,202,637	6,203,383	3	0	7	yes	
at_locus.03508	2	6,203,641	6,203,919	1	0	5	yes	
at_locus.03509	2	6,213,675	6,214,231	36	0	1	no	TE
at_locus.03510	2	6,214,968	6,214,996	17	1	2	no	TE
at_locus.03511	2	6,224,287	6,224,379	12	0	13	yes	TE
at_locus.03512	2	6,224,581	6,224,637	6	0	1	yes	TE
at_locus.03513	2	6,226,273	6,226,804	11	0	7	yes	
at_locus.03514	2	6,254,097	6,254,948	17	0	20	yes	
at_locus.03515	2	6,255,881	6,256,545	22	1	7	no	TE
at_locus.03516	2	6,257,632	6,257,764	14	0	0	yes	
at_locus.03517	2	6,269,466	6,272,015	68	2	19	yes	TE
at_locus.03518	2	6,272,236	6,273,397	34	0	43	no	TE
at_locus.03519	2	6,273,678	6,278,120	110	4	121	yes	TE
at_locus.03520	2	6,281,690	6,282,043	13	1	0	yes	
at_locus.03521	2	6,323,402	6,323,546	7	0	0	no	TE
at_locus.03522	2	6,323,772	6,323,865	8	0	2	no	
at_locus.03523	2	6,325,091	6,325,255	6	0	0	yes	TE
at_locus.03524	2	6,332,856	6,333,272	6	0	4	yes	
at_locus.03525	2	6,336,997	6,337,754	15	0	22	no	TE
at_locus.03526	2	6,337,813	6,338,494	10	0	7	no	TE
at_locus.03527	2	6,340,721	6,341,184	7	0	7	no	TE
at_locus.03528	2	6,341,675	6,342,242	5	0	5	no	TE
at_locus.03529	2	6,343,261	6,343,578	3	1	5	no	TE
at_locus.03530	2	6,343,968	6,344,928	3	0	15	yes	TE
at_locus.03531	2	6,346,384	6,347,914	16	0	21	no	TE
at_locus.03532	2	6,348,232	6,348,484	4	0	4	no	TE
at_locus.03533	2	6,348,774	6,350,115	9	0	23	no	TE

at_locus.03534	2	6,350,514	6,350,846	9	0	9	no	TE
at_locus.03535	2	6,351,032	6,351,487	3	0	13	no	TE
at_locus.03536	2	6,351,632	6,352,064	11	0	0	yes	TE
at_locus.03537	2	6,356,090	6,356,677	18	0	11	yes	TE
at_locus.03538	2	6,357,751	6,357,823	4	0	0	yes	
at_locus.03539	2	6,358,359	6,358,833	5	3	8	yes	TE
at_locus.03540	2	6,382,900	6,383,148	5	0	0	yes	TE
at_locus.03541	2	6,384,182	6,385,023	97	1	64	yes	
at_locus.03542	2	6,386,094	6,386,803	26	1	13	yes	
at_locus.03543	2	6,390,309	6,390,600	8	2	1	no	TE
at_locus.03544	2	6,390,910	6,391,136	6	0	0	no	TE
at_locus.03545	2	6,405,277	6,405,521	38	1	7	yes	
at_locus.03546	2	6,409,755	6,409,910	4	0	0	yes	TE
at_locus.03547	2	6,416,911	6,417,018	1	0	4	no	TE
at_locus.03548	2	6,418,231	6,418,312	25	0	0	yes	TE
at_locus.03549	2	6,419,888	6,420,128	20	0	8	yes	
at_locus.03550	2	6,422,337	6,422,593	12	8	22	yes	TE
at_locus.03551	2	6,475,733	6,475,951	4	0	0	yes	TE
at_locus.03552	2	6,476,177	6,476,266	5	0	0	no	TE
at_locus.03553	2	6,487,735	6,487,760	6	0	0	yes	
at_locus.03554	2	6,502,796	6,504,415	27	1	31	yes	
at_locus.03555	2	6,504,704	6,505,227	12	0	12	yes	
at_locus.03556	2	6,505,964	6,506,617	17	0	19	yes	
at_locus.03557	2	6,514,961	6,515,108	0	0	4	yes	
at_locus.03558	2	6,516,111	6,517,371	11	1	13	yes	TE
at_locus.03559	2	6,520,971	6,521,135	4	0	0	yes	TE
at_locus.03560	2	6,522,426	6,522,503	0	0	5	no	TE
at_locus.03561	2	6,551,497	6,551,553	11	0	0	yes	
at_locus.03562	2	6,555,515	6,555,547	7	0	0	no	
at_locus.03563	2	6,558,011	6,558,094	0	0	4	yes	
at_locus.03564	2	6,567,401	6,567,555	9	0	1	no	
at_locus.03565	2	6,571,509	6,571,565	4	0	2	no	
at_locus.03566	2	6,573,250	6,574,109	50	0	17	yes	TE
at_locus.03567	2	6,574,656	6,574,784	4	0	4	no	TE
at_locus.03568	2	6,576,110	6,576,627	5	0	1	no	TE
at_locus.03569	2	6,577,506	6,577,966	9	1	6	no	TE
at_locus.03570	2	6,578,422	6,578,445	5	0	1	no	TE

at_locus.03571	2	6,579,070	6,579,378	9	0	1	no	TE
at_locus.03572	2	6,580,244	6,580,280	1	0	5	no	TE
at_locus.03573	2	6,582,248	6,582,509	4	0	2	no	TE
at_locus.03574	2	6,584,117	6,584,666	8	0	4	no	TE
at_locus.03575	2	6,584,879	6,585,087	5	0	10	yes	TE
at_locus.03576	2	6,585,709	6,586,650	11	1	6	yes	TE
at_locus.03577	2	6,590,467	6,591,383	13	0	7	no	TE
at_locus.03578	2	6,599,513	6,600,308	13	0	18	no	TE
at_locus.03579	2	6,600,853	6,601,000	2	0	1	no	TE
at_locus.03580	2	6,603,694	6,604,152	11	1	6	no	TE
at_locus.03581	2	6,604,405	6,604,620	6	0	1	no	TE
at_locus.03582	2	6,605,268	6,605,760	8	0	5	no	TE
at_locus.03583	2	6,607,740	6,608,590	8	0	9	no	TE
at_locus.03584	2	6,608,980	6,609,129	0	0	4	no	TE
at_locus.03585	2	6,609,212	6,609,593	5	0	1	no	TE
at_locus.03586	2	6,610,010	6,610,046	1	0	5	no	TE
at_locus.03587	2	6,613,881	6,614,434	8	0	4	no	TE
at_locus.03588	2	6,614,647	6,614,933	24	0	21	yes	TE
at_locus.03589	2	6,636,347	6,636,391	4	0	0	yes	TE
at_locus.03590	2	6,636,657	6,636,698	7	0	0	no	TE
at_locus.03591	2	6,636,916	6,636,950	8	0	0	no	TE
at_locus.03592	2	6,641,759	6,641,918	11	0	4	yes	
at_locus.03593	2	6,654,787	6,655,167	0	0	4	yes	
at_locus.03594	2	6,663,072	6,663,327	6	0	11	yes	
at_locus.03595	2	6,665,380	6,666,003	6	0	0	yes	TE
at_locus.03596	2	6,666,454	6,667,698	16	1	10	no	TE
at_locus.03597	2	6,668,670	6,668,763	5	0	1	no	TE
at_locus.03598	2	6,669,026	6,669,611	10	0	4	no	TE
at_locus.03599	2	6,669,981	6,670,129	4	1	4	no	TE
at_locus.03600	2	6,670,388	6,670,531	11	0	0	no	TE
at_locus.03601	2	6,670,769	6,671,201	14	1	0	no	TE
at_locus.03602	2	6,675,237	6,675,348	6	0	0	yes	TE
at_locus.03603	2	6,685,536	6,686,185	15	0	0	no	TE
at_locus.03604	2	6,686,445	6,686,484	12	0	0	no	TE
at_locus.03605	2	6,686,528	6,686,835	1	0	5	no	TE
at_locus.03606	2	6,687,742	6,687,816	16	0	0	yes	TE
at_locus.03607	2	6,689,284	6,689,421	6	0	0	no	TE



at_locus.03608	2	6,721,958	6,721,986	4	0	0	no	TE
at_locus.03609	2	6,723,087	6,723,260	11	2	1	yes	TE
at_locus.03610	2	6,724,180	6,724,233	0	0	4	no	TE
at_locus.03611	2	6,729,294	6,729,620	0	1	4	yes	TE
at_locus.03612	2	6,735,733	6,737,048	19	0	9	yes	TE
at_locus.03613	2	6,737,854	6,737,991	7	0	2	yes	TE
at_locus.03614	2	6,738,521	6,739,312	20	4	13	yes	TE
at_locus.03615	2	6,739,977	6,740,345	14	0	1	yes	TE
at_locus.03616	2	6,745,046	6,745,480	7	0	7	yes	
at_locus.03617	2	6,747,215	6,747,390	16	1	1	no	TE
at_locus.03618	2	6,772,531	6,772,639	4	0	0	yes	
at_locus.03619	2	6,784,820	6,784,845	4	17	2	yes	
at_locus.03620	2	6,785,992	6,786,399	7	0	1	yes	TE
at_locus.03621	2	6,793,464	6,793,975	0	0	4	yes	
at_locus.03622	2	6,810,732	6,810,810	30	2	0	no	TE
at_locus.03623	2	6,811,043	6,811,354	24	0	0	no	TE
at_locus.03624	2	6,820,153	6,820,218	5	0	0	yes	
at_locus.03625	2	6,848,546	6,848,597	4	0	0	yes	TE
at_locus.03626	2	6,850,006	6,850,122	4	0	0	yes	TE
at_locus.03627	2	6,859,968	6,860,864	24	0	2	no	TE
at_locus.03628	2	6,861,543	6,861,587	5	0	1	no	TE
at_locus.03629	2	6,861,961	6,862,034	8	0	1	yes	TE
at_locus.03630	2	6,868,144	6,868,203	4	0	0	no	TE
at_locus.03631	2	6,899,341	6,899,889	20	0	19	yes	TE
at_locus.03632	2	6,900,122	6,900,335	4	0	7	yes	TE
at_locus.03633	2	6,904,166	6,904,287	4	0	0	yes	TE
at_locus.03634	2	6,908,070	6,908,302	5	0	0	yes	TE
at_locus.03635	2	6,908,882	6,909,006	7	0	0	no	TE
at_locus.03636	2	6,909,288	6,909,314	4	0	1	yes	
at_locus.03637	2	6,909,659	6,910,699	54	1	38	yes	
at_locus.03638	2	6,921,156	6,921,541	0	0	5	yes	TE
at_locus.03639	2	6,922,220	6,922,441	4	0	2	yes	
at_locus.03640	2	6,929,992	6,930,160	18	0	0	no	TE
at_locus.03641	2	6,930,375	6,930,809	44	3	0	no	TE
at_locus.03642	2	6,931,048	6,931,179	13	0	0	no	TE
at_locus.03643	2	6,931,436	6,931,748	12	2	0	no	TE
at_locus.03644	2	6,932,374	6,932,459	9	0	0	no	TE

at_locus.03645	2	6,933,576	6,933,747	8	0	0	yes	
at_locus.03646	2	6,952,091	6,952,703	6	0	1	yes	TE
at_locus.03647	2	6,953,352	6,953,623	5	0	1	yes	
at_locus.03649	2	6,955,820	6,955,893	4	0	0	yes	
at_locus.03650	2	6,960,228	6,960,380	5	0	0	yes	
at_locus.03651	2	6,976,658	6,976,731	3	0	4	yes	
at_locus.03652	2	6,979,110	6,981,112	28	0	51	yes	
at_locus.03653	2	6,981,350	6,983,904	86	4	112	yes	
at_locus.03654	2	6,985,460	6,985,590	10	0	0	yes	
at_locus.03655	2	6,997,530	6,998,115	3	0	4	yes	TE
at_locus.03656	2	6,999,345	6,999,995	11	0	2	yes	TE
at_locus.03657	2	7,015,939	7,017,106	25	0	21	yes	TE
at_locus.03658	2	7,017,563	7,017,907	3	0	5	no	TE
at_locus.03659	2	7,018,134	7,018,184	4	0	0	no	TE
at_locus.03660	2	7,018,936	7,019,077	0	0	5	no	TE
at_locus.03661	2	7,020,466	7,020,914	5	0	5	yes	TE
at_locus.03662	2	7,040,573	7,040,708	5	0	0	yes	
at_locus.03663	2	7,073,873	7,074,028	5	0	0	no	TE
at_locus.03664	2	7,074,563	7,075,088	17	0	15	yes	TE
at_locus.03665	2	7,076,760	7,076,876	4	0	0	no	TE
at_locus.03666	2	7,077,394	7,077,679	10	0	6	no	TE
at_locus.03667	2	7,080,283	7,080,376	1	0	4	yes	
at_locus.03668	2	7,080,586	7,080,616	8	0	0	yes	
at_locus.03669	2	7,103,228	7,103,545	5	0	1	yes	TE
at_locus.03670	2	7,118,866	7,119,341	21	0	0	no	TE
at_locus.03671	2	7,119,718	7,120,174	10	0	1	yes	TE
at_locus.03672	2	7,122,350	7,122,572	6	0	0	yes	TE
at_locus.03673	2	7,123,982	7,124,269	1	0	5	yes	TE
at_locus.03674	2	7,125,285	7,125,669	0	0	4	yes	TE
at_locus.03675	2	7,155,192	7,155,545	10	0	3	yes	
at_locus.03676	2	7,160,706	7,161,125	11	2	0	no	TE
at_locus.03677	2	7,161,733	7,161,810	15	0	0	no	TE
at_locus.03678	2	7,162,633	7,162,873	12	0	1	no	TE
at_locus.03679	2	7,163,166	7,163,523	7	0	1	yes	TE
at_locus.03680	2	7,164,002	7,164,130	6	0	0	yes	
at_locus.03681	2	7,168,366	7,168,458	5	0	0	yes	TE
at_locus.03682	2	7,175,440	7,176,157	48	1	1	no	TE

at_locus.03683	2	7,176,564	7,176,606	9	0	0	no	TE
at_locus.03684	2	7,182,845	7,182,952	5	0	0	no	TE
at_locus.03685	2	7,183,018	7,183,046	0	0	4	no	TE
at_locus.03686	2	7,183,179	7,183,944	25	0	1	yes	TE
at_locus.03687	2	7,184,587	7,184,692	4	0	0	no	TE
at_locus.03688	2	7,185,458	7,185,677	9	0	0	no	TE
at_locus.03689	2	7,185,960	7,186,095	6	0	0	no	TE
at_locus.03690	2	7,189,705	7,190,016	7	0	0	yes	
at_locus.03691	2	7,190,755	7,190,969	17	1	9	yes	
at_locus.03692	2	7,191,473	7,192,262	81	0	0	yes	
at_locus.03693	2	7,197,920	7,198,617	12	74	27	yes	
at_locus.03694	2	7,200,468	7,200,537	4	0	0	yes	
at_locus.03695	2	7,210,566	7,211,920	36	0	29	yes	TE
at_locus.03696	2	7,212,126	7,213,401	162	2	152	yes	TE
at_locus.03697	2	7,233,063	7,233,095	0	0	4	yes	TE
at_locus.03698	2	7,236,108	7,236,220	4	0	0	yes	TE
at_locus.03699	2	7,237,610	7,237,698	4	0	0	yes	
at_locus.03700	2	7,253,919	7,254,025	4	0	1	yes	TE
at_locus.03701	2	7,254,517	7,254,573	8	0	0	yes	
at_locus.03702	2	7,285,706	7,285,979	9	0	1	yes	
at_locus.03703	2	7,296,337	7,296,989	25	0	1	no	TE
at_locus.03704	2	7,297,357	7,297,675	4	1	10	yes	TE
at_locus.03705	2	7,297,856	7,298,292	4	0	0	no	TE
at_locus.03706	2	7,298,618	7,298,726	4	0	0	no	TE
at_locus.03707	2	7,300,005	7,300,471	6	0	0	yes	TE
at_locus.03708	2	7,300,951	7,301,705	19	1	15	no	TE
at_locus.03709	2	7,301,985	7,302,385	10	0	1	yes	TE
at_locus.03710	2	7,306,080	7,306,484	7	0	12	yes	
at_locus.03711	2	7,335,077	7,335,592	21	1	9	yes	
at_locus.03712	2	7,347,465	7,348,022	34	0	0	yes	TE
at_locus.03713	2	7,355,277	7,355,355	4	0	0	yes	TE
at_locus.03714	2	7,355,842	7,356,569	69	2	38	yes	
at_locus.03715	2	7,358,394	7,358,627	7	0	0	no	TE
at_locus.03716	2	7,425,890	7,425,994	12	0	2	no	TE
at_locus.03717	2	7,426,317	7,426,461	15	0	0	no	TE
at_locus.03718	2	7,446,543	7,446,805	9	0	0	no	TE
at_locus.03719	2	7,449,526	7,449,615	9	2	0	no	TE

at_locus.03720	2	7,463,747	7,464,628	24	0	29	yes	
at_locus.03721	2	7,498,114	7,498,188	1	0	4	yes	
at_locus.03722	2	7,510,981	7,511,080	4	0	0	yes	
at_locus.03723	2	7,543,116	7,543,402	4	0	0	yes	TE
at_locus.03724	2	7,545,575	7,545,699	4	0	0	yes	TE
at_locus.03725	2	7,573,633	7,573,806	5	0	1	no	TE
at_locus.03726	2	7,588,556	7,589,022	6	0	0	no	TE
at_locus.03727	2	7,589,221	7,590,254	20	1	22	yes	TE
at_locus.03728	2	7,590,519	7,591,260	21	0	1	yes	TE
at_locus.03729	2	7,623,409	7,623,435	5	0	0	yes	
at_locus.03730	2	7,702,276	7,702,767	17	0	24	yes	
at_locus.03731	2	7,709,086	7,709,173	4	0	0	yes	
at_locus.03732	2	7,736,654	7,737,166	4	0	13	yes	
at_locus.03733	2	7,820,722	7,821,947	37	1	0	no	TE
at_locus.03734	2	7,851,662	7,851,722	22	0	1	yes	
at_locus.03735	2	7,882,231	7,882,396	8	0	0	yes	
at_locus.03736	2	7,912,054	7,912,243	5	0	0	yes	TE
at_locus.03737	2	7,912,990	7,913,288	10	0	1	yes	TE
at_locus.03738	2	7,963,150	7,963,499	26	0	1	yes	
at_locus.03739	2	7,966,892	7,967,095	4	0	0	no	TE
at_locus.03740	2	7,967,795	7,968,042	24	0	1	yes	TE
at_locus.03741	2	7,968,352	7,968,642	40	3	0	no	TE
at_locus.03742	2	8,016,421	8,016,677	12	0	0	yes	
at_locus.03743	2	8,023,712	8,023,814	5	0	0	yes	
at_locus.03744	2	8,024,345	8,024,956	7	0	0	yes	
at_locus.03745	2	8,042,619	8,042,779	4	0	0	no	TE
at_locus.03746	2	8,043,137	8,043,289	5	0	0	no	TE
at_locus.03747	2	8,045,907	8,046,510	85	2	70	yes	TE
at_locus.03748	2	8,046,695	8,047,916	111	2	67	yes	
at_locus.03749	2	8,049,012	8,049,050	6	0	0	yes	
at_locus.03750	2	8,053,054	8,053,351	16	0	1	no	TE
at_locus.03751	2	8,068,375	8,068,750	11	0	0	yes	TE
at_locus.03752	2	8,074,073	8,074,113	9	1	4	yes	TE
at_locus.03753	2	8,085,201	8,085,235	4	0	0	no	TE
at_locus.03754	2	8,109,664	8,110,551	18	0	0	yes	TE
at_locus.03755	2	8,111,492	8,111,947	17	0	15	yes	
at_locus.03756	2	8,164,754	8,164,898	6	0	2	yes	

at_locus.03757	2	8,180,657	8,180,780	7	0	0	no	TE
at_locus.03758	2	8,205,490	8,205,547	4	0	0	yes	
at_locus.03759	2	8,207,255	8,207,303	5	0	0	yes	
at_locus.03760	2	8,276,865	8,277,171	6	0	2	yes	TE
at_locus.03761	2	8,281,350	8,281,479	8	0	0	yes	TE
at_locus.03762	2	8,308,713	8,308,895	6	0	3	yes	
at_locus.03763	2	8,339,822	8,340,109	9	0	0	yes	
at_locus.03764	2	8,378,366	8,378,402	4	0	0	yes	
at_locus.03765	2	8,387,298	8,387,933	8	0	4	no	TE
at_locus.03766	2	8,389,518	8,389,742	4	0	0	yes	TE
at_locus.03767	2	8,410,294	8,411,387	80	4	77	yes	
at_locus.03768	2	8,420,697	8,421,396	15	1	11	yes	
at_locus.03769	2	8,427,633	8,427,807	26	0	2	no	TE
at_locus.03770	2	8,428,634	8,429,039	5	0	6	yes	TE
at_locus.03771	2	8,429,083	8,429,122	11	0	0	yes	TE
at_locus.03772	2	8,429,380	8,429,926	12	0	0	no	TE
at_locus.03773	2	8,542,227	8,542,382	6	0	0	yes	
at_locus.03774	2	8,561,916	8,562,071	18	0	0	no	TE
at_locus.03775	2	8,562,712	8,562,884	42	2	2	no	TE
at_locus.03776	2	8,569,020	8,569,115	1	0	4	yes	TE
at_locus.03777	2	8,570,807	8,570,840	0	0	5	yes	TE
at_locus.03778	2	8,573,584	8,573,857	2	0	5	yes	TE
at_locus.03779	2	8,586,035	8,586,184	5	0	0	no	
at_locus.03780	2	8,634,072	8,634,180	4	0	0	yes	TE
at_locus.03781	2	8,650,722	8,650,832	6	0	0	yes	
at_locus.03782	2	8,761,517	8,762,140	21	2	9	yes	
at_locus.03783	2	8,809,183	8,809,346	0	9	7	yes	
at_locus.03784	2	8,829,330	8,829,768	25	0	17	yes	
at_locus.03785	2	8,850,105	8,850,125	0	0	4	yes	
at_locus.03786	2	8,888,611	8,888,958	3	0	7	yes	
at_locus.03787	2	8,889,257	8,889,757	22	3	41	yes	
at_locus.03788	2	8,891,177	8,892,250	14	0	10	yes	TE
at_locus.03789	2	8,900,731	8,900,966	10	0	0	yes	TE
at_locus.03790	2	8,901,767	8,902,228	44	0	1	no	TE
at_locus.03791	2	8,914,752	8,915,188	8	0	0	yes	TE
at_locus.03792	2	8,918,118	8,918,536	10	0	4	yes	
at_locus.03793	2	8,924,411	8,924,452	10	0	0	yes	TE

at_locus.03795	2	9,012,726	9,012,899	15	0	0	yes	TE
at_locus.03796	2	9,027,436	9,027,574	4	0	0	yes	TE
at_locus.03797	2	9,032,688	9,032,861	5	0	0	yes	
at_locus.03798	2	9,036,890	9,036,976	5	0	0	no	TE
at_locus.03799	2	9,037,634	9,037,754	6	0	0	no	TE
at_locus.03800	2	9,054,965	9,054,997	5	0	1	no	
at_locus.03801	2	9,055,511	9,055,677	5	1	0	yes	
at_locus.03802	2	9,064,332	9,065,117	15	0	3	no	TE
at_locus.03803	2	9,065,475	9,066,884	23	2	8	yes	TE
at_locus.03804	2	9,070,258	9,070,408	9	0	0	no	TE
at_locus.03805	2	9,070,620	9,070,713	8	0	2	no	
at_locus.03806	2	9,070,977	9,071,346	22	1	0	no	
at_locus.03807	2	9,129,206	9,129,523	1	0	4	no	TE
at_locus.03808	2	9,132,545	9,133,055	1	0	5	yes	TE
at_locus.03809	2	9,199,370	9,199,454	4	0	1	yes	TE
at_locus.03810	2	9,199,623	9,200,750	26	0	13	yes	TE
at_locus.03811	2	9,204,159	9,204,243	6	0	0	yes	TE
at_locus.03812	2	9,232,558	9,233,039	15	1	1	no	TE
at_locus.03813	2	9,235,719	9,235,743	4	0	0	no	TE
at_locus.03814	2	9,236,217	9,236,257	4	0	0	no	TE
at_locus.03815	2	9,269,627	9,269,650	4	0	0	no	
at_locus.03816	2	9,272,424	9,272,915	9	21	6	yes	
at_locus.03817	2	9,296,795	9,297,059	4	0	0	no	
at_locus.03818	2	9,318,554	9,318,866	11	0	1	yes	TE
at_locus.03819	2	9,319,156	9,319,401	2	0	3	yes	TE
at_locus.03820	2	9,319,665	9,320,039	7	0	19	yes	TE
at_locus.03821	2	9,321,868	9,322,197	8	0	1	yes	TE
at_locus.03822	2	9,337,711	9,337,876	9	0	0	yes	TE
at_locus.03823	2	9,351,764	9,352,108	6	0	1	yes	
at_locus.03824	2	9,432,230	9,432,626	15	0	8	yes	
at_locus.03825	2	9,440,173	9,440,261	32	0	0	no	TE
at_locus.03826	2	9,440,503	9,440,651	14	0	0	no	TE
at_locus.03827	2	9,463,068	9,463,270	15	0	0	yes	TE
at_locus.03828	2	9,491,695	9,491,769	4	0	0	yes	TE
at_locus.03829	2	9,491,978	9,492,262	4	0	0	yes	TE
at_locus.03830	2	9,493,668	9,494,220	6	0	1	yes	
at_locus.03831	2	9,503,885	9,503,984	11	0	2	yes	TE

at_locus.03832	2	9,535,928	9,536,034	4	0	1	yes	TE
at_locus.03833	2	9,567,435	9,567,636	0	4	13	yes	
at_locus.03834	2	9,599,022	9,599,219	5	0	0	no	
at_locus.03835	2	9,601,732	9,603,116	11	0	5	yes	TE
at_locus.03836	2	9,640,636	9,640,781	58	2	4	no	TE
at_locus.03837	2	9,642,047	9,642,200	16	0	0	no	TE
at_locus.03838	2	9,646,045	9,646,220	9	0	2	yes	
at_locus.03839	2	9,651,359	9,651,382	4	0	0	yes	TE
at_locus.03840	2	9,661,449	9,661,930	1	0	5	yes	
at_locus.03841	2	9,662,297	9,663,535	38	1	6	no	TE
at_locus.03842	2	9,699,318	9,700,344	3	2	2	yes	
at_locus.03843	2	9,720,225	9,720,472	7	0	0	yes	TE
at_locus.03844	2	9,770,239	9,770,471	0	0	5	yes	TE
at_locus.03845	2	9,837,914	9,838,318	6	0	7	yes	
at_locus.03846	2	9,862,453	9,862,581	5	0	1	yes	
at_locus.03847	2	9,867,108	9,867,190	10	0	0	no	TE
at_locus.03848	2	9,867,514	9,867,592	7	0	0	no	TE
at_locus.03849	2	9,892,295	9,892,524	4	0	0	yes	TE
at_locus.03850	2	9,898,416	9,898,653	6	0	0	no	TE
at_locus.03851	2	9,903,666	9,903,909	24	0	1	yes	TE
at_locus.03852	2	9,904,331	9,904,523	57	1	1	yes	TE
at_locus.03853	2	9,929,747	9,929,873	7	0	1	yes	TE
at_locus.03854	2	9,949,282	9,949,363	1	5	3	yes	
at_locus.03855	2	9,954,463	9,954,626	4	0	0	yes	
at_locus.03856	2	9,993,629	9,993,653	16	29	6	yes	
at_locus.03857	2	10,008,974	10,010,074	1	0	10	yes	TE
at_locus.03858	2	10,010,305	10,010,492	1	2	5	no	TE
at_locus.03859	2	10,011,251	10,011,623	5	0	1	yes	TE
at_locus.03860	2	10,012,824	10,013,138	5	0	4	no	TE
at_locus.03861	2	10,013,496	10,013,584	5	0	2	yes	TE
at_locus.03862	2	10,025,248	10,025,322	25	0	2	no	TE
at_locus.03863	2	10,025,697	10,025,741	5	0	1	no	TE
at_locus.03864	2	10,026,137	10,027,316	32	0	7	yes	TE
at_locus.03865	2	10,034,038	10,034,131	2	11	6	yes	
at_locus.03866	2	10,045,000	10,045,255	7	0	0	yes	
at_locus.03867	2	10,077,182	10,077,305	4	0	0	no	TE
at_locus.03868	2	10,077,956	10,078,042	6	0	0	yes	TE

at_locus.03869	2	10,093,124	10,093,323	0	0	4	no	TE
at_locus.03870	2	10,093,699	10,094,209	3	1	8	no	TE
at_locus.03871	2	10,094,628	10,095,262	3	1	7	yes	TE
at_locus.03872	2	10,095,830	10,096,070	4	0	0	no	TE
at_locus.03873	2	10,096,170	10,096,705	4	0	9	no	TE
at_locus.03874	2	10,096,871	10,097,595	11	0	6	no	TE
at_locus.03875	2	10,098,381	10,098,850	1	0	5	yes	TE
at_locus.03876	2	10,099,267	10,099,730	2	0	5	no	TE
at_locus.03877	2	10,100,346	10,100,640	11	0	6	yes	TE
at_locus.03878	2	10,158,928	10,159,066	4	0	1	no	
at_locus.03879	2	10,159,292	10,159,394	13	0	2	yes	
at_locus.03880	2	10,201,763	10,202,032	11	0	0	yes	
at_locus.03881	2	10,246,506	10,246,563	8	0	1	yes	TE
at_locus.03882	2	10,262,466	10,262,497	11	0	1	no	TE
at_locus.03883	2	10,262,725	10,262,867	20	0	1	yes	TE
at_locus.03884	2	10,324,883	10,325,600	15	0	2	yes	TE
at_locus.03885	2	10,358,662	10,358,742	10	0	1	no	TE
at_locus.03886	2	10,375,936	10,376,109	2	0	4	yes	TE
at_locus.03887	2	10,418,799	10,418,967	0	0	4	yes	
at_locus.03888	2	10,441,646	10,441,978	17	0	2	yes	
at_locus.03889	2	10,443,774	10,444,316	13	0	5	yes	TE
at_locus.03890	2	10,472,704	10,472,911	4	0	0	yes	TE
at_locus.03891	2	10,474,451	10,474,851	4	0	2	yes	TE
at_locus.03892	2	10,475,212	10,475,458	7	0	1	no	TE
at_locus.03893	2	10,549,148	10,549,196	0	0	4	yes	
at_locus.03894	2	10,556,874	10,557,271	12	0	0	yes	
at_locus.03895	2	10,573,336	10,573,572	10	0	2	no	
at_locus.03896	2	10,577,241	10,577,553	10	0	20	yes	
at_locus.03897	2	10,599,273	10,600,106	13	0	11	no	TE
at_locus.03898	2	10,601,819	10,602,261	4	0	1	yes	TE
at_locus.03899	2	10,607,004	10,607,182	0	0	4	yes	TE
at_locus.03900	2	10,608,556	10,608,709	0	0	5	yes	TE
at_locus.03901	2	10,612,648	10,613,225	1	0	7	yes	TE
at_locus.03902	2	10,630,129	10,631,128	4	1	4	no	
at_locus.03903	2	10,649,114	10,649,342	4	0	0	yes	
at_locus.03904	2	10,683,549	10,683,632	29	65	11	yes	
at_locus.03905	2	10,685,263	10,685,526	6	0	0	yes	TE



at_locus.03906	2	10,689,845	10,689,923	5	0	0	no	TE
at_locus.03907	2	10,690,133	10,690,701	10	0	1	no	TE
at_locus.03908	2	10,694,123	10,694,200	9	0	0	yes	
at_locus.03909	2	10,739,469	10,739,514	4	0	0	yes	TE
at_locus.03910	2	10,768,139	10,768,179	0	0	4	no	TE
at_locus.03911	2	10,813,829	10,814,030	6	0	2	yes	
at_locus.03912	2	10,814,409	10,814,607	10	0	1	no	
at_locus.03913	2	10,821,454	10,822,181	9	0	15	yes	
at_locus.03914	2	10,882,507	10,883,139	5	0	13	no	TE
at_locus.03915	2	10,883,593	10,883,756	6	0	0	no	TE
at_locus.03916	2	10,883,783	10,884,575	7	0	11	no	TE
at_locus.03917	2	10,885,681	10,885,715	4	0	0	no	TE
at_locus.03918	2	10,886,003	10,886,605	15	0	3	no	TE
at_locus.03919	2	10,886,882	10,887,283	14	0	1	no	TE
at_locus.03920	2	10,938,683	10,939,541	15	0	11	yes	TE
at_locus.03921	2	10,980,793	10,980,887	7	0	0	yes	
at_locus.03922	2	11,003,259	11,003,398	8	0	1	yes	TE
at_locus.03923	2	11,050,253	11,050,759	41	0	24	yes	
at_locus.03924	2	11,051,045	11,051,250	8	0	5	yes	
at_locus.03925	2	11,051,465	11,051,819	4	0	6	yes	
at_locus.03926	2	11,052,111	11,052,473	113	6	92	yes	
at_locus.03927	2	11,054,211	11,054,777	35	1	0	yes	
at_locus.03928	2	11,065,386	11,065,461	11	1	0	yes	
at_locus.03929	2	11,083,029	11,083,203	8	0	0	yes	
at_locus.03930	2	11,171,071	11,171,201	5	0	0	yes	TE
at_locus.03931	2	11,184,201	11,184,280	16	0	0	yes	
at_locus.03932	2	11,274,025	11,274,206	1	0	5	no	TE
at_locus.03933	2	11,292,195	11,292,441	18	0	0	no	TE
at_locus.03934	2	11,292,675	11,293,515	29	0	0	no	TE
at_locus.03935	2	11,294,154	11,294,239	16	0	0	no	TE
at_locus.03936	2	11,322,875	11,322,935	9	0	0	yes	
at_locus.03937	2	11,353,036	11,353,187	6	0	2	yes	
at_locus.03938	2	11,406,224	11,406,455	11	0	0	no	TE
at_locus.03939	2	11,416,154	11,416,335	4	0	6	yes	
at_locus.03940	2	11,510,659	11,510,896	12	0	1	yes	TE
at_locus.03941	2	11,557,106	11,557,340	13	0	0	yes	
at_locus.03942	2	11,563,290	11,563,368	10	0	2	no	TE

at_locus.03943	2	11,604,401	11,604,860	23	0	1	no	TE
at_locus.03944	2	11,626,388	11,626,486	4	0	1	yes	
at_locus.03945	2	11,630,893	11,631,137	8	0	0	yes	
at_locus.03946	2	11,728,716	11,729,168	247	581	171	yes	
at_locus.03947	2	11,747,021	11,747,192	13	0	0	yes	
at_locus.03948	2	11,767,275	11,767,438	5	0	1	yes	
at_locus.03949	2	11,775,916	11,776,238	72	0	1	no	
at_locus.03950	2	11,819,964	11,819,993	5	0	0	yes	
at_locus.03951	2	11,874,410	11,874,908	8	0	2	yes	TE
at_locus.03952	2	11,915,956	11,916,073	11	0	0	no	TE
at_locus.03953	2	11,916,768	11,916,795	4	0	0	no	TE
at_locus.03954	2	11,949,987	11,950,088	38	68	145	yes	
at_locus.03955	2	11,960,227	11,960,281	5	1	0	yes	
at_locus.03956	2	11,990,048	11,990,909	31	0	9	no	TE
at_locus.03957	2	11,999,428	11,999,828	21	0	3	yes	
at_locus.03958	2	12,000,139	12,000,474	97	2	47	yes	
at_locus.03959	2	12,083,124	12,083,287	8	0	0	yes	
at_locus.03960	2	12,099,564	12,100,262	63	4	2	no	TE
at_locus.03961	2	12,100,488	12,100,783	11	0	0	no	TE
at_locus.03962	2	12,157,320	12,157,851	22	1	5	yes	
at_locus.03963	2	12,181,654	12,182,199	7	0	2	yes	
at_locus.03964	2	12,209,386	12,209,595	5	1	0	yes	
at_locus.03965	2	12,250,133	12,250,325	13	0	0	yes	
at_locus.03966	2	12,263,217	12,263,311	7	1	0	yes	
at_locus.03967	2	12,316,978	12,317,232	8	0	0	yes	
at_locus.03968	2	12,340,173	12,340,191	6	11	17	no	
at_locus.03969	2	12,342,133	12,342,151	6	11	17	no	
at_locus.03970	2	12,342,824	12,342,840	1	1	7	no	
at_locus.03971	2	12,379,748	12,379,879	4	0	0	yes	
at_locus.03972	2	12,420,857	12,421,023	4	0	0	yes	TE
at_locus.03973	2	12,561,207	12,561,614	19	0	0	no	TE
at_locus.03974	2	12,561,967	12,562,336	10	2	1	yes	TE
at_locus.03975	2	12,573,230	12,573,537	13	0	1	no	TE
at_locus.03976	2	12,573,802	12,574,106	4	0	4	no	TE
at_locus.03977	2	12,575,550	12,576,286	8	0	10	no	TE
at_locus.03978	2	12,577,777	12,578,415	1	0	8	no	TE
at_locus.03979	2	12,578,808	12,579,218	1	1	5	no	TE

at_locus.03980	2	12,580,009	12,580,625	7	0	5	no	TE
at_locus.03981	2	12,581,150	12,581,910	18	0	5	no	TE
at_locus.03982	2	12,582,662	12,582,956	1	0	5	no	TE
at_locus.03983	2	12,583,480	12,583,808	4	0	0	no	TE
at_locus.03984	2	12,584,076	12,584,391	5	0	0	no	TE
at_locus.03985	2	12,584,656	12,584,839	5	0	2	no	TE
at_locus.03986	2	12,666,769	12,667,157	1	0	5	yes	
at_locus.03987	2	12,715,629	12,716,040	6	0	1	yes	
at_locus.03988	2	12,732,610	12,732,692	6	0	0	yes	
at_locus.03989	2	12,746,476	12,747,340	24	0	9	yes	TE
at_locus.03990	2	12,761,488	12,761,659	0	0	6	yes	
at_locus.03991	2	12,762,122	12,762,346	3	0	5	yes	
at_locus.03992	2	12,774,216	12,774,362	1	3	0	yes	
at_locus.03993	2	12,787,754	12,787,873	4	0	0	no	
at_locus.03994	2	12,808,090	12,808,156	6	0	0	no	TE
at_locus.03995	2	12,808,780	12,809,502	15	0	0	no	TE
at_locus.03996	2	12,809,737	12,810,175	8	1	0	yes	TE
at_locus.03997	2	12,816,765	12,816,863	4	0	0	no	TE
at_locus.03998	2	12,817,125	12,817,218	8	0	2	no	
at_locus.03999	2	12,817,479	12,817,836	22	0	1	no	
at_locus.04000	2	12,818,822	12,819,023	4	0	0	yes	TE
at_locus.04001	2	12,819,215	12,820,100	41	1	12	yes	TE
at_locus.04002	2	12,986,810	12,986,879	11	1	0	yes	
at_locus.04003	2	13,009,112	13,009,149	1	0	0	no	
at_locus.04004	2	13,026,533	13,026,682	4	3	0	yes	
at_locus.04005	2	13,049,063	13,049,279	2	0	5	yes	
at_locus.04006	2	13,108,910	13,109,435	25	0	0	no	TE
at_locus.04008	2	13,230,370	13,230,683	0	0	5	yes	TE
at_locus.04009	2	13,232,445	13,232,661	2	0	4	yes	TE
at_locus.04010	2	13,274,700	13,275,012	12	2	0	no	TE
at_locus.04011	2	13,275,241	13,275,555	14	0	0	yes	TE
at_locus.04012	2	13,275,929	13,276,084	15	0	0	no	TE
at_locus.04013	2	13,278,990	13,279,218	4	17	1	yes	
at_locus.04014	2	13,307,422	13,307,509	8	0	2	yes	
at_locus.04015	2	13,343,123	13,343,157	10	0	0	no	TE
at_locus.04016	2	13,343,431	13,344,462	36	1	0	yes	TE
at_locus.04017	2	13,345,069	13,345,206	12	0	0	yes	TE

at_locus.04018	2	13,381,646	13,381,757	4	0	0	yes	
at_locus.04019	2	13,382,285	13,382,343	11	0	0	yes	
at_locus.04020	2	13,411,482	13,411,647	15	1	0	yes	
at_locus.04021	2	13,429,024	13,429,425	15	0	1	no	TE
at_locus.04022	2	13,429,702	13,430,304	15	0	3	no	TE
at_locus.04023	2	13,430,592	13,430,626	4	0	0	no	TE
at_locus.04024	2	13,431,732	13,432,524	7	0	12	no	TE
at_locus.04025	2	13,432,551	13,432,714	6	0	0	no	TE
at_locus.04026	2	13,433,168	13,433,547	5	0	11	no	TE
at_locus.04027	2	13,440,133	13,440,320	6	0	0	yes	
at_locus.04028	2	13,536,876	13,537,111	0	4	0	yes	
at_locus.04029	2	13,641,152	13,641,290	27	0	0	no	TE
at_locus.04030	2	13,641,497	13,641,804	7	0	1	yes	TE
at_locus.04031	2	13,800,813	13,801,212	6	0	0	yes	TE
at_locus.04032	2	13,815,072	13,815,193	4	0	0	yes	
at_locus.04033	2	13,893,015	13,893,600	28	0	0	yes	TE
at_locus.04034	2	13,913,966	13,915,035	63	1	1	no	TE
at_locus.04035	2	13,915,713	13,915,798	16	0	0	no	TE
at_locus.04036	2	14,016,533	14,016,652	4	0	2	yes	
at_locus.04037	2	14,016,872	14,017,202	9	0	6	yes	
at_locus.04038	2	14,341,570	14,342,132	43	4	2	no	TE
at_locus.04039	2	14,342,427	14,342,588	4	0	0	no	TE
at_locus.04040	2	14,370,812	14,370,985	7	1	0	yes	
at_locus.04041	2	14,393,758	14,394,133	9	0	0	yes	
at_locus.04042	2	14,416,721	14,417,248	4	0	1	no	TE
at_locus.04043	2	14,417,542	14,417,975	2	0	5	no	TE
at_locus.04044	2	14,418,345	14,418,783	1	0	5	yes	TE
at_locus.04045	2	14,424,157	14,424,210	6	0	3	yes	TE
at_locus.04046	2	14,425,570	14,425,612	5	0	0	yes	TE
at_locus.04047	2	14,464,395	14,464,624	7	0	1	yes	TE
at_locus.04048	2	14,479,620	14,480,102	12	0	8	yes	
at_locus.04049	2	14,560,879	14,561,188	8	0	1	yes	TE
at_locus.04050	2	14,602,125	14,602,300	6	0	0	no	
at_locus.04051	2	14,639,500	14,639,607	5	0	0	yes	
at_locus.04052	2	14,689,987	14,690,348	7	0	1	no	TE
at_locus.04053	2	14,690,572	14,690,700	5	0	2	no	TE
at_locus.04054	2	14,867,712	14,867,883	4	0	2	yes	

at_locus.04056	2	14,959,031	14,959,893	19	0	4	yes	TE
at_locus.04058	2	15,104,876	15,105,038	6	0	0	yes	
at_locus.04059	2	15,117,123	15,117,383	11	0	0	yes	
at_locus.04060	2	15,137,770	15,137,957	1	0	5	yes	TE
at_locus.04061	2	15,141,361	15,141,849	14	0	1	no	TE
at_locus.04062	2	15,147,832	15,147,865	11	0	0	no	
at_locus.04063	2	15,148,292	15,148,378	8	0	2	yes	TE
at_locus.04064	2	15,197,582	15,197,754	6	0	0	yes	
at_locus.04066	2	15,280,847	15,281,191	10	0	0	yes	TE
at_locus.04067	2	15,315,678	15,315,752	6	0	9	yes	
at_locus.04068	2	15,378,880	15,378,930	10	0	0	no	TE
at_locus.04069	2	15,409,198	15,409,305	14	0	0	yes	
at_locus.04070	2	15,455,887	15,456,164	14	0	0	yes	
at_locus.04071	2	15,573,998	15,574,426	42	0	1	no	TE
at_locus.04072	2	15,574,703	15,574,981	11	0	0	no	TE
at_locus.04073	2	15,581,325	15,581,599	3	0	0	yes	
at_locus.04074	2	15,581,828	15,582,103	4	1	0	yes	
at_locus.04075	2	15,603,719	15,604,137	5	0	2	no	TE
at_locus.04076	2	15,729,316	15,729,447	5	14	6	yes	
at_locus.04077	2	15,740,579	15,740,923	5	0	1	yes	
at_locus.04078	2	15,798,310	15,798,478	8	0	0	yes	
at_locus.04079	2	15,828,458	15,828,734	12	2	0	yes	
at_locus.04080	2	15,857,813	15,858,365	26	1	35	yes	
at_locus.04081	2	15,887,683	15,887,899	10	0	12	yes	
at_locus.04082	2	15,888,507	15,888,818	3	0	7	yes	
at_locus.04083	2	15,897,522	15,897,547	0	1	7	yes	
at_locus.04085	2	16,010,769	16,010,873	19	0	1	yes	
at_locus.04086	2	16,011,121	16,011,412	13	0	5	no	
at_locus.04087	2	16,015,045	16,015,149	8	0	2	yes	
at_locus.04088	2	16,015,397	16,015,689	13	0	5	no	
at_locus.04089	2	16,034,707	16,034,931	7	0	6	yes	
at_locus.04090	2	16,038,236	16,039,004	55	0	51	yes	
at_locus.04091	2	16,069,045	16,069,122	298	681	191	yes	
at_locus.04092	2	16,150,586	16,150,632	4	0	0	yes	
at_locus.04093	2	16,157,493	16,158,226	13	2	2	yes	TE
at_locus.04094	2	16,179,668	16,180,285	13	0	23	yes	
at_locus.04095	2	16,279,911	16,280,063	8	0	7	yes	

at_locus.04096	2	16,340,560	16,341,027	11	0	4	yes	
at_locus.04097	2	16,347,359	16,347,443	119	125	40	yes	
at_locus.04098	2	16,386,611	16,386,820	33	1	1	yes	TE
at_locus.04099	2	16,429,581	16,429,926	9	0	4	yes	
at_locus.04100	2	16,474,237	16,474,384	5	0	0	yes	
at_locus.04101	2	16,544,567	16,545,199	273	951	411	yes	
at_locus.04102	2	16,546,676	16,547,232	269	508	320	yes	
at_locus.04103	2	16,563,137	16,563,206	6	0	0	yes	
at_locus.04104	2	16,567,833	16,567,868	5	0	0	yes	TE
at_locus.04105	2	16,603,240	16,603,564	21	2	1	yes	
at_locus.04106	2	16,610,715	16,610,839	10	0	0	yes	
at_locus.04107	2	16,659,189	16,659,211	39	109	82	no	
at_locus.04108	2	16,749,476	16,749,524	5	0	0	yes	
at_locus.04109	2	16,805,595	16,805,951	15	0	1	yes	
at_locus.04110	2	16,842,159	16,842,356	1	0	5	yes	
at_locus.04111	2	16,883,173	16,883,345	28	2	2	no	TE
at_locus.04112	2	16,883,649	16,883,812	1	0	2	no	TE
at_locus.04113	2	16,884,070	16,884,223	25	0	0	yes	TE
at_locus.04114	2	16,897,544	16,897,750	13	0	0	no	
at_locus.04115	2	16,928,554	16,928,629	4	1	0	yes	
at_locus.04116	2	16,959,727	16,959,779	7	0	0	yes	
at_locus.04117	2	17,036,787	17,036,969	14	62	33	yes	
at_locus.04118	2	17,101,429	17,101,741	0	0	5	no	
at_locus.04119	2	17,154,239	17,154,605	8	0	1	no	TE
at_locus.04120	2	17,231,609	17,231,892	6	10	3	yes	
at_locus.04121	2	17,260,234	17,260,672	19	1	0	yes	TE
at_locus.04122	2	17,260,912	17,261,083	13	0	0	no	TE
at_locus.04123	2	17,261,301	17,261,464	4	0	0	no	TE
at_locus.04124	2	17,262,226	17,262,311	8	0	0	no	TE
at_locus.04125	2	17,262,901	17,263,084	39	0	0	yes	TE
at_locus.04126	2	17,263,756	17,263,842	22	1	0	yes	TE
at_locus.04127	2	17,296,471	17,296,595	4	0	1	no	
at_locus.04128	2	17,307,154	17,307,221	6	0	1	no	TE
at_locus.04129	2	17,307,434	17,307,469	4	0	0	no	TE
at_locus.04130	2	17,308,339	17,308,374	4	0	0	yes	
at_locus.04131	2	17,344,797	17,345,106	6	0	0	yes	TE
at_locus.04132	2	17,346,094	17,346,383	4	0	0	yes	TE

at_locus.04133	2	17,347,788	17,348,274	2	0	5	yes	TE
at_locus.04134	2	17,415,195	17,415,518	18	0	17	yes	
at_locus.04135	2	17,425,086	17,425,437	15	0	1	yes	TE
at_locus.04136	2	17,642,430	17,642,591	1	0	6	yes	
at_locus.04137	2	17,795,541	17,795,752	7	0	0	yes	
at_locus.04138	2	17,854,254	17,854,924	68	2	1	yes	
at_locus.04139	2	17,855,152	17,855,823	59	1	13	yes	
at_locus.04140	2	17,999,618	18,000,118	12	0	0	yes	TE
at_locus.04141	2	18,025,596	18,025,694	1	8	0	yes	
at_locus.04142	2	18,099,059	18,099,161	10	0	0	yes	
at_locus.04143	2	18,100,235	18,100,387	20	0	0	yes	
at_locus.04144	2	18,113,824	18,114,046	11	0	2	yes	TE
at_locus.04145	2	18,115,420	18,115,459	0	8	1	yes	
at_locus.04146	2	18,275,668	18,276,132	16	0	16	yes	
at_locus.04147	2	18,394,938	18,395,022	20	0	0	yes	
at_locus.04148	2	18,397,982	18,398,088	8	0	1	yes	
at_locus.04149	2	18,400,515	18,400,600	9	0	1	yes	
at_locus.04150	2	18,403,105	18,403,167	9	0	0	yes	
at_locus.04151	2	18,535,150	18,535,304	5	0	2	yes	
at_locus.04152	2	18,601,077	18,602,231	105	1	118	yes	TE
at_locus.04153	2	18,626,114	18,626,223	14	24	26	yes	
at_locus.04154	2	18,666,778	18,666,825	9	1	0	no	
at_locus.04155	2	18,667,042	18,667,500	7	0	1	no	
at_locus.04156	2	18,709,680	18,709,936	6	0	0	yes	
at_locus.04157	2	18,710,153	18,710,200	9	1	0	yes	
at_locus.04158	2	18,810,688	18,810,961	9	0	0	no	
at_locus.04160	2	18,964,765	18,965,026	15	0	0	yes	
at_locus.04161	2	18,979,725	18,979,759	10	0	6	yes	
at_locus.04162	2	18,980,485	18,981,013	2	7	6	yes	
at_locus.04163	2	19,001,898	19,001,919	38	544	121	yes	
at_locus.04164	2	19,078,615	19,078,969	9	0	1	yes	
at_locus.04165	2	19,170,082	19,170,487	3	0	0	yes	TE
at_locus.04166	2	19,179,285	19,179,322	11	0	0	no	TE
at_locus.04167	2	19,183,198	19,183,332	81	465	199	yes	
at_locus.04168	2	19,202,575	19,202,968	6	0	0	no	TE
at_locus.04169	2	19,203,742	19,203,819	15	0	0	no	TE
at_locus.04170	2	19,245,548	19,245,888	0	4	0	yes	

at_locus.04171	2	19,250,094	19,250,203	4	0	0	no	TE
at_locus.04172	2	19,326,933	19,327,024	10	34	39	yes	
at_locus.04174	2	19,351,870	19,352,139	0	4	0	yes	
at_locus.04175	2	19,360,868	19,361,148	2	0	4	yes	
at_locus.04176	2	19,381,191	19,381,414	10	1	0	yes	
at_locus.04177	2	19,421,494	19,421,656	4	0	0	yes	TE
at_locus.04178	2	19,422,147	19,422,246	24	70	31	yes	
at_locus.04179	2	19,527,839	19,527,919	182	486	149	yes	
at_locus.04180	2	19,630,174	19,630,718	12	0	2	yes	TE
at_locus.04181	2	19,704,811	19,705,358	1	0	0	no	
at_locus.04182	3	109	159	1	0	0	no	
at_locus.04184	3	158,445	158,798	14	0	5	yes	
at_locus.04185	3	422,780	423,204	23	0	1	no	TE
at_locus.04186	3	451,989	452,155	8	0	1	yes	
at_locus.04187	3	557,656	557,742	10	0	0	no	
at_locus.04188	3	558,021	558,075	39	0	0	no	
at_locus.04189	3	848,800	849,437	11	0	7	yes	
at_locus.04190	3	932,718	932,973	11	1	14	yes	
at_locus.04191	3	1,031,103	1,031,140	4	0	0	yes	
at_locus.04192	3	1,166,456	1,166,747	10	0	0	yes	
at_locus.04193	3	1,170,710	1,170,967	29	1	10	yes	TE
at_locus.04194	3	1,210,356	1,211,133	125	5	53	yes	
at_locus.04195	3	1,261,205	1,261,270	2	0	0	no	
at_locus.04196	3	1,283,554	1,284,198	6	0	0	yes	TE
at_locus.04197	3	1,369,978	1,370,474	10	2	2	no	TE
at_locus.04198	3	1,370,952	1,371,404	3	0	0	no	TE
at_locus.04199	3	1,571,580	1,571,623	4	0	0	no	TE
at_locus.04200	3	1,601,979	1,602,290	8	0	2	yes	TE
at_locus.04201	3	1,602,695	1,603,016	10	0	18	yes	
at_locus.04202	3	1,607,064	1,607,510	7	0	1	no	TE
at_locus.04203	3	1,657,766	1,657,993	4	8	4	no	
at_locus.04204	3	1,674,868	1,675,344	6	0	2	yes	
at_locus.04205	3	1,681,815	1,681,977	3	8	4	no	
at_locus.04206	3	1,924,075	1,924,278	9	0	1	no	
at_locus.04207	3	1,928,372	1,928,604	24	0	0	yes	
at_locus.04208	3	1,962,827	1,963,341	1	0	2	no	
at_locus.04209	3	1,963,651	1,966,975	1117	1711	1480	yes	TE



at_locus.04210	3	1,967,206	1,970,628	1080	1619	1454	yes	TE
at_locus.04211	3	1,971,539	1,972,078	2	0	2	no	TE
at_locus.04212	3	2,091,128	2,091,474	7	1	0	yes	
at_locus.04213	3	2,091,724	2,091,786	4	0	0	yes	
at_locus.04214	3	2,251,386	2,251,582	11	0	0	yes	
at_locus.04215	3	2,259,164	2,260,960	91	0	31	yes	TE
at_locus.04216	3	2,361,141	2,361,450	5	0	1	no	
at_locus.04217	3	2,508,905	2,508,935	5	0	1	yes	
at_locus.04218	3	2,628,990	2,629,326	8	2	1	no	TE
at_locus.04219	3	2,629,948	2,630,045	8	0	0	no	TE
at_locus.04220	3	2,772,636	2,772,787	4	2	0	yes	TE
at_locus.04221	3	2,808,755	2,809,049	7	0	5	no	TE
at_locus.04222	3	2,811,866	2,812,056	0	0	4	no	TE
at_locus.04223	3	2,888,303	2,888,423	7	0	5	yes	
at_locus.04225	3	2,921,977	2,922,579	15	0	3	no	TE
at_locus.04226	3	2,922,856	2,923,257	15	0	1	no	TE
at_locus.04227	3	2,988,710	2,988,868	8	0	4	yes	
at_locus.04228	3	3,204,818	3,204,921	4	0	0	yes	
at_locus.04229	3	3,366,353	3,366,422	47	210	113	yes	
at_locus.04230	3	3,367,983	3,368,023	7	0	0	yes	
at_locus.04231	3	3,423,569	3,423,790	10	0	0	yes	
at_locus.04232	3	3,599,797	3,599,901	28	49	138	yes	
at_locus.04233	3	3,686,607	3,686,659	4	0	0	yes	
at_locus.04234	3	3,687,061	3,687,098	2	0	5	yes	
at_locus.04235	3	3,716,348	3,716,390	9	0	0	no	TE
at_locus.04236	3	3,743,408	3,743,869	24	0	26	yes	
at_locus.04237	3	3,807,088	3,807,236	4	0	0	yes	
at_locus.04238	3	3,873,850	3,873,900	10	0	0	no	TE
at_locus.04239	3	3,965,198	3,965,556	14	0	1	yes	TE
at_locus.04240	3	3,965,898	3,965,932	7	0	1	no	TE
at_locus.04241	3	3,987,739	3,988,016	5	0	0	no	TE
at_locus.04242	3	3,988,365	3,988,408	10	0	0	no	TE
at_locus.04243	3	4,263,204	4,263,239	4	0	0	no	
at_locus.04244	3	4,359,017	4,359,211	2216	3299	1378	yes	
at_locus.04246	3	4,467,620	4,467,678	5	0	0	no	TE
at_locus.04247	3	4,494,194	4,494,376	5	1	0	yes	
at_locus.04248	3	4,496,832	4,496,921	17	34	12	yes	

at_locus.04249	3	4,551,570	4,551,857	14	0	1	yes	TE
at_locus.04251	3	4,579,244	4,579,711	24	1	1	no	TE
at_locus.04252	3	4,635,237	4,635,430	8	1	0	yes	
at_locus.04253	3	4,727,069	4,727,138	10	0	0	no	
at_locus.04254	3	4,727,878	4,727,946	6	0	0	yes	
at_locus.04255	3	4,728,709	4,728,778	10	0	0	no	
at_locus.04256	3	4,729,512	4,729,581	10	0	0	no	
at_locus.04257	3	4,745,635	4,745,812	5	1	0	yes	
at_locus.04258	3	4,752,953	4,753,093	10	0	1	yes	TE
at_locus.04259	3	4,796,172	4,796,452	4	1	0	yes	TE
at_locus.04260	3	4,805,805	4,805,827	14	18	25	no	
at_locus.04261	3	4,929,744	4,930,123	0	0	8	yes	TE
at_locus.04262	3	4,931,942	4,932,166	4	0	0	yes	TE
at_locus.04264	3	4,977,276	4,977,304	4	0	0	no	TE
at_locus.04265	3	4,977,984	4,978,025	5	0	0	yes	TE
at_locus.04267	3	5,278,449	5,278,634	4	0	0	no	TE
at_locus.04268	3	5,283,541	5,283,765	1	0	4	no	TE
at_locus.04269	3	5,359,311	5,359,327	4	0	0	no	
at_locus.04270	3	5,380,148	5,380,228	12	1	0	no	TE
at_locus.04271	3	5,387,133	5,387,258	1	3	7	yes	
at_locus.04272	3	5,404,932	5,405,212	13	0	0	yes	
at_locus.04273	3	5,405,644	5,406,018	10	1	0	yes	
at_locus.04274	3	5,406,309	5,406,347	7	0	0	yes	
at_locus.04275	3	5,453,088	5,453,762	30	1	17	yes	
at_locus.04276	3	5,622,739	5,623,031	10	2	1	no	TE
at_locus.04277	3	5,623,638	5,623,833	12	0	1	no	TE
at_locus.04278	3	5,651,214	5,651,402	7	0	0	yes	TE
at_locus.04279	3	5,652,322	5,652,360	6	0	1	no	TE
at_locus.04280	3	5,729,617	5,730,067	10	0	0	yes	
at_locus.04281	3	5,743,970	5,744,721	45	1	1	yes	TE
at_locus.04282	3	5,744,987	5,745,237	7	2	0	no	TE
at_locus.04283	3	5,778,861	5,778,974	9	0	0	yes	
at_locus.04284	3	5,779,230	5,780,706	210	6	130	yes	
at_locus.04285	3	5,780,894	5,781,275	11	0	0	yes	
at_locus.04286	3	5,792,570	5,792,593	4	0	0	no	TE
at_locus.04287	3	5,839,829	5,840,154	59	5	1	no	
at_locus.04288	3	5,862,085	5,862,375	323	874	87	yes	

at_locus.04289	3	5,866,223	5,866,433	6	0	0	no	TE
at_locus.04290	3	5,867,594	5,868,309	7	0	7	yes	
at_locus.04291	3	5,929,472	5,930,826	60	0	21	yes	TE
at_locus.04292	3	6,052,730	6,052,790	4	0	0	no	TE
at_locus.04293	3	6,073,441	6,073,689	7	0	2	yes	TE
at_locus.04294	3	6,244,678	6,244,699	230	589	17	yes	
at_locus.04295	3	6,295,384	6,295,918	17	0	3	yes	
at_locus.04296	3	6,344,736	6,344,898	5	0	0	no	TE
at_locus.04297	3	6,350,306	6,350,326	0	0	7	yes	
at_locus.04298	3	6,366,902	6,367,101	7	0	6	yes	
at_locus.04299	3	6,431,730	6,432,023	48	1	19	yes	
at_locus.04300	3	6,486,332	6,487,251	25	2	2	no	TE
at_locus.04301	3	6,576,361	6,576,482	4	0	1	no	
at_locus.04302	3	6,668,470	6,668,568	11	0	0	yes	
at_locus.04303	3	6,705,940	6,705,971	7	0	0	yes	
at_locus.04304	3	6,728,933	6,729,503	47	0	0	yes	TE
at_locus.04305	3	6,990,979	6,991,150	4	0	1	yes	
at_locus.04306	3	6,991,751	6,991,779	11	0	0	no	TE
at_locus.04307	3	7,032,928	7,032,944	5	6	12	no	
at_locus.04308	3	7,040,957	7,041,167	10	0	0	yes	TE
at_locus.04309	3	7,093,912	7,094,129	6	0	0	yes	
at_locus.04310	3	7,232,038	7,232,104	4	1	0	yes	
at_locus.04311	3	7,235,015	7,235,065	4	0	1	no	
at_locus.04312	3	7,235,269	7,235,380	7	0	2	yes	
at_locus.04313	3	7,274,685	7,274,747	19	2	0	yes	TE
at_locus.04314	3	7,279,116	7,279,440	23	0	1	yes	
at_locus.04315	3	7,279,704	7,279,797	8	0	2	no	
at_locus.04316	3	7,280,016	7,280,122	6	0	0	no	TE
at_locus.04317	3	7,291,836	7,291,932	6	0	0	yes	TE
at_locus.04318	3	7,318,508	7,319,295	23	0	2	yes	TE
at_locus.04319	3	7,342,788	7,343,205	67	0	1	no	
at_locus.04320	3	7,420,506	7,421,516	140	3	153	yes	
at_locus.04321	3	7,421,720	7,421,944	5	0	1	yes	
at_locus.04322	3	7,560,294	7,560,373	5	0	0	yes	TE
at_locus.04323	3	7,634,706	7,634,850	4	0	0	yes	TE
at_locus.04324	3	7,659,364	7,659,526	6	0	0	no	TE
at_locus.04326	3	7,703,858	7,703,910	5	0	0	yes	

at_locus.04327	3	7,711,102	7,711,125	14	0	0	yes	
at_locus.04328	3	7,713,852	7,713,899	22	0	1	no	
at_locus.04329	3	7,714,214	7,714,336	15	0	0	yes	TE
at_locus.04330	3	7,764,823	7,765,085	5	0	7	yes	
at_locus.04331	3	7,765,365	7,766,157	16	0	9	yes	TE
at_locus.04332	3	7,766,422	7,766,827	28	0	1	no	TE
at_locus.04333	3	7,782,314	7,782,404	4	0	0	no	
at_locus.04334	3	7,805,280	7,805,677	4	0	1	no	
at_locus.04335	3	7,805,894	7,806,427	5	0	1	no	
at_locus.04336	3	7,845,298	7,845,378	8	0	0	yes	TE
at_locus.04337	3	7,851,693	7,851,788	30	1	1	no	TE
at_locus.04338	3	7,856,684	7,857,034	5	0	0	yes	
at_locus.04339	3	7,860,784	7,860,879	30	1	1	no	TE
at_locus.04340	3	7,880,875	7,880,953	4	0	0	yes	
at_locus.04341	3	7,898,465	7,898,675	4	0	0	yes	TE
at_locus.04342	3	7,921,710	7,922,452	14	1	1	yes	TE
at_locus.04343	3	7,924,328	7,924,470	6	0	0	yes	TE
at_locus.04344	3	7,937,314	7,937,545	20	0	2	yes	TE
at_locus.04345	3	7,938,345	7,938,575	4	0	0	yes	TE
at_locus.04346	3	7,945,289	7,945,550	6	0	0	yes	
at_locus.04347	3	7,980,093	7,980,633	21	0	0	no	TE
at_locus.04348	3	7,995,058	7,995,201	7	0	0	no	TE
at_locus.04349	3	7,995,410	7,995,973	29	1	1	no	TE
at_locus.04350	3	7,996,558	7,996,643	11	0	0	no	TE
at_locus.04351	3	8,003,417	8,003,620	32	2	1	no	
at_locus.04352	3	8,093,561	8,093,916	7	0	3	no	TE
at_locus.04353	3	8,095,025	8,095,414	4	1	4	no	TE
at_locus.04354	3	8,095,768	8,095,909	4	0	0	no	TE
at_locus.04355	3	8,101,167	8,101,666	20	0	8	no	TE
at_locus.04356	3	8,108,093	8,108,199	89	286	141	yes	
at_locus.04357	3	8,130,519	8,130,543	1	0	5	yes	
at_locus.04358	3	8,138,735	8,138,782	6	0	2	yes	
at_locus.04359	3	8,209,633	8,210,122	19	0	0	yes	TE
at_locus.04360	3	8,219,729	8,220,034	6	0	3	yes	
at_locus.04361	3	8,231,287	8,231,347	10	0	0	yes	TE
at_locus.04362	3	8,231,849	8,231,964	0	0	4	yes	TE
at_locus.04363	3	8,232,337	8,232,397	7	0	1	no	TE

at_locus.04364	3	8,232,932	8,233,373	9	0	6	yes	
at_locus.04365	3	8,236,168	8,236,255	36	76	62	yes	
at_locus.04366	3	8,247,894	8,248,347	15	2	0	yes	
at_locus.04367	3	8,272,037	8,272,283	5	0	9	yes	
at_locus.04368	3	8,329,308	8,329,413	16	0	0	no	TE
at_locus.04369	3	8,332,142	8,332,452	9	0	4	yes	TE
at_locus.04370	3	8,362,650	8,362,769	4	0	0	yes	
at_locus.04371	3	8,371,118	8,371,337	5	0	2	yes	
at_locus.04372	3	8,371,815	8,372,045	9	0	2	yes	
at_locus.04373	3	8,411,519	8,411,905	2	6	0	yes	
at_locus.04374	3	8,492,097	8,492,280	9	0	0	no	TE
at_locus.04375	3	8,493,157	8,493,405	20	0	2	yes	TE
at_locus.04376	3	8,509,686	8,510,173	97	4	10	yes	
at_locus.04377	3	8,510,322	8,512,030	271	6	205	yes	
at_locus.04378	3	8,529,909	8,530,582	2	9	1	yes	
at_locus.04379	3	8,574,656	8,574,686	9	0	0	yes	
at_locus.04380	3	8,596,107	8,596,254	9	0	0	no	TE
at_locus.04381	3	8,596,886	8,596,972	5	0	0	no	TE
at_locus.04382	3	8,615,062	8,615,345	5	0	4	yes	
at_locus.04383	3	8,623,691	8,623,891	5	0	0	yes	
at_locus.04384	3	8,644,495	8,645,604	13	0	0	yes	TE
at_locus.04385	3	8,659,824	8,660,057	7	1	0	yes	TE
at_locus.04386	3	8,684,457	8,684,591	4	0	0	yes	
at_locus.04387	3	8,690,326	8,690,568	7	0	0	yes	
at_locus.04388	3	8,752,191	8,752,363	28	1	1	yes	TE
at_locus.04389	3	8,752,838	8,752,916	9	0	0	no	TE
at_locus.04390	3	8,757,621	8,757,832	10	0	0	yes	TE
at_locus.04391	3	8,772,180	8,772,384	12	0	0	yes	TE
at_locus.04392	3	8,796,410	8,796,932	6	0	10	yes	
at_locus.04393	3	8,842,998	8,843,369	26	1	1	no	TE
at_locus.04394	3	8,843,513	8,843,968	2	0	14	no	TE
at_locus.04395	3	8,844,154	8,844,486	4	0	4	no	TE
at_locus.04396	3	8,844,885	8,846,132	9	0	22	no	TE
at_locus.04397	3	8,846,517	8,846,873	5	0	6	no	TE
at_locus.04398	3	8,847,038	8,847,394	6	0	2	no	TE
at_locus.04399	3	8,847,652	8,847,821	4	0	8	no	TE
at_locus.04400	3	8,848,029	8,848,568	6	0	11	yes	TE

at_locus.04401	3	8,849,792	8,850,135	0	0	5	no	TE
at_locus.04402	3	8,851,128	8,851,646	5	1	6	no	TE
at_locus.04403	3	8,852,676	8,853,251	5	0	8	no	TE
at_locus.04404	3	8,853,640	8,854,187	8	0	7	no	TE
at_locus.04405	3	8,855,869	8,855,989	1	0	4	no	TE
at_locus.04406	3	8,856,368	8,857,049	10	0	5	no	TE
at_locus.04407	3	8,857,097	8,858,061	17	1	26	no	TE
at_locus.04408	3	8,874,929	8,875,652	19	0	2	yes	TE
at_locus.04409	3	8,883,323	8,884,042	19	1	1	yes	TE
at_locus.04410	3	8,895,041	8,895,068	4	0	1	yes	
at_locus.04411	3	8,931,139	8,931,165	6	0	0	yes	
at_locus.04412	3	8,944,919	8,945,032	8	0	0	yes	TE
at_locus.04413	3	8,956,294	8,956,320	9	0	0	yes	
at_locus.04414	3	8,957,172	8,957,464	8	0	1	yes	
at_locus.04415	3	8,977,274	8,977,506	16	0	0	yes	
at_locus.04417	3	8,985,832	8,985,896	11	0	0	yes	TE
at_locus.04418	3	9,135,045	9,135,393	21	0	12	yes	
at_locus.04419	3	9,142,384	9,143,261	17	0	22	yes	
at_locus.04420	3	9,188,511	9,188,750	6	0	8	yes	
at_locus.04421	3	9,198,878	9,198,948	7	0	0	yes	
at_locus.04422	3	9,257,464	9,257,487	4	2	0	yes	
at_locus.04423	3	9,323,277	9,323,365	10	0	2	no	TE
at_locus.04424	3	9,323,851	9,323,987	12	0	0	no	TE
at_locus.04425	3	9,328,959	9,329,062	5	1	3	yes	TE
at_locus.04426	3	9,332,937	9,333,223	4	0	3	yes	TE
at_locus.04427	3	9,336,587	9,336,638	12	0	0	yes	TE
at_locus.04428	3	9,363,046	9,363,074	7	0	0	no	TE
at_locus.04429	3	9,385,133	9,386,891	33	2	1	yes	TE
at_locus.04430	3	9,407,313	9,407,366	8	0	0	yes	TE
at_locus.04431	3	9,430,383	9,430,752	15	0	3	yes	
at_locus.04432	3	9,437,775	9,437,790	0	0	4	no	TE
at_locus.04433	3	9,446,038	9,446,053	0	0	4	no	TE
at_locus.04434	3	9,472,516	9,472,841	59	5	1	no	
at_locus.04435	3	9,541,684	9,542,479	14	0	2	yes	TE
at_locus.04436	3	9,559,920	9,560,212	10	2	1	no	TE
at_locus.04437	3	9,560,689	9,560,918	9	0	0	no	TE
at_locus.04438	3	9,577,364	9,577,634	5	0	0	yes	TE

at_locus.04439	3	9,596,734	9,597,015	21	0	0	yes	
at_locus.04440	3	9,609,391	9,610,098	16	0	4	yes	TE
at_locus.04441	3	9,610,456	9,611,690	22	1	8	no	TE
at_locus.04442	3	9,650,761	9,650,955	9	1	0	yes	
at_locus.04443	3	9,683,227	9,683,390	6	0	1	yes	
at_locus.04444	3	9,693,535	9,693,755	4	0	2	yes	TE
at_locus.04445	3	9,704,153	9,704,308	9	0	1	yes	TE
at_locus.04446	3	9,708,111	9,708,921	271	14	106	yes	
at_locus.04447	3	9,708,953	9,710,242	204	6	197	yes	TE
at_locus.04448	3	9,725,119	9,725,426	13	0	1	no	TE
at_locus.04449	3	9,725,691	9,725,995	4	0	4	no	TE
at_locus.04450	3	9,727,439	9,728,175	8	0	10	no	TE
at_locus.04451	3	9,729,666	9,730,304	1	0	8	no	TE
at_locus.04452	3	9,730,697	9,731,107	1	1	5	no	TE
at_locus.04453	3	9,731,898	9,732,514	7	0	5	no	TE
at_locus.04454	3	9,733,039	9,733,799	18	0	5	no	TE
at_locus.04455	3	9,734,551	9,734,845	1	0	5	no	TE
at_locus.04456	3	9,735,369	9,735,697	4	0	0	no	TE
at_locus.04457	3	9,735,965	9,736,280	5	0	0	no	TE
at_locus.04458	3	9,736,545	9,736,728	5	0	2	no	TE
at_locus.04459	3	9,755,641	9,755,921	12	0	0	yes	
at_locus.04460	3	9,767,596	9,768,027	36	2	0	no	TE
at_locus.04461	3	9,768,273	9,768,398	12	0	0	yes	TE
at_locus.04462	3	9,768,618	9,769,288	10	0	3	yes	TE
at_locus.04463	3	9,770,382	9,770,448	5	0	0	yes	
at_locus.04464	3	9,774,252	9,774,609	6	1	10	yes	TE
at_locus.04465	3	9,782,699	9,782,846	5	0	0	yes	TE
at_locus.04466	3	9,787,115	9,787,410	1	0	5	yes	TE
at_locus.04467	3	9,787,720	9,788,068	0	0	5	yes	TE
at_locus.04468	3	9,809,499	9,810,379	20	1	4	yes	TE
at_locus.04469	3	9,829,992	9,830,136	15	0	0	no	TE
at_locus.04470	3	9,830,460	9,830,564	7	0	0	no	TE
at_locus.04472	3	9,849,529	9,849,595	6	0	0	yes	
at_locus.04473	3	9,864,573	9,864,781	0	0	7	yes	
at_locus.04474	3	9,871,508	9,871,759	3	10	6	yes	
at_locus.04475	3	9,873,235	9,873,365	27	57	22	no	
at_locus.04476	3	9,873,593	9,873,740	26	56	20	no	

at_locus.04477	3	9,875,780	9,875,829	6	0	0	yes	
at_locus.04478	3	9,876,804	9,876,934	27	55	16	no	
at_locus.04479	3	9,877,148	9,877,297	26	59	21	no	
at_locus.04480	3	9,879,445	9,879,577	28	56	16	yes	
at_locus.04481	3	9,879,798	9,879,947	26	59	21	no	
at_locus.04482	3	9,891,333	9,891,718	9	0	0	yes	TE
at_locus.04483	3	9,904,589	9,904,852	7	0	0	yes	
at_locus.04484	3	9,966,780	9,967,199	29	0	25	yes	
at_locus.04485	3	9,978,069	9,978,093	4	0	0	yes	
at_locus.04486	3	9,978,300	9,978,703	11	2	0	yes	
at_locus.04487	3	9,983,288	9,983,311	4	0	0	yes	
at_locus.04488	3	9,989,285	9,989,651	7	0	0	yes	
at_locus.04489	3	9,990,087	9,990,290	7	0	5	yes	
at_locus.04490	3	9,998,001	9,998,077	7	1	2	yes	
at_locus.04491	3	10,006,405	10,006,502	4	0	0	no	
at_locus.04492	3	10,009,656	10,009,952	26	0	1	yes	TE
at_locus.04493	3	10,014,690	10,014,930	9	0	1	yes	
at_locus.04494	3	10,032,439	10,032,573	17	0	0	yes	TE
at_locus.04495	3	10,033,229	10,033,325	15	0	1	yes	TE
at_locus.04496	3	10,050,383	10,050,521	18	0	1	yes	TE
at_locus.04497	3	10,083,549	10,084,063	18	0	1	yes	TE
at_locus.04498	3	10,107,408	10,107,710	4	0	1	no	TE
at_locus.04499	3	10,112,115	10,112,576	7	0	2	yes	TE
at_locus.04500	3	10,115,495	10,115,705	5	0	1	no	
at_locus.04501	3	10,117,213	10,117,423	5	0	1	no	
at_locus.04502	3	10,140,660	10,140,797	5	0	0	yes	
at_locus.04503	3	10,141,981	10,142,019	4	0	0	yes	TE
at_locus.04504	3	10,168,192	10,168,606	1	0	4	no	TE
at_locus.04505	3	10,168,692	10,168,895	7	0	0	no	TE
at_locus.04506	3	10,169,214	10,170,233	17	0	4	yes	TE
at_locus.04507	3	10,177,947	10,178,108	6	0	0	yes	TE
at_locus.04508	3	10,178,442	10,178,802	26	1	6	yes	TE
at_locus.04509	3	10,191,944	10,192,269	10	0	1	yes	TE
at_locus.04510	3	10,203,797	10,203,819	4	0	0	no	TE
at_locus.04511	3	10,263,875	10,264,009	6	0	0	yes	TE
at_locus.04512	3	10,264,240	10,264,268	4	0	1	yes	TE
at_locus.04513	3	10,264,484	10,264,521	1	0	4	yes	TE



at_locus.04514	3	10,285,399	10,285,676	9	0	0	yes	TE
at_locus.04515	3	10,294,575	10,294,863	2	0	4	no	TE
at_locus.04516	3	10,295,031	10,295,553	9	0	1	no	TE
at_locus.04517	3	10,295,874	10,296,302	7	0	8	no	TE
at_locus.04518	3	10,320,153	10,320,172	0	0	6	no	
at_locus.04519	3	10,322,105	10,322,325	26	0	1	no	TE
at_locus.04520	3	10,326,470	10,326,489	0	0	6	no	
at_locus.04521	3	10,330,217	10,330,395	6	18	4	yes	
at_locus.04522	3	10,340,968	10,341,090	5	0	0	yes	TE
at_locus.04523	3	10,341,341	10,341,694	5	0	0	yes	TE
at_locus.04524	3	10,346,486	10,346,788	14	1	0	yes	TE
at_locus.04525	3	10,374,137	10,375,767	18	0	17	yes	TE
at_locus.04526	3	10,389,853	10,390,185	13	0	14	yes	
at_locus.04527	3	10,400,750	10,400,787	5	0	0	yes	
at_locus.04528	3	10,406,633	10,407,161	37	1	0	yes	TE
at_locus.04529	3	10,407,426	10,407,579	61	2	4	no	TE
at_locus.04530	3	10,408,469	10,408,498	7	0	0	no	TE
at_locus.04531	3	10,415,271	10,415,443	33	2	4	no	TE
at_locus.04532	3	10,415,691	10,416,254	1	0	3	no	TE
at_locus.04533	3	10,418,122	10,418,971	31	0	23	yes	TE
at_locus.04534	3	10,435,508	10,435,562	6	0	0	yes	
at_locus.04535	3	10,442,524	10,443,137	18	0	1	yes	TE
at_locus.04536	3	10,458,812	10,459,465	16	0	3	no	TE
at_locus.04537	3	10,460,758	10,461,192	5	0	15	yes	TE
at_locus.04538	3	10,462,592	10,463,819	18	0	18	no	TE
at_locus.04539	3	10,466,236	10,466,289	4	0	0	yes	TE
at_locus.04540	3	10,478,717	10,478,851	8	0	0	yes	TE
at_locus.04541	3	10,510,856	10,510,925	7	0	0	no	TE
at_locus.04542	3	10,511,190	10,511,322	4	0	1	no	TE
at_locus.04543	3	10,511,813	10,512,121	1	0	5	yes	TE
at_locus.04544	3	10,512,448	10,512,708	8	0	0	no	TE
at_locus.04545	3	10,515,330	10,515,537	17	0	0	yes	
at_locus.04546	3	10,518,954	10,519,185	8	0	0	yes	
at_locus.04547	3	10,523,385	10,523,720	10	0	4	yes	TE
at_locus.04548	3	10,527,323	10,527,456	4	0	0	yes	
at_locus.04549	3	10,532,102	10,532,129	5	0	2	yes	TE
at_locus.04550	3	10,553,799	10,553,954	10	1	0	no	TE

at_locus.04551	3	10,557,591	10,558,091	22	0	0	no	TE
at_locus.04552	3	10,558,386	10,558,585	13	0	0	no	TE
at_locus.04553	3	10,560,707	10,560,898	4	0	2	yes	
at_locus.04554	3	10,572,032	10,572,187	10	1	0	no	TE
at_locus.04555	3	10,575,811	10,576,320	27	0	1	no	TE
at_locus.04556	3	10,655,230	10,655,408	10	0	0	yes	TE
at_locus.04557	3	10,667,743	10,667,946	7	0	0	yes	TE
at_locus.04558	3	10,682,625	10,682,765	18	0	0	no	TE
at_locus.04559	3	10,683,035	10,683,143	4	0	0	no	TE
at_locus.04560	3	10,691,850	10,692,001	15	0	4	yes	
at_locus.04561	3	10,692,351	10,693,502	308	6	189	yes	TE
at_locus.04562	3	10,693,855	10,694,042	5	0	4	yes	
at_locus.04563	3	10,694,279	10,694,338	4	0	0	yes	
at_locus.04564	3	10,702,446	10,703,028	4	0	5	no	
at_locus.04565	3	10,703,319	10,703,604	4	0	5	yes	
at_locus.04566	3	10,703,886	10,704,540	5	0	1	no	
at_locus.04567	3	10,709,876	10,710,381	17	1	0	no	TE
at_locus.04568	3	10,719,129	10,719,548	38	0	0	no	TE
at_locus.04569	3	10,720,548	10,720,702	5	0	0	yes	
at_locus.04570	3	10,721,061	10,721,125	4	1	0	yes	
at_locus.04571	3	10,748,942	10,750,804	124	4	108	yes	
at_locus.04572	3	10,752,436	10,752,787	11	0	0	no	TE
at_locus.04574	3	10,759,274	10,759,817	49	0	1	no	TE
at_locus.04576	3	10,764,286	10,764,455	20	0	1	yes	TE
at_locus.04577	3	10,765,453	10,765,583	8	0	1	no	TE
at_locus.04578	3	10,766,172	10,766,288	4	0	1	yes	TE
at_locus.04579	3	10,767,373	10,767,601	8	0	6	yes	
at_locus.04580	3	10,778,747	10,778,828	8	0	0	yes	
at_locus.04581	3	10,792,401	10,792,671	4	0	0	no	
at_locus.04582	3	10,813,232	10,813,622	2	0	6	no	TE
at_locus.04583	3	10,817,423	10,817,695	8	0	0	no	TE
at_locus.04584	3	10,818,348	10,819,366	12	1	17	yes	TE
at_locus.04585	3	10,820,801	10,821,947	33	2	1	no	TE
at_locus.04586	3	10,822,598	10,822,683	14	0	0	no	TE
at_locus.04587	3	10,827,266	10,827,588	2	0	8	yes	
at_locus.04588	3	10,835,875	10,835,995	5	0	0	yes	TE
at_locus.04589	3	10,841,733	10,841,795	9	0	0	yes	TE

at_locus.04590	3	10,842,799	10,842,998	4	0	2	no	TE
at_locus.04591	3	10,863,638	10,863,869	9	0	0	no	TE
at_locus.04592	3	10,864,156	10,864,342	5	0	0	yes	TE
at_locus.04593	3	10,865,510	10,866,466	16	0	6	no	TE
at_locus.04594	3	10,866,504	10,867,156	5	1	9	no	TE
at_locus.04595	3	10,902,001	10,902,087	5	0	0	no	TE
at_locus.04596	3	10,909,375	10,909,533	4	0	2	yes	
at_locus.04597	3	10,922,467	10,922,834	1	0	4	yes	TE
at_locus.04598	3	10,926,155	10,926,361	0	4	3	yes	
at_locus.04599	3	10,929,030	10,929,314	7	0	2	yes	
at_locus.04600	3	10,939,139	10,939,603	22	0	0	yes	
at_locus.04601	3	10,947,333	10,949,010	52	2	75	yes	
at_locus.04602	3	10,959,921	10,959,991	5	0	0	no	TE
at_locus.04603	3	10,971,486	10,971,730	13	1	0	no	TE
at_locus.04604	3	10,972,157	10,972,314	5	0	2	yes	TE
at_locus.04605	3	10,973,495	10,974,032	0	0	4	yes	TE
at_locus.04606	3	10,976,676	10,976,951	4	0	0	no	TE
at_locus.04607	3	10,981,376	10,981,534	4	0	0	yes	TE
at_locus.04608	3	10,981,764	10,981,813	7	0	0	yes	TE
at_locus.04609	3	10,998,733	10,998,844	7	0	0	no	TE
at_locus.04610	3	11,022,992	11,023,735	18	0	2	yes	TE
at_locus.04611	3	11,025,581	11,026,327	27	0	27	yes	
at_locus.04612	3	11,042,924	11,043,153	4	0	0	yes	
at_locus.04613	3	11,043,894	11,044,264	30	1	38	yes	
at_locus.04614	3	11,044,966	11,045,002	19	3	1	yes	
at_locus.04615	3	11,054,390	11,054,424	6	0	0	yes	TE
at_locus.04616	3	11,055,207	11,057,541	87	4	32	yes	TE
at_locus.04617	3	11,057,767	11,060,536	55	0	83	yes	TE
at_locus.04618	3	11,060,745	11,064,108	92	4	92	yes	TE
at_locus.04619	3	11,071,513	11,072,402	3	0	14	yes	
at_locus.04620	3	11,080,231	11,080,515	23	1	2	yes	TE
at_locus.04621	3	11,080,719	11,080,741	1	0	5	yes	
at_locus.04622	3	11,081,482	11,081,520	7	0	0	no	
at_locus.04623	3	11,087,713	11,087,817	4	0	0	no	
at_locus.04624	3	11,090,994	11,091,053	9	0	0	yes	TE
at_locus.04625	3	11,091,675	11,092,212	31	1	0	yes	TE
at_locus.04626	3	11,095,550	11,095,866	11	0	0	yes	

at_locus.04627	3	11,098,539	11,098,579	4	0	0	no	TE
at_locus.04628	3	11,099,789	11,100,086	4	0	1	no	TE
at_locus.04629	3	11,100,686	11,101,537	18	0	14	yes	TE
at_locus.04630	3	11,121,607	11,121,963	5	0	0	yes	TE
at_locus.04631	3	11,133,496	11,133,980	12	0	0	no	TE
at_locus.04632	3	11,141,585	11,141,657	9	0	0	yes	
at_locus.04633	3	11,145,648	11,145,673	4	0	0	no	TE
at_locus.04634	3	11,146,895	11,147,376	1	0	4	yes	TE
at_locus.04635	3	11,160,104	11,160,167	6	1	0	yes	TE
at_locus.04636	3	11,163,973	11,164,181	20	0	1	yes	TE
at_locus.04637	3	11,168,348	11,168,570	9	1	1	no	TE
at_locus.04638	3	11,178,117	11,178,641	7	0	13	no	TE
at_locus.04639	3	11,178,746	11,178,802	0	0	4	no	TE
at_locus.04640	3	11,181,836	11,182,349	16	0	5	no	TE
at_locus.04641	3	11,182,551	11,182,846	22	0	21	yes	TE
at_locus.04642	3	11,183,638	11,184,044	34	0	31	yes	TE
at_locus.04643	3	11,184,565	11,184,886	9	1	3	yes	
at_locus.04644	3	11,185,866	11,186,112	11	0	1	yes	TE
at_locus.04645	3	11,187,265	11,187,825	10	0	7	yes	TE
at_locus.04646	3	11,197,941	11,198,138	4	0	1	no	
at_locus.04647	3	11,201,861	11,201,898	8	0	0	no	TE
at_locus.04648	3	11,202,197	11,202,231	10	0	0	no	TE
at_locus.04649	3	11,202,797	11,202,981	0	0	4	no	TE
at_locus.04650	3	11,203,950	11,204,010	4	0	0	no	TE
at_locus.04651	3	11,206,310	11,207,149	60	3	9	no	TE
at_locus.04652	3	11,216,757	11,216,857	4	1	0	yes	TE
at_locus.04653	3	11,222,286	11,222,454	19	0	0	yes	
at_locus.04654	3	11,226,242	11,227,060	22	1	8	yes	TE
at_locus.04655	3	11,227,302	11,228,523	27	2	12	yes	TE
at_locus.04656	3	11,229,702	11,231,182	25	0	32	yes	
at_locus.04657	3	11,231,401	11,231,849	5	0	13	yes	
at_locus.04658	3	11,245,889	11,246,525	11	0	1	yes	
at_locus.04659	3	11,285,049	11,285,181	5	0	0	yes	TE
at_locus.04660	3	11,290,050	11,290,271	11	1	9	yes	
at_locus.04661	3	11,297,694	11,297,939	16	0	1	yes	TE
at_locus.04662	3	11,317,394	11,317,789	5	0	2	yes	TE
at_locus.04663	3	11,317,859	11,318,557	15	0	8	yes	TE

at_locus.04664	3	11,320,444	11,320,586	19	0	6	no	TE
at_locus.04665	3	11,322,698	11,323,219	19	0	13	yes	TE
at_locus.04666	3	11,330,037	11,332,091	33	0	36	yes	TE
at_locus.04667	3	11,332,298	11,333,323	9	0	21	yes	TE
at_locus.04668	3	11,333,528	11,335,210	19	0	31	no	TE
at_locus.04669	3	11,335,375	11,335,864	9	0	3	no	TE
at_locus.04670	3	11,336,235	11,336,595	13	1	5	no	TE
at_locus.04671	3	11,336,811	11,337,080	15	0	1	no	TE
at_locus.04672	3	11,340,302	11,340,568	2	0	6	no	TE
at_locus.04673	3	11,341,652	11,341,941	1	0	4	no	TE
at_locus.04674	3	11,342,740	11,343,087	17	0	1	no	TE
at_locus.04675	3	11,347,015	11,347,059	4	0	0	no	TE
at_locus.04676	3	11,355,342	11,355,394	0	0	3	no	TE
at_locus.04677	3	11,356,786	11,356,838	0	0	3	no	TE
at_locus.04678	3	11,365,211	11,365,387	4	0	1	yes	TE
at_locus.04679	3	11,366,776	11,367,162	2	0	2	yes	
at_locus.04680	3	11,372,419	11,372,926	30	2	10	no	TE
at_locus.04681	3	11,373,256	11,373,616	7	0	3	no	TE
at_locus.04682	3	11,375,686	11,375,793	0	0	4	no	TE
at_locus.04683	3	11,376,025	11,376,212	4	0	4	no	TE
at_locus.04684	3	11,376,429	11,377,475	13	1	9	yes	TE
at_locus.04685	3	11,379,542	11,380,090	36	2	8	yes	TE
at_locus.04686	3	11,380,299	11,380,677	12	0	3	no	TE
at_locus.04687	3	11,380,893	11,381,130	8	0	1	no	TE
at_locus.04688	3	11,381,346	11,382,036	13	0	2	no	TE
at_locus.04689	3	11,382,252	11,382,942	12	0	3	no	TE
at_locus.04690	3	11,399,512	11,399,630	17	0	0	no	TE
at_locus.04691	3	11,409,995	11,410,888	10	1	7	yes	TE
at_locus.04692	3	11,412,068	11,412,218	3	0	8	yes	TE
at_locus.04693	3	11,419,585	11,419,973	3	0	8	yes	TE
at_locus.04694	3	11,420,191	11,420,279	7	0	2	no	TE
at_locus.04695	3	11,420,652	11,420,880	2	0	5	no	TE
at_locus.04696	3	11,424,991	11,425,393	6	0	5	yes	TE
at_locus.04697	3	11,425,838	11,426,226	5	0	8	no	TE
at_locus.04698	3	11,426,456	11,426,715	9	0	4	no	TE
at_locus.04699	3	11,434,949	11,434,974	4	0	0	yes	
at_locus.04700	3	11,436,772	11,437,001	1	0	4	yes	TE

at_locus.04701	3	11,438,414	11,439,168	22	2	14	yes	
at_locus.04702	3	11,440,143	11,440,897	22	2	13	no	
at_locus.04703	3	11,448,026	11,448,355	7	0	2	no	TE
at_locus.04704	3	11,454,954	11,455,080	5	0	0	yes	
at_locus.04705	3	11,465,654	11,465,753	4	0	0	no	
at_locus.04706	3	11,473,072	11,473,949	2	0	17	yes	
at_locus.04707	3	11,474,424	11,474,557	0	0	4	yes	
at_locus.04708	3	11,474,989	11,475,394	0	0	5	yes	
at_locus.04709	3	11,481,588	11,483,483	4	0	29	yes	
at_locus.04710	3	11,491,915	11,492,194	5	0	4	no	TE
at_locus.04711	3	11,492,518	11,492,771	6	0	4	yes	TE
at_locus.04712	3	11,495,335	11,495,690	7	0	1	no	TE
at_locus.04713	3	11,498,467	11,498,799	8	0	3	no	TE
at_locus.04714	3	11,499,200	11,499,340	0	0	4	no	TE
at_locus.04715	3	11,505,627	11,506,018	39	2	0	no	TE
at_locus.04716	3	11,511,681	11,511,737	6	0	0	yes	TE
at_locus.04717	3	11,518,772	11,519,002	0	0	4	no	TE
at_locus.04718	3	11,537,185	11,537,358	4	0	0	yes	TE
at_locus.04719	3	11,538,323	11,538,408	16	0	0	no	TE
at_locus.04720	3	11,538,839	11,539,681	52	2	1	no	TE
at_locus.04721	3	11,540,123	11,540,257	25	0	0	no	TE
at_locus.04722	3	11,547,002	11,547,111	6	0	1	no	TE
at_locus.04723	3	11,547,470	11,547,776	4	0	5	no	TE
at_locus.04724	3	11,550,176	11,550,363	0	2	5	no	TE
at_locus.04725	3	11,550,669	11,550,945	1	0	4	yes	TE
at_locus.04726	3	11,554,619	11,556,236	26	4	30	no	TE
at_locus.04727	3	11,564,804	11,565,015	5	0	2	no	TE
at_locus.04728	3	11,569,624	11,570,615	9	0	6	no	TE
at_locus.04729	3	11,589,824	11,590,016	11	0	1	no	TE
at_locus.04730	3	11,591,215	11,591,331	13	0	0	no	TE
at_locus.04731	3	11,602,654	11,603,122	6	0	0	yes	
at_locus.04732	3	11,604,970	11,605,159	15	0	0	yes	TE
at_locus.04733	3	11,605,873	11,605,943	4	0	1	no	TE
at_locus.04734	3	11,609,905	11,610,077	4	0	2	no	TE
at_locus.04735	3	11,616,182	11,616,599	1	0	9	yes	
at_locus.04736	3	11,616,625	11,617,032	10	1	12	yes	
at_locus.04737	3	11,621,310	11,621,693	4	0	9	yes	TE

at_locus.04738	3	11,622,044	11,622,503	12	0	20	yes	TE
at_locus.04739	3	11,627,955	11,628,128	4	0	0	yes	
at_locus.04740	3	11,628,613	11,628,644	4	0	2	yes	
at_locus.04741	3	11,630,595	11,631,401	11	0	8	yes	
at_locus.04742	3	11,636,744	11,636,780	2	0	4	no	TE
at_locus.04743	3	11,637,238	11,637,918	4	0	16	yes	TE
at_locus.04744	3	11,638,642	11,639,006	4	0	3	yes	TE
at_locus.04745	3	11,639,272	11,639,802	6	0	12	no	TE
at_locus.04746	3	11,641,203	11,641,324	12	0	1	yes	TE
at_locus.04747	3	11,642,166	11,642,194	6	0	2	yes	TE
at_locus.04748	3	11,643,906	11,643,929	5	0	0	yes	TE
at_locus.04749	3	11,647,737	11,647,919	8	0	0	yes	
at_locus.04750	3	11,660,276	11,661,044	19	0	6	yes	TE
at_locus.04751	3	11,661,324	11,662,359	13	1	20	yes	TE
at_locus.04752	3	11,691,785	11,691,921	9	0	1	yes	TE
at_locus.04753	3	11,697,444	11,697,727	8	0	7	yes	TE
at_locus.04754	3	11,725,625	11,726,227	23	0	6	yes	TE
at_locus.04755	3	11,728,863	11,729,217	28	0	2	no	TE
at_locus.04756	3	11,729,318	11,729,565	0	0	1	no	TE
at_locus.04757	3	11,729,901	11,730,032	21	0	0	no	TE
at_locus.04758	3	11,743,813	11,744,224	6	0	14	yes	TE
at_locus.04759	3	11,744,470	11,744,781	7	0	3	yes	TE
at_locus.04760	3	11,749,326	11,749,473	5	0	0	yes	
at_locus.04761	3	11,750,271	11,750,299	0	9	0	yes	
at_locus.04762	3	11,766,301	11,766,497	4	1	6	yes	TE
at_locus.04763	3	11,766,873	11,767,633	11	0	6	yes	TE
at_locus.04764	3	11,770,758	11,771,031	1	0	4	yes	
at_locus.04765	3	11,786,351	11,786,474	0	0	4	no	TE
at_locus.04766	3	11,797,623	11,798,239	0	1	6	yes	TE
at_locus.04767	3	11,819,265	11,819,288	5	0	0	no	TE
at_locus.04768	3	11,822,581	11,822,613	0	0	6	yes	
at_locus.04769	3	11,822,845	11,823,332	2	0	5	yes	
at_locus.04770	3	11,823,649	11,824,541	12	0	15	yes	TE
at_locus.04771	3	11,830,220	11,830,243	4	0	0	no	
at_locus.04772	3	11,855,057	11,855,087	5	1	4	no	
at_locus.04773	3	11,862,485	11,862,562	0	0	4	yes	TE
at_locus.04774	3	11,862,626	11,862,671	6	0	0	no	TE

at_locus.04775	3	11,865,081	11,865,311	4	0	1	yes	TE
at_locus.04776	3	11,866,051	11,866,122	5	0	0	yes	TE
at_locus.04777	3	11,866,614	11,866,778	7	1	1	no	TE
at_locus.04778	3	11,871,614	11,871,785	4	0	2	no	TE
at_locus.04779	3	11,896,108	11,896,279	4	0	2	no	TE
at_locus.04780	3	11,897,663	11,897,715	4	0	0	yes	
at_locus.04781	3	11,902,382	11,902,790	6	0	0	yes	TE
at_locus.04782	3	11,903,424	11,903,623	4	1	0	no	TE
at_locus.04783	3	11,904,142	11,904,384	1	0	5	no	TE
at_locus.04784	3	11,907,260	11,907,414	6	0	0	no	TE
at_locus.04785	3	11,939,974	11,940,551	1	0	7	yes	TE
at_locus.04786	3	11,941,026	11,941,353	1	0	4	no	TE
at_locus.04787	3	11,942,746	11,942,767	0	0	4	no	TE
at_locus.04788	3	11,947,457	11,947,491	2	0	5	no	TE
at_locus.04789	3	11,951,213	11,951,413	4	0	0	yes	TE
at_locus.04790	3	11,962,716	11,962,744	5	0	0	no	TE
at_locus.04791	3	11,970,331	11,970,977	94	3	0	no	TE
at_locus.04792	3	11,974,688	11,974,900	4	0	2	no	
at_locus.04793	3	11,986,203	11,986,478	17	0	0	yes	TE
at_locus.04794	3	11,990,914	11,991,205	7	0	0	no	
at_locus.04795	3	11,994,638	11,994,929	7	0	0	no	
at_locus.04796	3	12,001,565	12,002,014	4	0	1	yes	TE
at_locus.04797	3	12,003,155	12,003,703	7	0	2	no	TE
at_locus.04798	3	12,008,473	12,008,768	5	0	4	no	TE
at_locus.04799	3	12,012,413	12,012,446	10	0	1	yes	
at_locus.04800	3	12,016,219	12,016,690	4	0	1	no	TE
at_locus.04801	3	12,016,986	12,017,637	13	0	5	no	TE
at_locus.04802	3	12,018,519	12,019,958	19	1	12	no	TE
at_locus.04803	3	12,020,101	12,020,599	5	1	10	yes	TE
at_locus.04804	3	12,050,521	12,051,166	10	0	15	no	TE
at_locus.04805	3	12,051,491	12,051,691	6	0	8	no	TE
at_locus.04806	3	12,052,089	12,052,601	13	1	10	no	TE
at_locus.04807	3	12,053,007	12,053,340	7	0	6	yes	TE
at_locus.04808	3	12,053,485	12,054,080	7	0	13	no	TE
at_locus.04809	3	12,055,389	12,055,471	4	0	0	no	TE
at_locus.04810	3	12,055,694	12,056,324	6	0	8	yes	TE
at_locus.04811	3	12,056,550	12,056,961	4	0	9	no	TE



at_locus.04812	3	12,058,729	12,059,122	1	0	5	no	TE
at_locus.04813	3	12,059,213	12,059,819	12	0	3	no	
at_locus.04814	3	12,062,396	12,062,725	2	0	4	no	TE
at_locus.04815	3	12,064,860	12,064,993	6	0	0	no	TE
at_locus.04816	3	12,067,866	12,067,892	0	0	4	no	
at_locus.04817	3	12,068,872	12,068,944	2	0	6	no	TE
at_locus.04818	3	12,071,402	12,071,554	4	0	0	no	TE
at_locus.04819	3	12,073,690	12,074,160	2	0	8	yes	TE
at_locus.04820	3	12,074,440	12,074,558	0	0	7	yes	TE
at_locus.04821	3	12,074,761	12,075,230	6	0	6	yes	TE
at_locus.04822	3	12,075,709	12,076,230	5	0	0	yes	TE
at_locus.04823	3	12,077,084	12,077,393	0	0	5	yes	
at_locus.04824	3	12,079,926	12,080,714	14	0	23	no	TE
at_locus.04825	3	12,081,261	12,081,389	5	0	4	no	TE
at_locus.04826	3	12,081,888	12,082,514	6	0	2	no	TE
at_locus.04827	3	12,083,396	12,083,856	8	1	5	no	TE
at_locus.04828	3	12,084,119	12,084,334	6	0	1	no	TE
at_locus.04829	3	12,084,980	12,085,288	9	0	1	no	TE
at_locus.04830	3	12,087,327	12,088,176	10	0	9	no	TE
at_locus.04831	3	12,088,795	12,089,176	5	0	1	no	TE
at_locus.04832	3	12,089,596	12,089,632	1	0	5	no	TE
at_locus.04833	3	12,093,466	12,094,015	8	0	4	no	TE
at_locus.04834	3	12,094,228	12,094,967	30	0	27	yes	TE
at_locus.04835	3	12,101,406	12,101,521	4	0	0	yes	
at_locus.04836	3	12,108,932	12,108,985	2	0	4	no	TE
at_locus.04837	3	12,110,971	12,111,235	0	0	3	yes	TE
at_locus.04838	3	12,115,524	12,115,741	1	0	5	no	TE
at_locus.04839	3	12,116,094	12,116,533	6	0	6	no	TE
at_locus.04840	3	12,123,190	12,123,749	7	0	9	no	TE
at_locus.04841	3	12,124,869	12,124,949	4	0	0	yes	
at_locus.04842	3	12,131,027	12,131,315	4	0	3	no	TE
at_locus.04843	3	12,131,817	12,132,244	9	1	3	no	TE
at_locus.04844	3	12,136,474	12,136,984	21	0	17	yes	
at_locus.04845	3	12,137,354	12,137,665	6	1	3	yes	
at_locus.04846	3	12,138,267	12,138,389	5	0	8	yes	TE
at_locus.04847	3	12,138,592	12,139,124	8	0	1	no	TE
at_locus.04848	3	12,139,286	12,139,457	4	0	10	yes	TE

at_locus.04849	3	12,174,143	12,174,473	5	0	0	no	TE
at_locus.04850	3	12,180,703	12,180,726	1	0	4	no	TE
at_locus.04851	3	12,180,928	12,181,627	4	0	10	yes	TE
at_locus.04852	3	12,190,377	12,190,579	2	0	7	no	TE
at_locus.04853	3	12,191,023	12,191,335	2	0	6	no	TE
at_locus.04854	3	12,191,589	12,191,812	4	0	6	no	TE
at_locus.04855	3	12,192,783	12,193,289	4	0	6	yes	TE
at_locus.04856	3	12,194,981	12,195,212	0	0	4	no	TE
at_locus.04857	3	12,205,282	12,205,776	15	0	4	no	TE
at_locus.04858	3	12,206,124	12,206,560	1	0	8	no	TE
at_locus.04859	3	12,208,653	12,209,156	4	0	6	no	TE
at_locus.04860	3	12,213,098	12,213,911	12	0	8	no	TE
at_locus.04861	3	12,214,131	12,216,555	38	5	62	no	TE
at_locus.04862	3	12,216,744	12,217,343	12	0	14	no	TE
at_locus.04863	3	12,217,555	12,218,976	36	0	31	no	TE
at_locus.04864	3	12,219,440	12,219,735	6	0	6	no	TE
at_locus.04865	3	12,220,509	12,220,886	5	0	7	no	TE
at_locus.04866	3	12,221,259	12,221,456	7	0	4	no	TE
at_locus.04867	3	12,221,499	12,221,732	0	0	4	no	TE
at_locus.04868	3	12,221,998	12,222,200	6	0	2	no	TE
at_locus.04869	3	12,222,875	12,223,086	0	0	4	no	TE
at_locus.04870	3	12,223,629	12,223,966	4	0	3	no	TE
at_locus.04871	3	12,224,079	12,224,638	9	0	7	no	TE
at_locus.04872	3	12,224,843	12,224,880	4	0	1	no	TE
at_locus.04873	3	12,225,246	12,225,924	8	0	18	no	TE
at_locus.04874	3	12,226,129	12,228,610	28	4	50	no	TE
at_locus.04875	3	12,229,250	12,229,990	2	0	6	no	TE
at_locus.04876	3	12,231,262	12,231,473	4	0	1	no	TE
at_locus.04877	3	12,231,763	12,232,209	5	0	2	no	TE
at_locus.04878	3	12,233,281	12,233,828	7	0	3	no	TE
at_locus.04879	3	12,234,491	12,235,195	2	0	5	no	TE
at_locus.04880	3	12,235,581	12,236,122	17	0	6	yes	TE
at_locus.04881	3	12,239,076	12,239,289	12	0	6	no	
at_locus.04882	3	12,241,718	12,242,193	13	0	4	yes	
at_locus.04883	3	12,242,438	12,242,663	6	0	1	yes	
at_locus.04884	3	12,244,581	12,244,990	22	0	18	yes	
at_locus.04885	3	12,245,224	12,247,933	66	1	63	yes	TE

at_locus.04886	3	12,247,957	12,248,563	16	1	9	no	TE
at_locus.04887	3	12,248,979	12,251,653	90	5	88	no	TE
at_locus.04888	3	12,251,841	12,251,981	0	0	4	no	TE
at_locus.04889	3	12,252,564	12,252,742	11	0	5	yes	TE
at_locus.04890	3	12,253,108	12,253,188	6	0	3	no	TE
at_locus.04891	3	12,253,891	12,254,273	13	0	4	yes	TE
at_locus.04892	3	12,254,549	12,255,708	13	1	24	no	TE
at_locus.04893	3	12,255,985	12,257,415	32	0	44	no	TE
at_locus.04894	3	12,259,035	12,262,079	82	3	59	yes	TE
at_locus.04895	3	12,266,528	12,266,832	4	0	0	yes	
at_locus.04896	3	12,267,454	12,268,413	31	2	44	yes	TE
at_locus.04897	3	12,269,477	12,269,820	4	0	5	yes	TE
at_locus.04898	3	12,270,780	12,271,237	8	0	7	yes	TE
at_locus.04899	3	12,271,957	12,272,173	5	0	0	yes	
at_locus.04900	3	12,280,580	12,280,718	1	0	4	no	
at_locus.04901	3	12,303,498	12,303,606	5	0	0	no	
at_locus.04902	3	12,304,963	12,306,010	9	0	16	no	TE
at_locus.04903	3	12,308,051	12,308,387	3	0	4	no	TE
at_locus.04904	3	12,309,619	12,309,713	1	0	9	no	TE
at_locus.04905	3	12,315,404	12,316,619	25	1	22	no	TE
at_locus.04906	3	12,316,913	12,317,102	3	0	5	no	TE
at_locus.04907	3	12,319,060	12,319,341	2	0	4	no	TE
at_locus.04908	3	12,324,277	12,324,392	4	0	1	no	TE
at_locus.04909	3	12,324,833	12,324,943	4	0	3	no	TE
at_locus.04910	3	12,325,387	12,325,783	6	1	3	no	TE
at_locus.04911	3	12,330,271	12,330,625	8	0	11	no	TE
at_locus.04912	3	12,345,188	12,345,719	9	0	12	no	TE
at_locus.04913	3	12,355,634	12,355,874	16	1	0	yes	TE
at_locus.04914	3	12,361,231	12,361,988	40	0	1	yes	TE
at_locus.04915	3	12,375,873	12,376,159	1	0	5	no	TE
at_locus.04916	3	12,386,325	12,386,503	10	0	0	no	TE
at_locus.04917	3	12,404,036	12,404,235	5	0	7	no	TE
at_locus.04918	3	12,404,874	12,405,335	4	0	7	no	TE
at_locus.04919	3	12,405,563	12,405,965	1	0	4	no	TE
at_locus.04920	3	12,406,637	12,406,842	5	0	3	no	TE
at_locus.04921	3	12,407,153	12,407,781	5	0	11	no	TE
at_locus.04922	3	12,408,627	12,408,839	5	0	2	no	TE

at_locus.04923	3	12,412,661	12,412,930	4	0	0	yes	TE
at_locus.04924	3	12,413,648	12,414,195	4	0	6	yes	TE
at_locus.04925	3	12,414,480	12,415,299	6	0	15	no	TE
at_locus.04926	3	12,415,740	12,415,833	8	0	5	no	TE
at_locus.04927	3	12,416,247	12,416,848	8	0	4	no	TE
at_locus.04928	3	12,435,351	12,435,545	6	0	2	no	TE
at_locus.04929	3	12,438,878	12,438,994	4	0	2	no	TE
at_locus.04930	3	12,441,542	12,442,202	8	0	2	no	TE
at_locus.04931	3	12,443,369	12,443,580	5	0	2	no	TE
at_locus.04932	3	12,457,556	12,457,798	7	0	0	yes	TE
at_locus.04933	3	12,458,443	12,458,558	5	0	0	no	TE
at_locus.04934	3	12,468,685	12,469,238	12	0	3	yes	TE
at_locus.04935	3	12,469,473	12,469,658	8	0	3	no	TE
at_locus.04936	3	12,473,747	12,473,938	4	0	6	no	TE
at_locus.04937	3	12,476,134	12,476,149	0	0	4	no	TE
at_locus.04938	3	12,480,710	12,486,937	119	3	166	yes	TE
at_locus.04939	3	12,487,158	12,487,843	9	0	8	no	TE
at_locus.04940	3	12,488,035	12,488,849	63	3	16	yes	TE
at_locus.04941	3	12,504,390	12,504,701	4	0	1	yes	TE
at_locus.04942	3	12,514,234	12,515,465	13	0	18	no	TE
at_locus.04943	3	12,515,942	12,516,396	6	0	4	yes	TE
at_locus.04944	3	12,516,406	12,516,421	0	0	4	no	TE
at_locus.04945	3	12,518,841	12,519,111	2	0	4	yes	TE
at_locus.04946	3	12,519,866	12,520,025	6	0	10	no	TE
at_locus.04947	3	12,524,094	12,524,519	1	0	4	no	TE
at_locus.04948	3	12,532,614	12,532,719	0	0	7	yes	
at_locus.04949	3	12,534,805	12,535,101	5	0	6	no	TE
at_locus.04950	3	12,535,179	12,536,990	13	1	22	yes	TE
at_locus.04951	3	12,537,131	12,537,301	6	0	0	yes	TE
at_locus.04952	3	12,538,259	12,538,989	9	0	11	no	TE
at_locus.04953	3	12,539,200	12,539,791	10	0	11	yes	TE
at_locus.04954	3	12,540,004	12,542,055	30	4	30	yes	TE
at_locus.04955	3	12,542,262	12,542,299	8	0	5	no	TE
at_locus.04956	3	12,552,246	12,552,784	5	0	2	no	TE
at_locus.04957	3	12,557,900	12,558,295	4	0	3	no	TE
at_locus.04958	3	12,560,390	12,560,405	0	0	4	no	TE
at_locus.04959	3	12,573,136	12,573,190	2	0	0	no	

at_locus.04960	3	12,574,660	12,574,703	8	0	0	yes	TE
at_locus.04961	3	12,583,619	12,585,303	27	4	32	yes	TE
at_locus.04962	3	12,605,297	12,605,671	7	0	1	yes	
at_locus.04963	3	12,607,076	12,608,403	3	0	14	yes	TE
at_locus.04964	3	12,611,263	12,611,287	7	0	0	no	
at_locus.04965	3	12,612,410	12,613,168	13	0	28	yes	TE
at_locus.04966	3	12,615,918	12,617,337	68	3	19	no	TE
at_locus.04967	3	12,617,558	12,621,974	76	1	150	yes	TE
at_locus.04968	3	12,622,148	12,623,357	65	2	19	no	TE
at_locus.04969	3	12,634,766	12,634,939	8	0	8	yes	
at_locus.04970	3	12,636,735	12,637,667	2	0	13	yes	TE
at_locus.04971	3	12,641,554	12,641,716	0	0	4	yes	TE
at_locus.04972	3	12,641,939	12,642,113	5	0	0	yes	TE
at_locus.04973	3	12,642,559	12,643,737	17	1	18	yes	TE
at_locus.04974	3	12,662,376	12,663,494	34	0	5	no	TE
at_locus.04975	3	12,663,911	12,664,043	4	0	1	no	TE
at_locus.04976	3	12,664,309	12,664,383	25	0	2	no	TE
at_locus.04977	3	12,671,889	12,672,309	3	0	5	yes	TE
at_locus.04978	3	12,672,958	12,673,188	8	1	0	yes	TE
at_locus.04979	3	12,674,545	12,674,690	4	0	1	yes	TE
at_locus.04980	3	12,677,706	12,677,877	4	0	3	no	TE
at_locus.04981	3	12,708,255	12,708,531	4	0	5	no	TE
at_locus.04982	3	12,708,750	12,709,177	0	0	5	yes	TE
at_locus.04983	3	12,709,458	12,709,984	1	0	5	no	TE
at_locus.04984	3	12,711,105	12,711,767	4	0	4	yes	TE
at_locus.04985	3	12,713,239	12,713,775	8	0	0	yes	TE
at_locus.04986	3	12,714,109	12,714,397	4	0	6	no	TE
at_locus.04987	3	12,714,777	12,715,113	5	0	5	no	TE
at_locus.04988	3	12,719,214	12,719,633	4	0	6	no	TE
at_locus.04989	3	12,719,852	12,720,305	3	0	11	no	TE
at_locus.04990	3	12,724,974	12,725,416	4	0	8	no	TE
at_locus.04991	3	12,725,647	12,726,195	6	0	7	no	TE
at_locus.04992	3	12,727,471	12,727,681	4	0	1	no	TE
at_locus.04993	3	12,737,389	12,737,837	14	2	3	no	TE
at_locus.04994	3	12,739,122	12,740,238	16	0	22	yes	TE
at_locus.04995	3	12,750,159	12,750,370	4	0	2	no	TE
at_locus.04996	3	12,761,726	12,762,057	7	0	3	no	TE

at_locus.04997	3	12,762,811	12,763,387	6	0	6	no	TE
at_locus.04998	3	12,770,466	12,770,699	3	0	4	no	TE
at_locus.04999	3	12,781,345	12,781,373	6	0	0	no	TE
at_locus.05000	3	12,795,470	12,795,888	4	0	5	no	TE
at_locus.05001	3	12,816,038	12,816,066	6	0	0	no	TE
at_locus.05002	3	12,827,891	12,828,076	1	0	7	no	TE
at_locus.05003	3	12,828,408	12,828,721	5	0	3	no	TE
at_locus.05004	3	12,842,368	12,842,707	1	0	4	no	TE
at_locus.05005	3	12,856,551	12,857,099	23	2	8	no	TE
at_locus.05006	3	12,857,324	12,858,110	16	1	31	yes	TE
at_locus.05007	3	12,858,296	12,859,500	8	0	28	no	TE
at_locus.05008	3	12,859,709	12,860,839	10	0	31	no	TE
at_locus.05009	3	12,861,182	12,862,476	29	0	35	no	TE
at_locus.05010	3	12,862,745	12,864,187	35	3	12	no	TE
at_locus.05011	3	12,942,164	12,942,387	2	0	6	no	TE
at_locus.05012	3	12,950,964	12,951,317	6	1	2	no	TE
at_locus.05013	3	12,962,981	12,963,492	24	0	8	no	TE
at_locus.05014	3	12,963,838	12,964,499	10	1	7	yes	TE
at_locus.05015	3	12,964,720	12,967,265	38	0	74	yes	TE
at_locus.05016	3	12,967,487	12,969,354	29	1	69	no	TE
at_locus.05017	3	12,969,586	12,969,618	1	0	6	no	TE
at_locus.05018	3	12,969,865	12,970,468	65	3	13	no	TE
at_locus.05019	3	12,970,752	12,970,884	6	0	0	no	TE
at_locus.05020	3	12,985,168	12,986,545	19	1	20	yes	TE
at_locus.05021	3	12,986,761	12,987,099	3	0	5	no	TE
at_locus.05022	3	12,987,391	12,988,112	16	1	20	no	TE
at_locus.05023	3	12,988,443	12,988,731	8	0	1	no	TE
at_locus.05024	3	12,989,123	12,989,211	0	0	4	no	TE
at_locus.05025	3	12,989,374	12,989,652	6	0	6	no	TE
at_locus.05026	3	12,990,818	12,992,908	36	4	43	yes	TE
at_locus.05027	3	12,993,168	12,993,713	9	0	9	no	TE
at_locus.05028	3	12,993,940	12,994,332	11	0	10	no	TE
at_locus.05029	3	12,994,410	12,995,984	24	1	23	no	TE
at_locus.05030	3	13,050,424	13,050,779	11	0	3	yes	
at_locus.05031	3	13,118,869	13,119,137	9	0	2	no	TE
at_locus.05032	3	13,127,734	13,127,997	6	0	0	no	TE
at_locus.05033	3	13,129,092	13,129,303	6	0	0	no	TE

at_locus.05034	3	13,130,829	13,130,998	0	0	7	yes	TE
at_locus.05035	3	13,132,463	13,132,653	8	0	1	no	TE
at_locus.05036	3	13,141,602	13,141,735	2	0	0	no	
at_locus.05037	3	13,156,159	13,156,512	3	2	6	yes	
at_locus.05038	3	13,171,909	13,172,929	61	3	15	no	TE
at_locus.05039	3	13,176,972	13,177,090	4	0	2	no	TE
at_locus.05040	3	13,177,557	13,177,664	5	0	0	no	TE
at_locus.05041	3	13,177,989	13,178,022	5	0	3	no	TE
at_locus.05042	3	13,189,644	13,189,847	5	0	0	no	TE
at_locus.05043	3	13,190,102	13,190,695	18	0	4	no	TE
at_locus.05044	3	13,191,161	13,191,548	4	0	4	no	TE
at_locus.05045	3	13,192,007	13,192,426	0	0	4	no	TE
at_locus.05046	3	13,192,608	13,192,902	4	0	1	no	TE
at_locus.05047	3	13,195,796	13,196,084	5	0	4	no	TE
at_locus.05048	3	13,196,691	13,197,392	22	0	7	no	TE
at_locus.05049	3	13,198,883	13,199,834	7	0	11	no	TE
at_locus.05050	3	13,249,309	13,249,566	8	0	3	no	TE
at_locus.05051	3	13,264,234	13,264,616	1	0	6	no	TE
at_locus.05052	3	13,264,759	13,265,457	12	0	5	no	TE
at_locus.05053	3	13,319,106	13,319,215	4	0	0	no	
at_locus.05054	3	13,331,147	13,331,618	29	1	0	no	TE
at_locus.05055	3	13,331,858	13,332,293	15	1	0	no	TE
at_locus.05056	3	13,337,346	13,338,125	10	0	6	no	TE
at_locus.05057	3	13,341,808	13,342,240	7	0	0	no	TE
at_locus.05058	3	13,346,004	13,346,684	10	2	4	no	TE
at_locus.05059	3	13,347,749	13,348,483	4	0	18	no	TE
at_locus.05060	3	13,348,542	13,349,223	10	0	5	no	TE
at_locus.05061	3	13,351,350	13,352,003	10	0	8	no	TE
at_locus.05062	3	13,352,357	13,352,765	0	1	6	no	TE
at_locus.05063	3	13,352,971	13,353,801	2	0	11	no	TE
at_locus.05064	3	13,355,170	13,355,795	5	0	7	no	TE
at_locus.05065	3	13,355,940	13,356,088	4	0	3	no	TE
at_locus.05066	3	13,356,363	13,356,494	5	0	3	no	TE
at_locus.05067	3	13,356,759	13,356,881	4	0	2	no	TE
at_locus.05068	3	13,357,590	13,357,980	4	0	4	no	TE
at_locus.05069	3	13,358,043	13,358,249	0	0	6	no	TE
at_locus.05070	3	13,358,648	13,358,980	9	0	9	no	TE

at_locus.05071	3	13,359,169	13,359,621	1	0	13	no	TE
at_locus.05072	3	13,359,776	13,360,179	29	1	1	no	TE
at_locus.05073	3	13,372,981	13,373,191	34	0	0	no	TE
at_locus.05074	3	13,373,539	13,374,080	4	0	8	no	TE
at_locus.05075	3	13,375,126	13,375,278	4	0	0	no	TE
at_locus.05076	3	13,377,331	13,377,684	44	0	1	no	TE
at_locus.05077	3	13,382,477	13,383,480	10	3	18	no	TE
at_locus.05078	3	13,401,954	13,402,431	7	0	2	no	TE
at_locus.05079	3	13,404,601	13,404,624	5	0	0	no	TE
at_locus.05080	3	13,405,029	13,405,430	2	0	5	no	TE
at_locus.05081	3	13,406,591	13,406,615	4	0	0	no	TE
at_locus.05082	3	13,406,915	13,410,402	65	4	91	yes	TE
at_locus.05083	3	13,411,568	13,411,961	6	0	4	no	TE
at_locus.05084	3	13,412,024	13,412,112	0	0	4	no	TE
at_locus.05085	3	13,412,460	13,412,996	13	0	7	no	TE
at_locus.05086	3	13,413,345	13,413,505	0	0	5	no	TE
at_locus.05087	3	13,413,529	13,415,661	28	1	37	yes	TE
at_locus.05088	3	13,416,496	13,416,774	0	0	5	no	TE
at_locus.05089	3	13,418,426	13,418,803	6	0	1	yes	TE
at_locus.05090	3	13,420,561	13,420,972	2	0	6	no	TE
at_locus.05091	3	13,425,588	13,425,709	4	0	0	yes	TE
at_locus.05092	3	13,425,917	13,426,177	5	0	5	no	TE
at_locus.05093	3	13,430,710	13,430,824	4	0	0	no	TE
at_locus.05094	3	13,466,087	13,466,110	5	0	0	no	TE
at_locus.05095	3	13,477,769	13,477,999	3	0	3	no	TE
at_locus.05096	3	13,478,536	13,479,090	5	0	4	yes	TE
at_locus.05097	3	13,479,437	13,479,950	6	0	1	no	TE
at_locus.05098	3	13,480,457	13,480,755	2	0	10	no	TE
at_locus.05099	3	13,480,925	13,481,532	9	0	17	yes	TE
at_locus.05100	3	13,481,772	13,483,241	14	0	32	yes	TE
at_locus.05101	3	13,483,456	13,483,831	45	2	8	no	TE
at_locus.05102	3	13,484,769	13,485,090	2	0	6	yes	
at_locus.05103	3	13,519,652	13,520,591	15	4	18	no	TE
at_locus.05104	3	13,520,860	13,521,030	0	0	5	no	TE
at_locus.05105	3	13,521,295	13,521,488	11	0	8	no	TE
at_locus.05106	3	13,521,960	13,523,611	31	1	43	no	TE
at_locus.05107	3	13,525,378	13,525,650	11	0	7	no	TE



at_locus.05108	3	13,526,175	13,526,421	7	0	2	no	TE
at_locus.05109	3	13,536,523	13,536,633	29	3	2	no	
at_locus.05110	3	13,540,293	13,540,344	10	8	4	no	
at_locus.05111	3	13,541,558	13,541,612	0	13	1	no	
at_locus.05112	3	13,548,522	13,548,916	0	0	6	yes	TE
at_locus.05113	3	13,553,436	13,553,870	5	0	2	no	TE
at_locus.05114	3	13,575,251	13,575,284	5	0	0	no	TE
at_locus.05115	3	13,590,062	13,590,122	8	0	2	no	TE
at_locus.05116	3	13,590,352	13,591,495	40	3	81	yes	TE
at_locus.05117	3	13,592,504	13,600,058	170	147	233	yes	TE
at_locus.05118	3	13,600,260	13,605,228	108	124	138	yes	TE
at_locus.05119	3	13,605,257	13,606,489	13	1	22	no	TE
at_locus.05120	3	13,607,900	13,607,930	2	0	4	no	TE
at_locus.05121	3	13,608,477	13,609,275	13	0	12	no	TE
at_locus.05122	3	13,609,483	13,610,701	16	0	26	yes	TE
at_locus.05123	3	13,610,893	13,613,026	35	4	52	yes	TE
at_locus.05124	3	13,616,627	13,616,847	11	0	7	yes	TE
at_locus.05125	3	13,617,289	13,617,505	7	0	8	no	TE
at_locus.05126	3	13,618,321	13,618,822	2	0	6	yes	TE
at_locus.05127	3	13,621,822	13,622,195	4	0	0	no	TE
at_locus.05128	3	13,622,714	13,624,036	10	1	19	no	TE
at_locus.05129	3	13,624,280	13,624,778	4	0	12	yes	TE
at_locus.05130	3	13,624,902	13,625,526	15	0	11	yes	TE
at_locus.05131	3	13,625,829	13,626,390	8	0	9	no	TE
at_locus.05132	3	13,626,781	13,627,083	5	0	0	no	TE
at_locus.05133	3	13,627,271	13,628,144	16	0	23	no	TE
at_locus.05134	3	13,630,733	13,630,823	1	0	4	no	TE
at_locus.05135	3	13,632,046	13,633,106	21	0	14	yes	TE
at_locus.05136	3	13,633,378	13,633,847	11	0	12	no	TE
at_locus.05137	3	13,634,112	13,634,381	0	0	5	no	TE
at_locus.05138	3	13,634,634	13,635,307	10	0	10	yes	TE
at_locus.05139	3	13,635,573	13,637,151	22	0	27	yes	TE
at_locus.05140	3	13,637,440	13,637,465	6	0	1	yes	TE
at_locus.05141	3	13,638,020	13,638,286	5	0	0	yes	TE
at_locus.05142	3	13,638,622	13,638,873	4	0	7	no	TE
at_locus.05143	3	13,639,505	13,639,836	5	0	5	no	TE
at_locus.05144	3	13,640,196	13,640,225	0	0	4	no	TE

at_locus.05145	3	13,640,402	13,640,726	6	1	1	no	TE
at_locus.05146	3	13,642,066	13,643,180	16	4	18	no	TE
at_locus.05147	3	13,643,423	13,643,562	4	0	2	no	TE
at_locus.05148	3	13,644,564	13,645,349	8	2	11	no	TE
at_locus.05149	3	13,645,556	13,646,003	6	0	8	no	TE
at_locus.05150	3	13,646,600	13,647,140	10	0	10	no	TE
at_locus.05151	3	13,647,359	13,649,485	44	0	51	yes	TE
at_locus.05152	3	13,651,319	13,651,823	11	0	19	no	TE
at_locus.05153	3	13,652,142	13,652,766	12	0	9	yes	TE
at_locus.05154	3	13,653,346	13,655,979	47	0	41	yes	TE
at_locus.05155	3	13,656,206	13,656,397	14	0	15	no	TE
at_locus.05156	3	13,656,606	13,656,874	5	0	6	no	TE
at_locus.05157	3	13,657,143	13,657,241	3	0	6	no	TE
at_locus.05158	3	13,657,543	13,659,951	34	2	33	yes	TE
at_locus.05159	3	13,660,291	13,660,889	8	2	11	no	TE
at_locus.05160	3	13,661,319	13,662,268	11	1	10	yes	TE
at_locus.05161	3	13,662,554	13,663,456	19	0	26	yes	TE
at_locus.05162	3	13,665,756	13,666,253	1	0	5	yes	TE
at_locus.05163	3	13,666,591	13,667,465	16	0	22	no	TE
at_locus.05164	3	13,672,976	13,673,348	0	0	2	no	TE
at_locus.05165	3	13,674,097	13,674,900	3	1	9	no	TE
at_locus.05166	3	13,676,604	13,676,990	1	0	4	yes	TE
at_locus.05167	3	13,677,481	13,678,442	52	23	36	yes	TE
at_locus.05168	3	13,684,255	13,684,656	11	0	11	no	TE
at_locus.05169	3	13,684,924	13,685,073	12	0	10	no	TE
at_locus.05170	3	13,685,541	13,687,532	108	67	57	no	
at_locus.05171	3	13,687,770	13,690,204	115	82	65	no	
at_locus.05172	3	13,690,431	13,695,157	103	71	56	no	
at_locus.05173	3	13,695,351	13,700,562	101	72	60	no	
at_locus.05174	3	13,700,739	13,719,441	177	150	151	yes	
at_locus.05175	3	13,719,663	13,739,495	157	137	125	no	
at_locus.05176	3	13,739,795	13,741,786	108	67	57	no	
at_locus.05177	3	13,742,254	13,742,403	12	0	10	no	TE
at_locus.05178	3	13,742,671	13,743,072	11	0	11	no	TE
at_locus.05179	3	13,748,187	13,748,709	0	11	0	yes	
at_locus.05180	3	13,748,902	13,754,046	133	132	102	no	
at_locus.05181	3	13,760,577	13,765,123	156	149	151	no	

at_locus.05182	3	13,765,193	13,767,895	86	91	96	no	
at_locus.05183	3	13,768,133	13,788,798	149	135	126	no	
at_locus.05184	3	13,788,949	13,808,724	162	151	162	yes	
at_locus.05185	3	13,808,794	13,810,316	77	74	84	no	
at_locus.05186	3	13,811,512	13,812,254	33	22	38	no	TE
at_locus.05187	3	13,812,610	13,813,433	8	0	4	no	TE
at_locus.05188	3	13,813,697	13,814,036	3	0	5	no	TE
at_locus.05189	3	13,814,310	13,814,521	0	0	5	no	TE
at_locus.05190	3	13,818,996	13,819,772	6	0	7	no	TE
at_locus.05191	3	13,820,186	13,821,853	118	111	126	yes	TE
at_locus.05192	3	13,822,081	13,823,759	61	50	58	yes	
at_locus.05193	3	13,823,978	13,827,412	130	122	115	yes	
at_locus.05194	3	13,827,993	13,828,249	4	0	2	no	TE
at_locus.05195	3	13,832,321	13,832,606	4	0	3	no	TE
at_locus.05196	3	13,833,756	13,834,609	22	1	11	no	TE
at_locus.05197	3	13,839,528	13,839,739	0	0	5	no	TE
at_locus.05198	3	13,840,860	13,841,475	7	0	8	yes	TE
at_locus.05199	3	13,844,321	13,844,825	12	0	4	no	TE
at_locus.05200	3	13,845,217	13,845,611	2	0	7	no	TE
at_locus.05201	3	13,845,821	13,852,012	171	148	154	yes	TE
at_locus.05202	3	13,854,380	13,857,940	100	121	110	no	
at_locus.05203	3	13,858,035	13,859,305	85	86	99	no	
at_locus.05204	3	13,859,578	13,881,680	162	142	157	no	
at_locus.05205	3	13,913,149	13,914,822	23	1	28	yes	TE
at_locus.05206	3	13,915,182	13,916,271	20	1	11	no	TE
at_locus.05207	3	13,916,707	13,916,815	5	0	0	no	TE
at_locus.05208	3	13,917,187	13,917,576	3	0	4	no	TE
at_locus.05209	3	13,918,759	13,918,975	8	0	2	yes	TE
at_locus.05210	3	13,919,408	13,919,789	9	0	10	no	TE
at_locus.05211	3	13,920,185	13,920,374	0	0	4	yes	TE
at_locus.05212	3	13,921,303	13,921,577	5	0	9	yes	TE
at_locus.05213	3	13,921,907	13,922,072	7	0	4	no	TE
at_locus.05214	3	13,922,637	13,923,327	8	0	12	no	TE
at_locus.05215	3	13,923,586	13,923,895	9	0	10	no	TE
at_locus.05216	3	13,924,325	13,926,586	35	0	35	no	TE
at_locus.05217	3	13,937,352	13,938,285	8	0	10	yes	TE
at_locus.05218	3	13,946,804	13,946,874	5	0	0	yes	TE

at_locus.05219	3	13,951,623	13,951,702	0	0	5	no	TE
at_locus.05220	3	13,957,976	13,957,998	0	0	4	no	TE
at_locus.05221	3	13,977,661	13,977,907	4	0	7	yes	TE
at_locus.05222	3	13,978,242	13,978,565	5	0	6	no	TE
at_locus.05223	3	13,983,013	13,983,281	1	0	7	no	TE
at_locus.05224	3	13,983,489	13,983,550	4	0	6	no	TE
at_locus.05225	3	13,984,116	13,984,648	5	0	6	no	TE
at_locus.05226	3	13,996,859	13,997,334	4	0	1	no	TE
at_locus.05227	3	13,998,128	13,998,545	4	0	1	yes	TE
at_locus.05228	3	13,999,415	13,999,481	0	0	4	no	
at_locus.05229	3	14,001,960	14,002,071	0	0	6	no	
at_locus.05230	3	14,004,393	14,004,433	3	0	4	no	TE
at_locus.05231	3	14,004,680	14,005,520	19	0	8	no	TE
at_locus.05232	3	14,005,869	14,006,400	7	1	7	no	TE
at_locus.05233	3	14,006,706	14,007,150	9	0	4	no	TE
at_locus.05234	3	14,007,363	14,008,177	11	0	23	yes	TE
at_locus.05235	3	14,011,264	14,011,970	15	0	7	no	TE
at_locus.05236	3	14,012,260	14,012,392	6	0	4	no	TE
at_locus.05237	3	14,012,488	14,012,777	5	0	4	no	TE
at_locus.05238	3	14,016,006	14,016,215	0	0	4	yes	TE
at_locus.05239	3	14,016,768	14,016,910	8	0	0	no	TE
at_locus.05240	3	14,017,216	14,017,269	0	0	4	no	TE
at_locus.05241	3	14,019,577	14,019,776	5	0	0	yes	
at_locus.05242	3	14,026,287	14,026,398	4	0	2	no	TE
at_locus.05243	3	14,030,097	14,030,352	5	0	2	no	TE
at_locus.05244	3	14,030,425	14,030,768	5	0	4	no	TE
at_locus.05245	3	14,033,845	14,034,216	11	0	1	no	TE
at_locus.05246	3	14,038,091	14,038,349	1	0	5	no	TE
at_locus.05247	3	14,038,717	14,040,066	12	1	17	no	TE
at_locus.05248	3	14,052,378	14,052,960	6	0	2	no	TE
at_locus.05249	3	14,053,195	14,053,731	16	1	3	no	TE
at_locus.05250	3	14,063,323	14,063,497	1	0	7	yes	TE
at_locus.05251	3	14,063,942	14,063,976	4	1	1	yes	TE
at_locus.05252	3	14,065,619	14,065,865	0	0	4	no	TE
at_locus.05253	3	14,066,297	14,066,760	4	0	10	yes	TE
at_locus.05254	3	14,067,569	14,067,936	1	0	7	yes	TE
at_locus.05255	3	14,068,157	14,068,575	49	0	0	no	TE

at_locus.05256	3	14,068,762	14,069,179	2	0	12	yes	TE
at_locus.05257	3	14,075,654	14,075,792	4	0	1	no	TE
at_locus.05258	3	14,077,346	14,077,465	2	0	5	no	TE
at_locus.05259	3	14,084,224	14,084,709	14	0	7	no	TE
at_locus.05260	3	14,088,087	14,088,367	3	0	4	no	TE
at_locus.05261	3	14,090,625	14,090,787	0	0	5	no	TE
at_locus.05262	3	14,091,394	14,091,897	9	0	10	no	TE
at_locus.05263	3	14,095,491	14,095,534	11	0	1	yes	TE
at_locus.05264	3	14,107,051	14,107,249	7	0	0	no	TE
at_locus.05265	3	14,109,470	14,111,341	41	0	37	no	TE
at_locus.05266	3	14,126,328	14,126,673	7	0	4	no	TE
at_locus.05267	3	14,129,793	14,130,373	8	0	3	no	TE
at_locus.05268	3	14,136,890	14,136,913	6	0	0	yes	TE
at_locus.05269	3	14,138,401	14,138,483	12	0	0	no	TE
at_locus.05270	3	14,139,821	14,142,632	36	1	46	no	TE
at_locus.05271	3	14,142,790	14,142,926	12	0	4	no	TE
at_locus.05272	3	14,149,305	14,149,427	5	0	1	no	TE
at_locus.05273	3	14,151,895	14,152,475	8	0	3	no	TE
at_locus.05274	3	14,153,990	14,154,072	12	0	0	no	TE
at_locus.05275	3	14,155,410	14,158,221	36	1	46	no	TE
at_locus.05276	3	14,158,379	14,159,240	18	0	8	no	TE
at_locus.05277	3	14,160,963	14,161,068	7	0	2	no	TE
at_locus.05278	3	14,161,546	14,161,882	6	0	5	no	TE
at_locus.05279	3	14,163,304	14,163,586	2	0	8	yes	TE
at_locus.05280	3	14,163,919	14,164,592	6	0	11	yes	TE
at_locus.05281	3	14,164,879	14,165,301	5	0	9	no	TE
at_locus.05282	3	14,165,512	14,165,891	12	0	13	no	TE
at_locus.05283	3	14,166,322	14,166,929	2	1	5	no	TE
at_locus.05284	3	14,167,244	14,168,442	15	1	27	no	TE
at_locus.05285	3	14,177,280	14,177,586	4	0	3	yes	TE
at_locus.05286	3	14,183,236	14,184,529	126	132	127	no	
at_locus.05287	3	14,184,873	14,190,201	148	143	146	no	
at_locus.05288	3	14,190,444	14,194,157	152	144	147	no	
at_locus.05289	3	14,194,400	14,217,308	6238	18051	7211	yes	
at_locus.05290	3	14,217,524	14,219,913	103	88	90	yes	
at_locus.05291	3	14,220,940	14,222,785	134	135	128	no	
at_locus.05292	3	14,223,011	14,224,308	144	132	139	no	

at_locus.05293	3	14,224,534	14,236,380	180	153	166	yes	
at_locus.05294	3	14,256,632	14,256,775	0	0	5	yes	
at_locus.05295	3	14,276,815	14,277,467	8	0	15	no	TE
at_locus.05296	3	14,283,657	14,283,923	10	0	1	yes	TE
at_locus.05297	3	14,296,383	14,296,416	4	0	0	no	TE
at_locus.05298	3	14,308,577	14,309,422	2	0	18	yes	TE
at_locus.05299	3	14,309,710	14,310,588	22	0	18	yes	TE
at_locus.05300	3	14,311,315	14,311,517	4	0	7	no	TE
at_locus.05301	3	14,315,801	14,316,952	25	2	25	yes	TE
at_locus.05302	3	14,317,197	14,317,329	4	0	0	no	TE
at_locus.05303	3	14,326,066	14,326,860	41	1	48	yes	
at_locus.05304	3	14,327,341	14,328,016	111	1	23	yes	
at_locus.05305	3	14,329,681	14,329,846	6	0	0	yes	
at_locus.05306	3	14,340,491	14,340,538	5	0	0	no	
at_locus.05307	3	14,348,980	14,349,002	0	0	4	no	TE
at_locus.05308	3	14,354,246	14,354,429	4	0	0	yes	TE
at_locus.05309	3	14,362,187	14,362,221	7	0	5	no	TE
at_locus.05310	3	14,371,609	14,371,632	5	0	0	no	
at_locus.05311	3	14,375,238	14,375,268	5	0	0	no	
at_locus.05312	3	14,395,262	14,395,347	0	0	7	yes	
at_locus.05313	3	14,401,034	14,401,842	7	0	14	no	TE
at_locus.05314	3	14,402,057	14,402,356	0	0	4	no	TE
at_locus.05315	3	14,403,445	14,403,567	4	0	1	no	TE
at_locus.05316	3	14,406,656	14,407,542	11	0	7	yes	TE
at_locus.05317	3	14,408,242	14,408,346	8	1	1	yes	
at_locus.05318	3	14,417,017	14,417,522	7	0	12	no	TE
at_locus.05319	3	14,417,712	14,418,031	7	3	4	yes	TE
at_locus.05320	3	14,418,060	14,418,345	0	0	5	yes	TE
at_locus.05321	3	14,419,047	14,419,245	4	0	5	no	TE
at_locus.05322	3	14,419,515	14,419,919	9	0	5	yes	TE
at_locus.05323	3	14,420,416	14,424,900	122	3	112	yes	TE
at_locus.05324	3	14,425,328	14,427,453	37	5	45	no	TE
at_locus.05325	3	14,431,219	14,431,936	14	4	12	no	TE
at_locus.05326	3	14,432,330	14,432,390	3	0	4	no	TE
at_locus.05327	3	14,432,853	14,433,334	1	0	8	no	TE
at_locus.05328	3	14,433,574	14,435,849	34	2	35	yes	TE
at_locus.05329	3	14,437,049	14,437,356	6	0	4	no	TE

at_locus.05330	3	14,438,123	14,438,930	7	0	4	yes	TE
at_locus.05331	3	14,444,308	14,445,141	23	0	5	no	TE
at_locus.05332	3	14,445,231	14,445,531	1	0	5	no	TE
at_locus.05333	3	14,446,971	14,447,509	20	0	8	no	TE
at_locus.05334	3	14,449,857	14,450,027	0	0	4	yes	TE
at_locus.05335	3	14,451,616	14,452,076	14	0	7	no	TE
at_locus.05336	3	14,455,719	14,456,283	9	0	6	yes	TE
at_locus.05337	3	14,456,417	14,456,704	0	0	5	no	TE
at_locus.05338	3	14,460,412	14,460,574	31	2	5	no	TE
at_locus.05339	3	14,462,042	14,462,385	2	0	5	yes	TE
at_locus.05340	3	14,462,763	14,462,962	4	0	0	no	TE
at_locus.05341	3	14,469,583	14,469,679	4	0	3	no	TE
at_locus.05342	3	14,469,987	14,470,269	4	0	0	yes	TE
at_locus.05343	3	14,470,761	14,470,928	3	0	4	yes	
at_locus.05344	3	14,471,878	14,472,098	11	0	2	no	TE
at_locus.05345	3	14,472,327	14,472,722	20	1	10	yes	TE
at_locus.05346	3	14,474,404	14,474,751	21	0	5	yes	TE
at_locus.05347	3	14,475,138	14,475,170	0	0	6	no	TE
at_locus.05348	3	14,476,162	14,476,649	4	0	17	yes	TE
at_locus.05349	3	14,477,219	14,478,135	4	0	12	no	TE
at_locus.05350	3	14,478,416	14,478,760	8	0	3	no	TE
at_locus.05351	3	14,494,890	14,495,898	3	0	13	no	TE
at_locus.05352	3	14,496,433	14,496,590	5	0	4	no	TE
at_locus.05353	3	14,499,984	14,500,477	5	0	1	no	TE
at_locus.05354	3	14,503,271	14,503,478	1	0	5	yes	TE
at_locus.05355	3	14,554,111	14,554,235	4	0	0	no	TE
at_locus.05356	3	14,556,562	14,556,899	2	0	6	no	TE
at_locus.05357	3	14,558,659	14,558,953	4	0	7	no	TE
at_locus.05358	3	14,559,927	14,560,363	4	0	7	no	TE
at_locus.05359	3	14,560,800	14,561,215	5	0	7	no	TE
at_locus.05360	3	14,563,449	14,563,819	3	0	10	no	TE
at_locus.05361	3	14,563,980	14,565,010	12	0	11	yes	TE
at_locus.05362	3	14,565,248	14,565,469	5	0	6	no	TE
at_locus.05363	3	14,565,924	14,566,309	0	0	4	no	TE
at_locus.05364	3	14,566,468	14,567,618	12	0	22	no	TE
at_locus.05365	3	14,570,072	14,570,814	26	0	1	yes	TE
at_locus.05366	3	14,580,824	14,580,955	1	0	4	yes	TE

at_locus.05367	3	14,583,439	14,583,575	4	0	5	no	TE
at_locus.05368	3	14,588,997	14,589,422	8	0	1	no	TE
at_locus.05369	3	14,590,846	14,591,175	8	1	6	yes	TE
at_locus.05370	3	14,591,709	14,592,357	11	0	10	no	TE
at_locus.05371	3	14,592,429	14,593,564	17	1	18	yes	TE
at_locus.05372	3	14,625,852	14,625,961	9	0	0	no	TE
at_locus.05373	3	14,644,867	14,644,901	4	0	0	no	TE
at_locus.05374	3	14,661,493	14,661,982	9	1	27	yes	TE
at_locus.05375	3	14,662,201	14,662,546	1	1	4	yes	TE
at_locus.05376	3	14,663,776	14,664,140	14	0	8	no	TE
at_locus.05377	3	14,664,516	14,664,665	1	1	9	no	
at_locus.05378	3	14,679,370	14,680,128	69	2	50	no	
at_locus.05379	3	14,693,893	14,694,248	22	0	4	yes	
at_locus.05380	3	14,696,058	14,696,180	4	0	1	yes	TE
at_locus.05381	3	14,703,256	14,703,378	8	0	0	yes	TE
at_locus.05382	3	14,723,944	14,724,860	9	0	2	no	TE
at_locus.05383	3	14,727,477	14,727,835	11	0	7	yes	TE
at_locus.05384	3	14,728,493	14,728,695	4	0	2	no	TE
at_locus.05385	3	14,728,853	14,728,982	0	0	7	no	TE
at_locus.05386	3	14,729,976	14,730,343	2	0	5	no	TE
at_locus.05387	3	14,730,837	14,731,358	2	0	5	yes	TE
at_locus.05388	3	14,739,438	14,739,828	14	0	15	yes	
at_locus.05389	3	14,740,125	14,741,529	142	1	155	yes	TE
at_locus.05390	3	14,745,217	14,745,541	23	0	25	yes	
at_locus.05391	3	14,747,549	14,748,695	23	0	5	yes	TE
at_locus.05392	3	14,751,446	14,751,467	0	0	4	no	TE
at_locus.05393	3	14,756,204	14,756,718	1	0	7	yes	TE
at_locus.05394	3	14,796,236	14,796,500	6	0	1	no	
at_locus.05395	3	14,800,020	14,800,351	0	0	5	no	TE
at_locus.05396	3	14,806,081	14,806,497	5	0	1	no	TE
at_locus.05397	3	14,806,766	14,806,798	2	0	4	no	TE
at_locus.05398	3	14,807,777	14,807,850	1	0	5	no	TE
at_locus.05399	3	14,809,321	14,809,607	4	0	4	no	TE
at_locus.05400	3	14,811,301	14,812,853	17	0	13	yes	TE
at_locus.05401	3	14,813,336	14,813,419	4	0	3	no	TE
at_locus.05402	3	14,813,924	14,814,027	11	0	3	no	TE
at_locus.05403	3	14,815,380	14,815,710	2	0	8	yes	TE



at_locus.05404	3	14,824,192	14,825,756	28	1	35	yes	TE
at_locus.05405	3	14,825,834	14,827,387	19	1	22	yes	TE
at_locus.05406	3	14,828,007	14,828,302	4	0	2	no	TE
at_locus.05407	3	14,829,449	14,829,660	0	0	4	no	TE
at_locus.05408	3	14,830,482	14,830,709	4	0	0	yes	TE
at_locus.05409	3	14,830,901	14,831,401	4	0	10	yes	TE
at_locus.05410	3	14,832,975	14,833,012	2	0	6	no	TE
at_locus.05411	3	14,833,567	14,834,171	15	0	8	no	TE
at_locus.05412	3	14,834,407	14,834,522	4	0	0	no	TE
at_locus.05413	3	14,834,528	14,834,969	2	0	10	yes	TE
at_locus.05414	3	14,835,228	14,835,561	8	0	8	no	TE
at_locus.05415	3	14,835,990	14,838,094	33	2	45	no	TE
at_locus.05416	3	14,844,666	14,845,334	7	0	5	no	TE
at_locus.05417	3	14,856,250	14,856,495	11	0	7	no	TE
at_locus.05418	3	14,856,724	14,856,765	0	0	12	no	TE
at_locus.05419	3	14,856,813	14,857,464	9	0	4	no	TE
at_locus.05420	3	14,857,834	14,857,946	1	0	4	no	TE
at_locus.05421	3	14,859,768	14,859,916	0	0	4	no	TE
at_locus.05422	3	14,860,075	14,860,197	4	0	0	no	TE
at_locus.05423	3	14,860,852	14,861,082	2	0	6	no	TE
at_locus.05424	3	14,862,342	14,862,511	0	0	4	no	TE
at_locus.05425	3	14,863,084	14,863,764	2	0	8	yes	TE
at_locus.05426	3	14,865,151	14,865,684	0	0	6	yes	TE
at_locus.05427	3	14,866,034	14,866,242	2	0	6	yes	TE
at_locus.05428	3	14,866,415	14,866,683	5	0	1	no	TE
at_locus.05429	3	14,867,636	14,868,019	5	0	8	no	TE
at_locus.05430	3	14,868,243	14,868,793	2	0	8	no	TE
at_locus.05431	3	14,869,263	14,869,524	7	0	4	no	TE
at_locus.05432	3	14,869,641	14,869,985	2	0	13	yes	TE
at_locus.05433	3	14,870,299	14,871,674	21	2	15	yes	TE
at_locus.05434	3	14,871,952	14,872,227	1	0	4	yes	TE
at_locus.05435	3	14,882,951	14,883,042	4	0	0	no	
at_locus.05436	3	14,893,838	14,894,050	5	0	0	yes	TE
at_locus.05437	3	14,901,455	14,901,485	0	0	4	no	TE
at_locus.05438	3	14,913,376	14,913,498	1	0	4	yes	TE
at_locus.05439	3	14,922,505	14,922,997	0	0	10	yes	TE
at_locus.05440	3	14,956,773	14,956,893	5	0	0	yes	TE

at_locus.05441	3	14,960,789	14,960,870	0	0	4	yes	
at_locus.05442	3	14,961,376	14,961,580	1	0	4	yes	
at_locus.05443	3	14,967,930	14,968,965	67	1	23	no	TE
at_locus.05444	3	14,969,255	14,970,765	52	0	19	no	TE
at_locus.05445	3	14,971,264	14,971,733	15	0	7	no	TE
at_locus.05446	3	14,972,372	14,973,318	86	4	16	no	TE
at_locus.05447	3	14,989,129	14,989,386	11	0	7	yes	TE
at_locus.05448	3	14,990,553	14,990,810	4	0	4	yes	TE
at_locus.05449	3	14,996,427	14,996,800	12	0	6	no	TE
at_locus.05450	3	15,001,080	15,001,541	25	0	20	yes	TE
at_locus.05451	3	15,002,418	15,002,650	4	0	9	yes	
at_locus.05452	3	15,003,050	15,003,115	2	0	4	yes	
at_locus.05453	3	15,014,178	15,014,433	5	0	0	no	TE
at_locus.05454	3	15,014,673	15,015,006	5	0	5	no	TE
at_locus.05455	3	15,024,072	15,024,262	0	0	4	no	TE
at_locus.05456	3	15,034,034	15,034,064	5	0	0	no	
at_locus.05457	3	15,035,843	15,036,073	7	0	2	yes	
at_locus.05458	3	15,042,515	15,042,939	5	0	1	no	TE
at_locus.05459	3	15,044,475	15,044,534	0	0	4	yes	TE
at_locus.05460	3	15,048,828	15,049,124	6	0	7	no	TE
at_locus.05461	3	15,049,327	15,049,530	12	2	4	no	TE
at_locus.05462	3	15,049,875	15,050,103	2	0	6	no	TE
at_locus.05463	3	15,051,047	15,051,199	3	0	4	yes	TE
at_locus.05464	3	15,053,621	15,053,899	4	0	3	no	TE
at_locus.05465	3	15,054,559	15,055,317	12	2	12	no	TE
at_locus.05466	3	15,088,719	15,089,043	0	0	4	yes	
at_locus.05467	3	15,089,252	15,089,374	4	0	2	yes	
at_locus.05468	3	15,092,170	15,092,410	8	0	2	yes	TE
at_locus.05469	3	15,094,546	15,094,571	4	0	0	no	TE
at_locus.05470	3	15,094,814	15,095,272	11	0	16	yes	TE
at_locus.05471	3	15,095,768	15,095,993	8	0	0	yes	TE
at_locus.05472	3	15,096,871	15,097,205	1	0	8	yes	
at_locus.05473	3	15,097,620	15,098,296	3	0	12	yes	
at_locus.05474	3	15,102,299	15,102,489	4	0	0	yes	TE
at_locus.05475	3	15,109,918	15,109,940	0	0	4	no	TE
at_locus.05476	3	15,110,891	15,110,992	4	0	0	no	TE
at_locus.05477	3	15,122,974	15,123,492	6	0	6	yes	TE

at_locus.05478	3	15,127,746	15,128,146	5	0	8	no	TE
at_locus.05479	3	15,128,924	15,129,107	1	0	6	yes	TE
at_locus.05480	3	15,129,385	15,130,922	10	0	22	yes	TE
at_locus.05481	3	15,132,244	15,132,711	1	0	7	no	TE
at_locus.05482	3	15,132,944	15,133,135	5	0	1	no	TE
at_locus.05483	3	15,143,633	15,143,835	4	0	1	yes	
at_locus.05484	3	15,147,798	15,148,191	12	0	1	no	TE
at_locus.05485	3	15,148,466	15,150,553	20	3	30	no	TE
at_locus.05486	3	15,152,219	15,152,393	4	0	0	yes	
at_locus.05487	3	15,154,494	15,155,232	6	0	3	yes	
at_locus.05488	3	15,158,492	15,158,882	4	0	3	no	TE
at_locus.05489	3	15,159,044	15,159,375	3	0	9	no	TE
at_locus.05490	3	15,159,985	15,160,050	2	0	6	no	TE
at_locus.05491	3	15,160,384	15,160,472	0	0	4	no	TE
at_locus.05492	3	15,160,744	15,161,239	8	0	7	yes	TE
at_locus.05493	3	15,161,872	15,164,817	65	5	68	yes	TE
at_locus.05494	3	15,168,404	15,168,429	0	0	4	no	TE
at_locus.05495	3	15,169,404	15,169,675	2	0	4	no	TE
at_locus.05496	3	15,171,938	15,172,331	9	0	1	no	TE
at_locus.05497	3	15,177,458	15,177,807	6	0	0	yes	
at_locus.05498	3	15,178,401	15,178,701	31	0	11	yes	
at_locus.05499	3	15,179,046	15,179,328	6	0	7	yes	TE
at_locus.05500	3	15,199,869	15,200,007	5	0	2	yes	TE
at_locus.05501	3	15,200,960	15,201,026	13	0	1	yes	
at_locus.05502	3	15,230,226	15,231,107	25	0	28	yes	TE
at_locus.05503	3	15,232,005	15,232,676	21	0	23	yes	
at_locus.05504	3	15,243,062	15,243,121	5	0	0	yes	
at_locus.05505	3	15,244,340	15,244,488	6	0	1	yes	
at_locus.05506	3	15,256,657	15,256,803	4	0	0	yes	
at_locus.05507	3	15,262,000	15,264,066	30	4	41	yes	TE
at_locus.05508	3	15,264,539	15,265,233	17	0	9	no	TE
at_locus.05509	3	15,266,969	15,267,221	7	0	2	no	TE
at_locus.05510	3	15,267,653	15,267,959	7	0	11	no	TE
at_locus.05511	3	15,268,332	15,269,075	3	0	11	yes	TE
at_locus.05512	3	15,269,292	15,269,776	7	0	9	no	TE
at_locus.05513	3	15,270,106	15,270,271	9	0	4	no	TE
at_locus.05514	3	15,270,514	15,271,465	16	0	15	yes	TE

at_locus.05515	3	15,271,880	15,272,330	5	0	7	no	TE
at_locus.05516	3	15,272,522	15,273,188	14	1	12	no	TE
at_locus.05517	3	15,273,220	15,273,585	4	0	0	no	TE
at_locus.05518	3	15,273,622	15,274,685	11	1	30	no	TE
at_locus.05519	3	15,281,925	15,282,069	5	0	4	yes	TE
at_locus.05520	3	15,282,271	15,282,785	8	0	2	yes	TE
at_locus.05521	3	15,305,616	15,306,186	12	0	18	yes	
at_locus.05522	3	15,306,788	15,307,057	8	0	12	yes	
at_locus.05523	3	15,311,817	15,312,100	6	0	1	no	TE
at_locus.05524	3	15,313,121	15,313,365	4	0	0	no	TE
at_locus.05525	3	15,313,788	15,314,874	26	0	13	yes	TE
at_locus.05526	3	15,314,995	15,315,169	2	1	6	yes	TE
at_locus.05527	3	15,316,202	15,316,292	1	0	5	no	TE
at_locus.05528	3	15,325,852	15,326,076	1	0	6	no	TE
at_locus.05529	3	15,326,640	15,326,769	4	0	0	no	TE
at_locus.05530	3	15,328,880	15,329,169	7	0	0	no	TE
at_locus.05531	3	15,329,205	15,329,883	55	3	9	no	TE
at_locus.05532	3	15,331,006	15,331,409	29	1	1	no	TE
at_locus.05533	3	15,331,564	15,332,016	4	0	12	yes	TE
at_locus.05534	3	15,332,205	15,332,537	9	0	8	no	TE
at_locus.05535	3	15,332,936	15,333,835	3	0	15	no	TE
at_locus.05536	3	15,334,216	15,334,459	5	0	3	no	TE
at_locus.05537	3	15,334,632	15,334,954	4	0	5	no	TE
at_locus.05538	3	15,335,100	15,335,725	6	0	11	no	TE
at_locus.05539	3	15,337,437	15,337,724	1	0	4	no	TE
at_locus.05540	3	15,337,869	15,338,391	8	0	7	no	TE
at_locus.05541	3	15,339,021	15,339,362	4	0	1	yes	TE
at_locus.05542	3	15,340,212	15,340,324	1	0	4	no	TE
at_locus.05543	3	15,340,664	15,341,345	9	0	6	no	TE
at_locus.05544	3	15,341,393	15,342,055	15	0	21	no	TE
at_locus.05545	3	15,371,668	15,371,772	1	0	5	yes	
at_locus.05546	3	15,382,914	15,383,234	9	0	4	no	TE
at_locus.05547	3	15,395,417	15,395,766	0	0	4	yes	TE
at_locus.05548	3	15,397,347	15,397,374	5	0	0	yes	TE
at_locus.05549	3	15,406,469	15,407,837	16	0	16	yes	TE
at_locus.05550	3	15,408,049	15,408,448	31	1	9	yes	
at_locus.05551	3	15,409,325	15,409,655	7	0	9	yes	

at_locus.05552	3	15,409,991	15,410,536	8	1	14	yes	
at_locus.05553	3	15,421,727	15,421,930	4	0	2	yes	
at_locus.05554	3	15,429,480	15,429,524	4	0	0	yes	
at_locus.05555	3	15,431,012	15,431,187	10	0	0	yes	
at_locus.05556	3	15,438,196	15,438,398	0	0	4	yes	TE
at_locus.05557	3	15,440,909	15,441,342	6	0	2	yes	TE
at_locus.05558	3	15,446,238	15,446,571	33	1	4	yes	TE
at_locus.05559	3	15,448,262	15,448,383	6	0	0	no	
at_locus.05560	3	15,462,566	15,462,603	10	0	0	no	TE
at_locus.05561	3	15,462,856	15,463,247	17	0	0	no	TE
at_locus.05562	3	15,463,528	15,463,778	4	2	0	no	TE
at_locus.05563	3	15,465,725	15,465,755	5	0	0	no	
at_locus.05564	3	15,467,594	15,468,072	8	0	12	no	TE
at_locus.05565	3	15,471,174	15,471,541	6	0	1	yes	TE
at_locus.05566	3	15,471,776	15,472,040	1	0	4	yes	TE
at_locus.05567	3	15,473,233	15,473,620	3	0	5	yes	TE
at_locus.05568	3	15,475,621	15,475,818	0	0	5	yes	TE
at_locus.05569	3	15,481,012	15,481,042	5	0	0	no	
at_locus.05570	3	15,482,880	15,483,428	5	0	15	no	TE
at_locus.05571	3	15,487,549	15,487,666	5	0	0	no	TE
at_locus.05572	3	15,487,766	15,488,407	40	2	10	no	TE
at_locus.05573	3	15,495,769	15,496,247	22	2	1	yes	TE
at_locus.05574	3	15,512,288	15,512,384	4	0	0	yes	
at_locus.05575	3	15,518,771	15,518,907	5	0	0	yes	TE
at_locus.05576	3	15,519,079	15,519,094	0	0	6	no	TE
at_locus.05577	3	15,519,519	15,520,169	6	0	7	yes	TE
at_locus.05578	3	15,573,035	15,574,090	20	0	24	yes	
at_locus.05579	3	15,595,360	15,595,688	4	0	0	yes	TE
at_locus.05580	3	15,598,161	15,598,298	4	0	0	no	TE
at_locus.05581	3	15,598,658	15,598,808	4	0	0	no	TE
at_locus.05582	3	15,601,440	15,601,636	0	0	5	no	TE
at_locus.05583	3	15,622,407	15,622,932	9	0	7	yes	TE
at_locus.05584	3	15,623,499	15,623,873	22	0	12	yes	
at_locus.05585	3	15,624,468	15,625,259	18	0	13	yes	
at_locus.05586	3	15,630,244	15,630,913	11	0	16	yes	TE
at_locus.05587	3	15,631,644	15,632,143	0	0	4	yes	
at_locus.05588	3	15,642,629	15,642,675	1	0	6	yes	TE

at_locus.05589	3	15,642,915	15,643,142	9	0	5	yes	
at_locus.05590	3	15,643,464	15,644,196	54	1	31	yes	
at_locus.05591	3	15,644,338	15,645,439	56	1	59	yes	TE
at_locus.05592	3	15,645,678	15,646,697	57	2	66	yes	TE
at_locus.05593	3	15,646,911	15,648,334	47	2	55	yes	TE
at_locus.05594	3	15,648,900	15,649,364	10	1	1	yes	
at_locus.05595	3	15,649,738	15,650,869	24	0	29	yes	TE
at_locus.05596	3	15,651,352	15,651,429	0	0	4	yes	
at_locus.05597	3	15,652,566	15,653,314	23	0	16	yes	
at_locus.05598	3	15,653,937	15,654,286	11	0	3	yes	
at_locus.05599	3	15,662,329	15,662,726	0	0	9	no	TE
at_locus.05600	3	15,662,808	15,663,435	11	0	1	no	TE
at_locus.05601	3	15,677,863	15,677,928	10	0	3	yes	TE
at_locus.05602	3	15,678,263	15,678,310	5	0	0	no	TE
at_locus.05603	3	15,688,079	15,688,371	6	3	5	yes	TE
at_locus.05604	3	15,688,719	15,688,964	5	0	2	yes	TE
at_locus.05605	3	15,692,407	15,692,832	57	2	6	yes	TE
at_locus.05606	3	15,693,047	15,693,989	205	1	167	yes	
at_locus.05607	3	15,698,386	15,698,931	11	0	5	yes	TE
at_locus.05608	3	15,699,115	15,699,247	0	0	4	yes	
at_locus.05609	3	15,722,502	15,725,453	50	4	65	yes	TE
at_locus.05610	3	15,725,598	15,727,794	65	4	66	yes	TE
at_locus.05611	3	15,728,391	15,729,099	18	0	6	yes	TE
at_locus.05612	3	15,729,797	15,731,509	27	0	23	no	TE
at_locus.05613	3	15,731,778	15,733,664	29	3	49	no	TE
at_locus.05614	3	15,739,926	15,740,305	6	0	2	no	TE
at_locus.05615	3	15,743,495	15,743,743	1	0	5	yes	
at_locus.05616	3	15,743,805	15,744,615	48	0	15	yes	TE
at_locus.05617	3	15,745,719	15,745,827	1	0	7	yes	
at_locus.05618	3	15,746,326	15,746,783	3	0	6	yes	
at_locus.05619	3	15,749,895	15,750,202	1	0	6	no	TE
at_locus.05620	3	15,750,254	15,750,524	4	0	1	no	TE
at_locus.05621	3	15,750,799	15,751,011	5	0	6	yes	TE
at_locus.05622	3	15,757,512	15,757,603	4	0	1	no	
at_locus.05623	3	15,778,260	15,778,490	6	0	1	yes	
at_locus.05624	3	15,791,704	15,791,736	5	0	0	yes	
at_locus.05625	3	15,795,465	15,795,653	8	12	13	yes	TE

at_locus.05626	3	15,797,270	15,797,446	13	1	2	no	TE
at_locus.05627	3	15,799,929	15,800,146	2	1	6	yes	TE
at_locus.05628	3	15,805,640	15,805,761	4	0	0	yes	TE
at_locus.05629	3	15,807,148	15,807,208	5	1	0	yes	
at_locus.05630	3	15,808,728	15,809,185	9	0	7	yes	TE
at_locus.05631	3	15,810,032	15,810,276	6	0	4	yes	
at_locus.05632	3	15,814,478	15,814,665	1	0	5	yes	
at_locus.05633	3	15,824,764	15,824,869	0	0	4	yes	
at_locus.05634	3	15,825,265	15,825,861	50	2	3	yes	TE
at_locus.05635	3	15,826,689	15,827,921	51	0	18	yes	TE
at_locus.05636	3	15,828,390	15,829,271	56	0	11	yes	TE
at_locus.05637	3	15,842,173	15,842,314	5	0	2	no	TE
at_locus.05638	3	15,843,745	15,843,779	4	0	0	no	
at_locus.05639	3	15,874,987	15,875,498	5	1	2	no	TE
at_locus.05640	3	15,879,200	15,879,397	5	0	0	yes	TE
at_locus.05641	3	15,884,393	15,884,556	6	1	0	yes	TE
at_locus.05642	3	15,885,083	15,885,718	19	0	0	yes	TE
at_locus.05643	3	15,886,028	15,886,318	6	0	0	yes	
at_locus.05644	3	15,887,892	15,888,030	17	1	0	yes	
at_locus.05645	3	15,910,688	15,911,169	6	0	4	yes	
at_locus.05646	3	15,915,153	15,915,596	8	2	1	yes	
at_locus.05647	3	15,926,896	15,926,975	5	0	1	yes	
at_locus.05648	3	15,928,007	15,928,376	10	0	1	yes	TE
at_locus.05649	3	15,929,082	15,929,220	10	0	0	no	TE
at_locus.05650	3	15,929,514	15,929,676	20	0	0	no	TE
at_locus.05651	3	15,930,393	15,930,415	4	0	0	yes	TE
at_locus.05652	3	15,937,932	15,938,296	19	0	0	yes	TE
at_locus.05653	3	15,942,213	15,942,291	4	1	0	yes	TE
at_locus.05654	3	15,943,029	15,943,071	5	0	0	yes	
at_locus.05655	3	15,944,188	15,944,213	5	0	0	yes	
at_locus.05656	3	15,945,285	15,945,521	6	0	2	yes	TE
at_locus.05657	3	15,948,273	15,948,348	8	0	0	no	TE
at_locus.05658	3	15,948,989	15,949,277	11	0	0	no	TE
at_locus.05659	3	15,949,604	15,949,821	26	2	1	no	TE
at_locus.05660	3	15,950,096	15,950,356	24	0	0	no	TE
at_locus.05661	3	15,954,689	15,954,936	7	2	6	yes	
at_locus.05662	3	15,955,183	15,956,098	17	0	7	yes	TE

at_locus.05663	3	15,978,832	15,978,854	4	0	0	no	TE
at_locus.05664	3	15,988,415	15,988,495	4	0	0	yes	TE
at_locus.05665	3	15,989,028	15,989,293	13	0	0	yes	TE
at_locus.05666	3	16,050,009	16,051,009	75	4	23	yes	TE
at_locus.05667	3	16,051,378	16,052,047	21	0	9	no	TE
at_locus.05668	3	16,053,241	16,053,270	4	0	0	no	TE
at_locus.05669	3	16,063,280	16,063,504	4	0	0	yes	
at_locus.05670	3	16,067,153	16,067,200	4	0	0	no	
at_locus.05671	3	16,071,819	16,072,354	9	0	0	no	
at_locus.05672	3	16,073,845	16,073,874	4	0	0	no	TE
at_locus.05673	3	16,075,130	16,075,614	16	0	6	yes	TE
at_locus.05674	3	16,076,228	16,076,760	17	0	13	yes	TE
at_locus.05675	3	16,077,309	16,078,218	64	2	9	yes	TE
at_locus.05676	3	16,081,769	16,082,047	4	0	0	yes	
at_locus.05677	3	16,082,832	16,083,031	18	0	1	yes	
at_locus.05678	3	16,090,301	16,090,535	7	0	0	yes	TE
at_locus.05679	3	16,095,390	16,095,464	4	1	0	yes	
at_locus.05680	3	16,097,599	16,098,228	10	0	3	no	TE
at_locus.05681	3	16,098,466	16,098,726	24	0	17	no	TE
at_locus.05682	3	16,100,533	16,100,737	4	0	0	yes	
at_locus.05683	3	16,101,160	16,101,286	4	0	1	yes	TE
at_locus.05684	3	16,110,101	16,110,341	7	0	0	no	
at_locus.05685	3	16,111,773	16,112,722	50	2	25	yes	TE
at_locus.05686	3	16,113,269	16,113,414	4	0	0	no	TE
at_locus.05687	3	16,114,711	16,115,228	5	0	2	no	TE
at_locus.05688	3	16,116,108	16,116,569	8	0	5	no	TE
at_locus.05689	3	16,116,833	16,117,048	6	0	1	no	TE
at_locus.05690	3	16,125,378	16,125,422	5	0	0	yes	
at_locus.05691	3	16,152,726	16,153,405	8	0	2	yes	TE
at_locus.05692	3	16,153,831	16,154,756	11	0	3	no	TE
at_locus.05693	3	16,154,972	16,155,153	15	0	1	no	TE
at_locus.05694	3	16,169,786	16,172,547	95	126	95	yes	
at_locus.05695	3	16,192,652	16,193,336	5	0	1	yes	TE
at_locus.05696	3	16,193,560	16,194,178	9	0	5	yes	TE
at_locus.05697	3	16,196,409	16,197,143	22	0	2	no	TE
at_locus.05698	3	16,198,643	16,198,810	9	0	0	yes	
at_locus.05699	3	16,212,952	16,213,242	5	0	2	yes	



at_locus.05700	3	16,215,949	16,216,066	6	0	0	yes	
at_locus.05701	3	16,223,846	16,223,998	6	0	0	no	TE
at_locus.05702	3	16,224,265	16,224,339	18	0	3	yes	TE
at_locus.05703	3	16,235,221	16,235,295	5	0	0	no	TE
at_locus.05704	3	16,236,717	16,237,312	10	0	0	no	
at_locus.05705	3	16,245,649	16,245,924	16	0	2	yes	TE
at_locus.05706	3	16,246,629	16,246,694	7	0	0	no	TE
at_locus.05707	3	16,252,198	16,252,797	23	2	5	yes	TE
at_locus.05708	3	16,277,667	16,277,754	4	0	1	no	TE
at_locus.05709	3	16,279,921	16,280,493	18	0	5	yes	TE
at_locus.05710	3	16,290,872	16,291,153	13	0	4	yes	TE
at_locus.05711	3	16,291,502	16,292,099	19	0	17	yes	
at_locus.05712	3	16,304,563	16,305,065	11	0	2	yes	TE
at_locus.05713	3	16,313,790	16,314,014	6	0	0	yes	TE
at_locus.05714	3	16,344,913	16,345,770	61	0	10	no	TE
at_locus.05715	3	16,346,103	16,347,641	22	1	47	yes	TE
at_locus.05716	3	16,347,746	16,351,786	54	1	87	yes	TE
at_locus.05717	3	16,352,368	16,352,880	45	1	4	yes	TE
at_locus.05718	3	16,364,254	16,364,289	10	0	0	no	TE
at_locus.05719	3	16,364,455	16,365,059	1	0	3	yes	TE
at_locus.05720	3	16,365,222	16,365,394	32	2	2	yes	TE
at_locus.05721	3	16,367,481	16,367,619	1	0	4	no	
at_locus.05722	3	16,368,643	16,368,732	2	0	6	yes	
at_locus.05723	3	16,416,237	16,416,735	16	0	0	no	TE
at_locus.05724	3	16,417,110	16,417,160	4	0	0	yes	TE
at_locus.05725	3	16,419,675	16,420,274	24	0	17	yes	
at_locus.05726	3	16,428,856	16,429,298	19	0	9	no	TE
at_locus.05727	3	16,430,137	16,430,171	8	0	0	no	TE
at_locus.05728	3	16,430,616	16,430,748	12	0	0	no	TE
at_locus.05729	3	16,431,043	16,431,197	13	0	0	no	TE
at_locus.05730	3	16,449,352	16,449,525	14	0	0	yes	TE
at_locus.05731	3	16,462,534	16,462,907	34	0	0	no	TE
at_locus.05732	3	16,463,142	16,463,458	21	0	0	yes	TE
at_locus.05733	3	16,473,943	16,474,025	6	0	0	yes	
at_locus.05734	3	16,481,924	16,482,262	5	0	0	yes	
at_locus.05735	3	16,496,295	16,496,819	12	0	1	no	TE
at_locus.05736	3	16,512,197	16,512,792	10	0	10	no	TE

at_locus.05737	3	16,521,762	16,522,139	12	0	1	no	TE
at_locus.05738	3	16,522,413	16,522,915	8	1	17	yes	TE
at_locus.05739	3	16,531,810	16,531,884	4	0	0	no	
at_locus.05740	3	16,533,019	16,533,214	5	0	0	yes	TE
at_locus.05741	3	16,545,492	16,545,543	15	0	0	no	TE
at_locus.05742	3	16,546,191	16,546,277	5	0	0	no	TE
at_locus.05743	3	16,546,630	16,546,681	5	0	0	yes	TE
at_locus.05744	3	16,549,341	16,549,402	20	0	1	yes	TE
at_locus.05745	3	16,550,485	16,550,567	4	0	0	yes	TE
at_locus.05746	3	16,559,744	16,560,076	0	0	5	yes	
at_locus.05747	3	16,564,305	16,564,370	5	0	0	yes	TE
at_locus.05748	3	16,567,007	16,567,321	6	0	0	yes	
at_locus.05749	3	16,572,639	16,572,724	16	0	0	no	TE
at_locus.05750	3	16,573,214	16,573,917	42	2	1	no	TE
at_locus.05751	3	16,574,278	16,574,570	18	0	0	no	TE
at_locus.05752	3	16,579,231	16,579,561	5	0	0	yes	TE
at_locus.05753	3	16,600,306	16,600,440	4	0	2	yes	TE
at_locus.05754	3	16,605,390	16,605,625	4	0	3	yes	TE
at_locus.05755	3	16,637,116	16,637,821	24	0	18	yes	
at_locus.05756	3	16,656,109	16,656,211	1	1	5	yes	TE
at_locus.05757	3	16,657,796	16,657,944	3	0	7	no	TE
at_locus.05758	3	16,688,603	16,688,630	4	0	0	no	TE
at_locus.05759	3	16,689,273	16,689,389	13	0	0	no	TE
at_locus.05760	3	16,693,022	16,693,748	9	0	0	no	
at_locus.05761	3	16,711,088	16,711,400	10	3	4	yes	TE
at_locus.05762	3	16,726,294	16,726,321	15	0	3	no	TE
at_locus.05763	3	16,730,528	16,730,654	15	0	5	no	TE
at_locus.05764	3	16,734,212	16,734,254	14	0	0	no	TE
at_locus.05765	3	16,742,927	16,743,008	6	0	0	yes	TE
at_locus.05766	3	16,777,333	16,777,356	4	0	0	no	
at_locus.05767	3	16,781,383	16,781,529	35	1	0	yes	TE
at_locus.05768	3	16,798,616	16,798,962	58	3	3	yes	TE
at_locus.05769	3	16,809,281	16,809,317	16	0	0	yes	
at_locus.05770	3	16,825,004	16,825,219	6	1	1	yes	TE
at_locus.05771	3	16,828,879	16,828,976	6	0	0	yes	TE
at_locus.05772	3	16,857,977	16,858,188	5	1	3	yes	TE
at_locus.05773	3	16,858,417	16,858,808	7	0	1	yes	TE

at_locus.05774	3	16,862,613	16,862,790	8	0	3	no	
at_locus.05775	3	16,864,138	16,864,355	15	0	0	yes	TE
at_locus.05776	3	16,887,638	16,888,279	13	0	12	yes	
at_locus.05777	3	16,888,463	16,889,008	11	0	14	yes	TE
at_locus.05778	3	16,890,736	16,891,020	9	0	0	no	TE
at_locus.05779	3	16,891,499	16,892,025	20	0	2	yes	TE
at_locus.05780	3	16,892,374	16,892,603	16	0	2	yes	TE
at_locus.05781	3	16,913,319	16,913,346	4	0	0	no	TE
at_locus.05782	3	16,913,985	16,914,075	8	0	0	no	TE
at_locus.05783	3	16,962,195	16,962,738	11	0	13	no	
at_locus.05784	3	16,985,524	16,985,849	6	0	5	yes	
at_locus.05785	3	17,004,253	17,004,506	13	0	0	no	
at_locus.05786	3	17,022,018	17,022,363	0	0	4	yes	
at_locus.05787	3	17,044,251	17,044,385	7	0	2	no	TE
at_locus.05788	3	17,046,351	17,046,672	23	0	0	yes	
at_locus.05789	3	17,059,448	17,059,475	7	0	0	no	TE
at_locus.05790	3	17,070,672	17,070,897	7	0	1	no	
at_locus.05791	3	17,072,373	17,072,794	19	0	0	no	TE
at_locus.05792	3	17,073,034	17,073,519	17	0	0	no	TE
at_locus.05793	3	17,074,173	17,074,214	4	0	0	no	TE
at_locus.05794	3	17,080,005	17,080,330	8	0	0	no	TE
at_locus.05795	3	17,080,724	17,080,825	4	0	1	yes	TE
at_locus.05796	3	17,081,638	17,082,210	33	0	2	yes	TE
at_locus.05797	3	17,082,444	17,082,693	6	0	0	yes	
at_locus.05798	3	17,098,024	17,098,362	11	0	2	yes	
at_locus.05799	3	17,109,674	17,109,734	8	0	0	no	
at_locus.05800	3	17,111,250	17,112,194	9	0	19	yes	TE
at_locus.05801	3	17,118,197	17,119,069	6	0	1	no	TE
at_locus.05802	3	17,120,728	17,120,763	4	0	0	no	TE
at_locus.05803	3	17,125,693	17,126,035	0	0	4	no	TE
at_locus.05804	3	17,128,235	17,128,764	5	0	0	yes	TE
at_locus.05805	3	17,152,592	17,152,799	6	0	1	yes	TE
at_locus.05806	3	17,153,434	17,153,676	17	0	0	no	TE
at_locus.05807	3	17,154,114	17,154,798	28	0	1	no	TE
at_locus.05808	3	17,155,390	17,155,475	16	0	0	no	TE
at_locus.05809	3	17,155,800	17,156,160	23	0	19	yes	
at_locus.05810	3	17,158,212	17,158,395	5	0	0	yes	

at_locus.05811	3	17,188,050	17,188,487	9	0	0	yes	
at_locus.05812	3	17,213,827	17,214,068	54	2	4	yes	TE
at_locus.05813	3	17,214,758	17,214,910	19	0	0	no	TE
at_locus.05814	3	17,216,352	17,216,390	7	2	0	yes	TE
at_locus.05815	3	17,216,883	17,216,991	8	0	0	yes	TE
at_locus.05816	3	17,220,654	17,220,691	6	0	0	no	TE
at_locus.05817	3	17,260,530	17,260,715	29	0	0	yes	
at_locus.05818	3	17,271,793	17,271,955	4	0	0	yes	
at_locus.05819	3	17,272,223	17,272,387	14	0	0	yes	
at_locus.05820	3	17,283,608	17,284,200	11	1	22	yes	
at_locus.05821	3	17,286,730	17,288,034	54	4	0	no	TE
at_locus.05822	3	17,288,714	17,288,799	12	0	0	no	TE
at_locus.05823	3	17,310,137	17,311,007	51	2	1	no	TE
at_locus.05824	3	17,311,233	17,311,571	12	2	0	no	TE
at_locus.05825	3	17,312,178	17,312,263	12	0	0	no	TE
at_locus.05826	3	17,373,964	17,374,951	34	3	17	yes	TE
at_locus.05827	3	17,375,415	17,376,359	26	0	14	no	TE
at_locus.05828	3	17,377,249	17,377,805	13	1	10	no	TE
at_locus.05829	3	17,378,329	17,379,218	53	3	10	yes	TE
at_locus.05830	3	17,393,439	17,394,291	41	0	3	no	TE
at_locus.05831	3	17,394,471	17,394,652	11	0	0	no	TE
at_locus.05832	3	17,403,460	17,404,264	16	0	8	yes	TE
at_locus.05833	3	17,404,815	17,405,708	14	0	12	yes	TE
at_locus.05834	3	17,407,190	17,407,551	6	0	0	yes	TE
at_locus.05835	3	17,407,919	17,408,285	18	0	0	no	TE
at_locus.05836	3	17,412,982	17,414,432	69	1	25	yes	TE
at_locus.05837	3	17,414,980	17,415,108	5	0	4	no	TE
at_locus.05838	3	17,415,854	17,416,301	2	0	5	yes	TE
at_locus.05839	3	17,416,607	17,417,157	4	0	2	yes	TE
at_locus.05840	3	17,417,972	17,418,313	8	1	3	no	TE
at_locus.05841	3	17,418,577	17,419,337	6	0	5	no	TE
at_locus.05842	3	17,419,487	17,419,814	8	0	1	no	TE
at_locus.05843	3	17,421,979	17,423,303	8	0	8	no	TE
at_locus.05844	3	17,423,552	17,424,064	8	0	1	yes	TE
at_locus.05845	3	17,424,484	17,424,513	1	0	4	no	TE
at_locus.05846	3	17,424,955	17,425,253	5	0	0	yes	TE
at_locus.05847	3	17,426,260	17,426,521	4	0	2	no	TE

at_locus.05848	3	17,428,085	17,428,441	7	0	2	no	TE
at_locus.05849	3	17,428,654	17,428,951	13	0	18	yes	TE
at_locus.05850	3	17,429,800	17,430,000	11	0	2	yes	TE
at_locus.05851	3	17,440,640	17,440,932	8	0	6	yes	TE
at_locus.05852	3	17,441,211	17,441,674	2	0	5	no	TE
at_locus.05853	3	17,442,519	17,443,023	5	0	1	no	TE
at_locus.05854	3	17,443,898	17,444,057	5	0	0	no	TE
at_locus.05855	3	17,444,105	17,444,825	4	0	10	no	TE
at_locus.05856	3	17,446,510	17,447,189	4	1	6	no	TE
at_locus.05858	3	17,458,916	17,459,083	7	0	0	yes	
at_locus.05859	3	17,480,790	17,481,402	45	0	1	no	TE
at_locus.05860	3	17,481,679	17,482,002	8	0	0	no	TE
at_locus.05861	3	17,527,668	17,527,725	4	0	0	no	
at_locus.05862	3	17,531,455	17,531,493	4	0	0	yes	
at_locus.05863	3	17,591,041	17,591,481	8	0	2	yes	TE
at_locus.05864	3	17,667,354	17,667,561	18	0	0	yes	
at_locus.05865	3	17,669,710	17,669,888	11	0	0	yes	TE
at_locus.05866	3	17,694,750	17,694,821	4	0	0	yes	
at_locus.05867	3	17,739,559	17,739,985	57	27	47	yes	
at_locus.05868	3	17,741,376	17,741,686	42	2	2	no	TE
at_locus.05869	3	17,741,923	17,742,219	8	0	0	yes	TE
at_locus.05870	3	17,786,614	17,786,846	9	1	1	yes	TE
at_locus.05871	3	17,787,774	17,788,007	6	0	0	no	TE
at_locus.05872	3	17,788,249	17,788,931	27	0	2	yes	TE
at_locus.05873	3	17,853,318	17,854,117	65	1	46	yes	
at_locus.05874	3	17,873,457	17,873,845	8	3	1	yes	
at_locus.05876	3	17,989,550	17,989,872	6	0	1	yes	TE
at_locus.05877	3	18,025,904	18,025,971	4	0	0	yes	
at_locus.05878	3	18,029,766	18,030,313	20	0	1	yes	TE
at_locus.05879	3	18,030,536	18,030,910	25	4	0	no	TE
at_locus.05880	3	18,058,455	18,058,719	8	0	0	yes	TE
at_locus.05881	3	18,066,854	18,066,948	4	0	0	no	TE
at_locus.05882	3	18,070,709	18,070,803	4	0	0	no	TE
at_locus.05883	3	18,073,362	18,073,738	16	0	0	no	
at_locus.05884	3	18,080,417	18,081,386	30	0	0	yes	
at_locus.05885	3	18,098,208	18,098,656	10	0	1	yes	
at_locus.05886	3	18,121,384	18,122,424	17	0	2	yes	TE

at_locus.05887	3	18,122,746	18,122,950	7	0	0	no	TE
at_locus.05888	3	18,123,367	18,123,423	4	0	1	no	TE
at_locus.05889	3	18,157,829	18,158,063	8	0	1	yes	TE
at_locus.05890	3	18,182,026	18,182,177	16	0	0	no	TE
at_locus.05891	3	18,183,358	18,183,775	18	0	0	yes	TE
at_locus.05892	3	18,254,649	18,254,966	25	0	3	yes	TE
at_locus.05893	3	18,266,096	18,266,319	7	0	0	yes	
at_locus.05894	3	18,307,322	18,307,346	5	0	0	no	
at_locus.05895	3	18,319,654	18,320,144	15	0	0	yes	TE
at_locus.05896	3	18,320,966	18,321,055	4	1	0	yes	TE
at_locus.05897	3	18,350,678	18,350,774	4	0	0	yes	
at_locus.05898	3	18,368,304	18,368,818	20	2	7	yes	TE
at_locus.05899	3	18,423,139	18,424,157	59	4	1	no	TE
at_locus.05900	3	18,469,691	18,469,716	4	0	0	no	TE
at_locus.05901	3	18,554,474	18,555,999	103	1	91	yes	
at_locus.05902	3	18,556,313	18,557,079	150	4	43	yes	
at_locus.05903	3	18,580,474	18,580,629	8	1	0	yes	
at_locus.05904	3	18,596,188	18,596,256	4	0	1	yes	
at_locus.05905	3	18,642,157	18,642,929	25	0	11	no	TE
at_locus.05906	3	18,645,022	18,645,467	20	1	0	yes	TE
at_locus.05907	3	18,663,918	18,664,098	15	0	0	yes	TE
at_locus.05908	3	18,664,706	18,665,000	4	0	4	yes	
at_locus.05909	3	18,745,228	18,745,975	84	4	11	no	TE
at_locus.05910	3	18,746,625	18,747,099	20	1	7	no	TE
at_locus.05911	3	18,747,749	18,749,012	57	0	19	no	TE
at_locus.05912	3	18,749,385	18,750,774	86	4	24	yes	TE
at_locus.05913	3	18,802,103	18,802,233	4	0	0	yes	TE
at_locus.05914	3	18,802,472	18,802,657	4	0	0	yes	TE
at_locus.05915	3	18,807,156	18,807,263	4	0	0	yes	
at_locus.05916	3	18,810,551	18,810,840	7	0	0	yes	
at_locus.05917	3	18,823,208	18,823,624	10	0	27	yes	TE
at_locus.05918	3	18,824,442	18,824,847	24	1	0	yes	
at_locus.05919	3	18,854,566	18,855,011	45	0	1	no	TE
at_locus.05920	3	18,855,337	18,855,574	10	0	0	no	TE
at_locus.05921	3	18,861,961	18,861,981	0	1	7	no	
at_locus.05922	3	18,871,051	18,871,301	8	0	0	yes	TE
at_locus.05923	3	18,871,976	18,872,137	5	2	1	no	TE

at_locus.05924	3	18,884,586	18,884,893	30	0	0	yes	
at_locus.05925	3	18,897,714	18,897,937	5	0	0	no	TE
at_locus.05926	3	18,898,416	18,898,614	6	1	0	yes	TE
at_locus.05928	3	18,938,246	18,938,343	4	0	0	no	TE
at_locus.05929	3	18,938,906	18,939,694	27	0	0	no	
at_locus.05930	3	18,959,801	18,959,829	4	0	0	no	TE
at_locus.05931	3	18,987,737	18,988,085	7	0	1	yes	TE
at_locus.05932	3	19,084,431	19,084,533	14	31	35	yes	
at_locus.05933	3	19,144,634	19,145,329	21	2	2	no	TE
at_locus.05934	3	19,145,604	19,145,843	5	0	3	yes	TE
at_locus.05935	3	19,163,680	19,163,740	5	0	1	yes	
at_locus.05936	3	19,168,768	19,168,825	4	0	1	no	
at_locus.05937	3	19,189,450	19,189,664	7	0	1	yes	TE
at_locus.05938	3	19,189,894	19,189,943	6	0	0	yes	TE
at_locus.05939	3	19,253,920	19,254,179	16	0	1	yes	
at_locus.05940	3	19,254,581	19,254,707	16	0	0	yes	
at_locus.05941	3	19,313,011	19,313,026	5	15	8	no	
at_locus.05942	3	19,402,973	19,403,336	13	0	2	yes	
at_locus.05943	3	19,439,014	19,439,271	6	0	0	no	TE
at_locus.05944	3	19,439,857	19,440,177	8	0	1	yes	TE
at_locus.05945	3	19,447,896	19,448,314	25	1	0	yes	TE
at_locus.05946	3	19,482,424	19,482,600	9	1	4	yes	
at_locus.05947	3	19,516,896	19,517,228	0	0	5	yes	
at_locus.05948	3	19,531,668	19,532,108	21	0	2	no	TE
at_locus.05949	3	19,540,003	19,540,030	4	0	0	no	TE
at_locus.05950	3	19,548,730	19,548,792	6	0	0	no	TE
at_locus.05951	3	19,571,735	19,571,994	6	0	4	yes	
at_locus.05952	3	19,589,182	19,589,222	4	0	0	no	
at_locus.05953	3	19,633,254	19,633,590	74	0	1	yes	TE
at_locus.05954	3	19,659,146	19,659,443	5	0	1	no	
at_locus.05955	3	19,670,283	19,670,587	9	16	5	yes	
at_locus.05956	3	19,750,737	19,751,316	31	1	1	yes	TE
at_locus.05957	3	19,764,822	19,764,960	4	0	0	yes	TE
at_locus.05958	3	19,776,224	19,776,294	5	0	1	no	TE
at_locus.05959	3	19,877,938	19,877,960	4	0	0	yes	
at_locus.05960	3	19,970,819	19,971,161	5	0	6	yes	
at_locus.05961	3	20,035,475	20,035,604	6	0	0	yes	

at_locus.05962	3	20,041,380	20,041,741	5	0	4	yes	
at_locus.05963	3	20,041,864	20,043,571	460	7	316	yes	
at_locus.05964	3	20,101,592	20,101,799	10	2	0	yes	
at_locus.05965	3	20,199,513	20,199,787	7	0	0	yes	TE
at_locus.05966	3	20,200,242	20,200,315	4	0	1	no	TE
at_locus.05967	3	20,213,256	20,214,251	7	0	4	yes	
at_locus.05968	3	20,217,663	20,218,703	5	0	7	yes	
at_locus.05969	3	20,244,657	20,245,564	25	0	4	no	TE
at_locus.05970	3	20,315,671	20,315,852	4	0	0	yes	TE
at_locus.05971	3	20,341,201	20,341,352	7	0	0	yes	
at_locus.05972	3	20,360,423	20,360,813	11	0	1	yes	
at_locus.05973	3	20,493,440	20,493,535	8	0	0	no	
at_locus.05974	3	20,495,120	20,495,412	8	2	1	no	TE
at_locus.05975	3	20,495,888	20,496,071	8	0	0	no	TE
at_locus.05976	3	20,496,723	20,497,084	6	0	0	no	TE
at_locus.05977	3	20,497,900	20,498,119	10	0	0	no	TE
at_locus.05978	3	20,499,182	20,499,214	7	0	0	no	
at_locus.05979	3	20,550,493	20,551,102	24	1	12	yes	
at_locus.05980	3	20,585,169	20,585,241	4	0	3	yes	
at_locus.05981	3	20,598,900	20,598,990	27	50	138	yes	
at_locus.05982	3	20,630,563	20,630,594	10	15	3	no	
at_locus.05983	3	20,640,749	20,640,865	9	0	0	yes	
at_locus.05984	3	20,653,851	20,653,969	3	3	5	yes	
at_locus.05985	3	20,665,772	20,665,879	0	0	4	no	TE
at_locus.05986	3	20,666,086	20,666,745	8	0	0	yes	TE
at_locus.05987	3	20,668,053	20,668,616	6	0	2	no	TE
at_locus.05988	3	20,702,636	20,702,777	41	118	83	yes	
at_locus.05989	3	20,736,733	20,736,864	3	5	4	yes	
at_locus.05990	3	20,737,094	20,737,253	9	0	1	yes	TE
at_locus.05991	3	20,738,176	20,738,443	4	0	0	yes	TE
at_locus.05992	3	20,757,357	20,757,524	71	0	0	no	
at_locus.05993	3	20,762,451	20,762,733	4	0	2	yes	
at_locus.05994	3	20,774,782	20,774,961	7	0	0	yes	
at_locus.05995	3	20,780,574	20,780,718	18	0	0	no	TE
at_locus.05996	3	20,781,414	20,781,441	4	0	0	no	TE
at_locus.05997	3	20,798,069	20,798,319	8	2	0	no	TE
at_locus.05998	3	20,798,586	20,799,304	55	1	2	no	TE



at_locus.05999	3	20,801,820	20,802,035	1	4	0	yes	
at_locus.06000	3	20,819,820	20,820,328	16	0	18	yes	
at_locus.06001	3	20,886,618	20,886,666	6	0	1	no	TE
at_locus.06002	3	20,940,635	20,940,832	9	1	6	yes	
at_locus.06003	3	20,968,730	20,968,913	7	0	2	yes	TE
at_locus.06004	3	21,000,792	21,001,257	5	0	2	yes	
at_locus.06005	3	21,001,759	21,002,086	9	0	0	no	TE
at_locus.06006	3	21,010,128	21,010,178	7	0	0	yes	TE
at_locus.06008	3	21,037,485	21,037,517	11	0	0	no	
at_locus.06010	3	21,191,516	21,191,536	7	2	2	yes	
at_locus.06011	3	21,288,311	21,288,355	48	1	0	yes	
at_locus.06012	3	21,335,660	21,335,838	10	0	0	yes	TE
at_locus.06015	3	21,520,600	21,520,763	8	0	7	yes	
at_locus.06016	3	21,558,555	21,558,628	8	0	0	yes	
at_locus.06017	3	21,563,076	21,563,360	16	0	0	no	TE
at_locus.06019	3	21,705,211	21,705,394	28	0	0	no	TE
at_locus.06020	3	21,979,387	21,980,304	16	1	10	yes	
at_locus.06021	3	22,013,974	22,014,010	5	0	0	no	
at_locus.06022	3	22,065,729	22,065,859	0	3	8	yes	
at_locus.06023	3	22,070,584	22,070,914	47	0	1	no	TE
at_locus.06024	3	22,071,164	22,071,653	4	0	2	no	TE
at_locus.06025	3	22,072,553	22,072,920	5	0	1	no	TE
at_locus.06026	3	22,073,402	22,073,545	2	0	4	no	TE
at_locus.06027	3	22,074,285	22,075,269	58	0	3	no	TE
at_locus.06028	3	22,124,031	22,124,621	13	0	0	yes	TE
at_locus.06029	3	22,125,170	22,125,920	17	1	19	yes	TE
at_locus.06030	3	22,126,119	22,126,714	7	0	0	yes	TE
at_locus.06031	3	22,130,261	22,130,573	6	0	0	no	TE
at_locus.06032	3	22,130,794	22,130,970	18	0	0	no	TE
at_locus.06033	3	22,131,199	22,131,412	13	1	0	no	TE
at_locus.06034	3	22,184,820	22,185,007	4	0	1	yes	
at_locus.06035	3	22,248,574	22,248,700	15	0	5	no	TE
at_locus.06036	3	22,252,526	22,252,672	1	3	5	no	
at_locus.06037	3	22,252,918	22,253,044	15	0	5	no	TE
at_locus.06038	3	22,381,249	22,381,622	10	0	0	yes	
at_locus.06039	3	22,383,067	22,383,921	9	0	2	yes	
at_locus.06040	3	22,389,225	22,389,255	14	0	0	yes	

at_locus.06041	3	22,396,601	22,396,795	17	1	1	no	
at_locus.06042	3	22,399,263	22,399,291	5	0	0	no	TE
at_locus.06043	3	22,401,011	22,401,205	17	1	1	no	
at_locus.06044	3	22,402,189	22,402,238	4	0	0	yes	
at_locus.06045	3	22,422,468	22,422,539	14	24	26	yes	
at_locus.06046	3	22,544,252	22,544,711	6	0	5	no	TE
at_locus.06047	3	22,579,898	22,580,378	6	0	1	no	
at_locus.06048	3	22,671,355	22,671,426	4	0	0	yes	TE
at_locus.06049	3	22,671,645	22,671,743	9	0	1	no	
at_locus.06050	3	22,672,523	22,672,564	4	0	1	no	TE
at_locus.06051	3	22,673,165	22,673,275	5	0	1	no	
at_locus.06052	3	22,706,578	22,707,247	57	0	2	no	TE
at_locus.06053	3	22,709,088	22,709,455	5	0	1	no	TE
at_locus.06054	3	22,710,284	22,710,329	0	0	6	no	TE
at_locus.06055	3	22,710,355	22,710,844	4	0	2	no	TE
at_locus.06056	3	22,711,094	22,711,424	54	0	1	no	TE
at_locus.06057	3	22,758,948	22,759,177	5	0	7	yes	
at_locus.06058	3	22,778,171	22,778,546	7	1	3	yes	TE
at_locus.06060	3	22,801,372	22,801,485	25	0	0	yes	TE
at_locus.06061	3	22,933,002	22,933,297	81	450	189	yes	
at_locus.06062	3	22,943,019	22,943,110	4	0	0	yes	
at_locus.06064	3	23,096,557	23,097,030	26	1	1	no	TE
at_locus.06065	3	23,119,875	23,120,029	4	1	1	yes	TE
at_locus.06066	3	23,121,402	23,121,666	4	0	0	yes	TE
at_locus.06067	3	23,126,345	23,126,799	12	1	2	yes	TE
at_locus.06068	3	23,128,374	23,128,511	4	0	2	yes	
at_locus.06070	3	23,417,152	23,417,241	87	281	140	yes	
at_locus.06072	4	41,669	41,708	9	0	0	yes	TE
at_locus.06073	4	50,432	50,461	11	0	2	no	TE
at_locus.06074	4	50,880	52,162	14	1	21	no	TE
at_locus.06075	4	58,191	58,431	14	23	27	yes	
at_locus.06076	4	68,743	68,848	4	0	0	yes	TE
at_locus.06077	4	77,116	77,609	17	0	1	yes	
at_locus.06078	4	79,927	80,041	9	0	1	yes	TE
at_locus.06079	4	179,017	179,188	4	0	0	yes	
at_locus.06080	4	236,683	236,863	12	0	3	yes	
at_locus.06081	4	272,722	273,226	188	2	111	yes	TE

at_locus.06082	4	273,655	273,875	5	0	1	yes	
at_locus.06083	4	297,963	298,018	9	0	1	yes	TE
at_locus.06084	4	298,252	298,785	13	0	1	yes	TE
at_locus.06085	4	312,675	312,713	5	0	1	yes	TE
at_locus.06086	4	313,098	313,673	15	0	1	no	TE
at_locus.06087	4	314,184	314,261	9	0	0	no	TE
at_locus.06088	4	369,855	370,101	9	96	52	yes	
at_locus.06089	4	371,057	371,606	21	0	1	no	TE
at_locus.06090	4	371,870	372,086	11	0	0	no	TE
at_locus.06091	4	375,892	375,982	4	0	0	yes	TE
at_locus.06092	4	378,851	379,052	12	0	0	no	
at_locus.06093	4	379,307	379,361	39	0	0	no	
at_locus.06094	4	410,957	410,997	15	0	0	yes	
at_locus.06095	4	413,958	413,996	4	0	0	no	
at_locus.06096	4	418,090	418,127	5	0	0	no	TE
at_locus.06097	4	422,085	422,193	1	4	0	no	
at_locus.06098	4	425,397	425,454	5	1	0	yes	TE
at_locus.06099	4	434,325	434,473	6	0	0	yes	
at_locus.06100	4	489,743	490,019	2	0	6	yes	
at_locus.06101	4	521,751	521,976	5	0	1	yes	
at_locus.06102	4	572,601	572,759	4	0	0	no	TE
at_locus.06103	4	581,849	581,981	14	0	0	yes	
at_locus.06104	4	595,313	595,515	9	0	0	yes	
at_locus.06105	4	618,058	618,433	5	1	1	yes	TE
at_locus.06106	4	630,812	630,916	7	0	0	yes	
at_locus.06107	4	636,750	636,820	7	0	0	yes	TE
at_locus.06108	4	650,300	650,506	5	0	1	yes	
at_locus.06109	4	667,548	667,781	5	0	1	yes	
at_locus.06110	4	683,213	683,762	10	0	1	yes	TE
at_locus.06111	4	684,066	684,356	10	0	1	no	TE
at_locus.06112	4	697,458	697,779	14	0	1	yes	TE
at_locus.06113	4	698,675	698,810	7	0	0	yes	TE
at_locus.06114	4	743,271	743,397	4	0	0	yes	
at_locus.06115	4	764,195	764,422	20	1	0	yes	TE
at_locus.06117	4	815,287	815,402	0	8	7	no	
at_locus.06118	4	823,588	823,633	13	0	0	no	TE
at_locus.06119	4	823,965	824,018	6	0	0	no	TE

at_locus.06120	4	848,768	848,973	4	0	0	yes	
at_locus.06121	4	862,430	862,677	0	0	8	yes	
at_locus.06122	4	869,240	869,503	4	0	1	yes	
at_locus.06123	4	875,669	875,973	11	0	1	no	
at_locus.06124	4	876,573	876,598	5	0	1	yes	TE
at_locus.06125	4	929,466	929,708	9	0	0	yes	TE
at_locus.06126	4	934,472	934,511	4	0	0	yes	
at_locus.06127	4	941,710	941,747	1	0	0	no	
at_locus.06128	4	963,676	963,883	35	3	0	no	TE
at_locus.06129	4	964,167	964,505	5	0	0	no	TE
at_locus.06130	4	964,745	965,279	36	0	1	no	TE
at_locus.06131	4	965,547	965,624	6	0	0	yes	TE
at_locus.06132	4	983,186	983,347	6	0	0	yes	
at_locus.06133	4	993,767	993,984	21	0	0	no	
at_locus.06134	4	999,922	1,000,760	78	6	1	no	TE
at_locus.06135	4	1,000,987	1,001,297	8	0	0	yes	TE
at_locus.06136	4	1,001,939	1,002,007	5	0	0	no	TE
at_locus.06137	4	1,018,798	1,019,114	3	0	0	no	TE
at_locus.06138	4	1,019,408	1,019,841	2	0	5	no	TE
at_locus.06139	4	1,020,211	1,020,514	1	0	5	no	TE
at_locus.06140	4	1,021,053	1,021,265	2	0	4	no	TE
at_locus.06141	4	1,026,901	1,027,360	19	0	21	yes	TE
at_locus.06142	4	1,063,638	1,063,716	44	0	0	no	
at_locus.06143	4	1,063,947	1,064,181	12	0	0	yes	
at_locus.06144	4	1,090,886	1,091,907	29	0	15	yes	TE
at_locus.06145	4	1,098,067	1,098,303	4	0	0	no	
at_locus.06146	4	1,116,622	1,116,913	25	2	1	yes	
at_locus.06147	4	1,141,936	1,142,930	12	1	16	yes	TE
at_locus.06148	4	1,198,715	1,198,914	11	0	0	no	TE
at_locus.06149	4	1,199,497	1,199,583	6	0	0	yes	TE
at_locus.06150	4	1,224,067	1,224,096	5	0	0	yes	
at_locus.06151	4	1,230,493	1,231,013	17	1	4	yes	TE
at_locus.06152	4	1,231,357	1,231,724	11	1	4	yes	TE
at_locus.06153	4	1,234,511	1,234,797	4	0	1	yes	TE
at_locus.06154	4	1,270,697	1,270,823	10	0	0	yes	TE
at_locus.06155	4	1,279,126	1,279,451	0	5	0	yes	
at_locus.06156	4	1,280,720	1,280,794	25	0	2	no	TE

at_locus.06157	4	1,281,061	1,281,213	7	0	1	yes	TE
at_locus.06158	4	1,281,707	1,282,685	28	0	6	yes	TE
at_locus.06159	4	1,288,505	1,288,635	5	0	3	yes	
at_locus.06160	4	1,289,766	1,290,006	6	0	4	yes	
at_locus.06161	4	1,302,810	1,302,890	7	0	0	no	TE
at_locus.06162	4	1,318,897	1,319,171	2	12	1	yes	
at_locus.06163	4	1,337,720	1,337,763	5	0	0	yes	
at_locus.06164	4	1,337,972	1,338,144	7	0	1	yes	
at_locus.06165	4	1,349,585	1,349,670	5	0	0	no	TE
at_locus.06166	4	1,350,278	1,350,590	11	2	0	no	TE
at_locus.06167	4	1,350,847	1,351,433	22	0	0	yes	TE
at_locus.06168	4	1,366,018	1,366,165	12	0	0	yes	
at_locus.06169	4	1,373,200	1,373,280	5	0	0	yes	
at_locus.06170	4	1,416,675	1,416,695	0	17	0	yes	
at_locus.06171	4	1,438,692	1,438,965	12	1	0	yes	
at_locus.06173	4	1,449,217	1,449,523	5	0	0	no	TE
at_locus.06174	4	1,450,475	1,450,998	11	0	14	no	TE
at_locus.06175	4	1,451,046	1,451,727	9	0	5	no	TE
at_locus.06176	4	1,455,203	1,455,598	7	0	5	no	TE
at_locus.06177	4	1,455,987	1,456,390	3	0	9	no	TE
at_locus.06178	4	1,457,593	1,457,870	1	0	5	yes	TE
at_locus.06179	4	1,458,178	1,458,394	4	0	1	no	TE
at_locus.06180	4	1,458,583	1,458,674	0	0	5	no	TE
at_locus.06181	4	1,462,510	1,462,821	2	0	7	no	TE
at_locus.06182	4	1,462,976	1,463,337	6	0	0	no	TE
at_locus.06183	4	1,472,830	1,473,012	4	11	2	no	
at_locus.06184	4	1,476,469	1,476,573	1	13	3	yes	
at_locus.06185	4	1,480,147	1,480,687	22	0	15	yes	TE
at_locus.06186	4	1,483,020	1,483,121	11	38	13	no	
at_locus.06187	4	1,485,097	1,485,243	0	0	4	yes	
at_locus.06188	4	1,485,497	1,485,973	26	0	17	yes	
at_locus.06189	4	1,487,417	1,487,515	10	0	1	yes	TE
at_locus.06190	4	1,488,415	1,488,577	8	0	0	yes	TE
at_locus.06191	4	1,509,098	1,509,136	5	0	0	yes	
at_locus.06193	4	1,521,308	1,521,815	36	1	0	no	TE
at_locus.06194	4	1,528,145	1,528,352	52	42	17	yes	
at_locus.06195	4	1,535,437	1,535,643	52	41	17	no	

at_locus.06196	4	1,568,629	1,568,885	6	0	0	yes	
at_locus.06197	4	1,593,380	1,593,541	0	0	4	yes	
at_locus.06198	4	1,593,967	1,594,943	3	0	19	yes	TE
at_locus.06199	4	1,595,447	1,595,812	11	1	8	yes	
at_locus.06200	4	1,596,067	1,599,099	101	3	85	yes	TE
at_locus.06201	4	1,599,641	1,599,920	18	1	16	yes	
at_locus.06202	4	1,600,390	1,600,801	1	0	5	yes	
at_locus.06203	4	1,618,226	1,624,332	157	3	143	yes	TE
at_locus.06204	4	1,626,712	1,626,849	0	0	4	no	TE
at_locus.06205	4	1,644,127	1,645,183	74	3	12	yes	TE
at_locus.06206	4	1,656,921	1,657,548	11	0	1	yes	TE
at_locus.06207	4	1,660,668	1,660,987	6	0	2	yes	TE
at_locus.06208	4	1,668,077	1,668,966	25	2	18	yes	TE
at_locus.06209	4	1,682,497	1,682,803	3	0	10	yes	TE
at_locus.06210	4	1,685,025	1,686,428	20	0	30	yes	TE
at_locus.06211	4	1,686,613	1,687,221	16	0	9	no	TE
at_locus.06212	4	1,687,626	1,690,303	58	3	52	yes	TE
at_locus.06213	4	1,691,092	1,691,699	4	0	11	no	TE
at_locus.06214	4	1,692,033	1,692,344	8	0	10	yes	TE
at_locus.06215	4	1,692,863	1,693,041	2	0	5	no	TE
at_locus.06216	4	1,693,341	1,695,425	25	3	35	yes	TE
at_locus.06217	4	1,695,809	1,696,078	2	0	5	no	TE
at_locus.06218	4	1,697,612	1,698,057	6	0	2	no	TE
at_locus.06219	4	1,699,236	1,699,487	2	0	4	no	TE
at_locus.06220	4	1,700,166	1,700,824	13	0	8	yes	TE
at_locus.06221	4	1,701,179	1,701,448	0	0	5	no	TE
at_locus.06222	4	1,702,125	1,702,864	15	0	9	yes	TE
at_locus.06223	4	1,704,082	1,704,802	12	0	10	no	TE
at_locus.06224	4	1,705,046	1,705,315	2	0	5	no	TE
at_locus.06225	4	1,705,992	1,706,731	17	0	16	no	TE
at_locus.06226	4	1,707,938	1,708,687	17	0	16	no	TE
at_locus.06227	4	1,708,952	1,709,221	2	0	5	no	TE
at_locus.06228	4	1,709,444	1,709,666	2	0	4	no	TE
at_locus.06229	4	1,709,898	1,710,693	17	0	15	yes	TE
at_locus.06230	4	1,711,404	1,711,626	3	0	4	no	TE
at_locus.06231	4	1,711,990	1,712,631	17	0	13	yes	TE
at_locus.06232	4	1,712,849	1,713,118	3	0	6	no	TE

at_locus.06233	4	1,713,315	1,713,563	4	0	4	yes	TE
at_locus.06234	4	1,713,795	1,714,579	15	0	7	yes	TE
at_locus.06235	4	1,714,798	1,715,067	3	0	6	no	TE
at_locus.06236	4	1,715,800	1,716,482	8	0	10	no	TE
at_locus.06237	4	1,716,746	1,717,015	2	0	6	no	TE
at_locus.06238	4	1,717,748	1,718,339	8	0	9	no	TE
at_locus.06239	4	1,718,694	1,718,963	2	0	5	no	TE
at_locus.06240	4	1,719,186	1,719,408	3	0	4	no	TE
at_locus.06241	4	1,719,696	1,720,379	17	0	16	no	TE
at_locus.06242	4	1,720,672	1,720,912	2	0	5	no	TE
at_locus.06243	4	1,721,589	1,722,236	10	0	10	no	TE
at_locus.06244	4	1,722,541	1,722,860	2	0	6	no	TE
at_locus.06245	4	1,723,537	1,724,275	11	0	16	no	TE
at_locus.06246	4	1,724,539	1,724,807	2	0	5	no	TE
at_locus.06247	4	1,725,030	1,725,252	3	0	4	no	TE
at_locus.06248	4	1,725,484	1,726,130	14	0	14	no	TE
at_locus.06249	4	1,726,435	1,726,754	2	0	4	no	TE
at_locus.06250	4	1,726,977	1,727,199	3	0	4	no	TE
at_locus.06251	4	1,727,431	1,728,407	14	0	13	yes	TE
at_locus.06252	4	1,728,622	1,729,038	6	0	6	no	TE
at_locus.06253	4	1,729,380	1,730,119	11	0	9	no	TE
at_locus.06254	4	1,730,383	1,730,652	1	0	4	no	TE
at_locus.06255	4	1,731,327	1,732,063	13	0	15	yes	TE
at_locus.06256	4	1,732,327	1,732,596	2	0	4	no	TE
at_locus.06257	4	1,733,273	1,734,141	14	0	15	no	TE
at_locus.06258	4	1,734,240	1,734,844	4	0	6	no	TE
at_locus.06259	4	1,735,187	1,736,055	13	0	7	no	TE
at_locus.06260	4	1,737,098	1,737,967	13	0	16	no	TE
at_locus.06261	4	1,738,066	1,738,335	2	0	5	no	TE
at_locus.06262	4	1,739,004	1,739,729	9	0	13	no	TE
at_locus.06263	4	1,739,957	1,740,226	3	0	5	no	TE
at_locus.06264	4	1,740,903	1,741,086	4	0	1	no	TE
at_locus.06265	4	1,741,327	1,741,514	5	0	1	no	TE
at_locus.06266	4	1,742,906	1,743,237	4	0	0	no	TE
at_locus.06267	4	1,757,141	1,757,338	5	0	0	yes	
at_locus.06268	4	1,763,915	1,764,432	4	0	6	no	TE
at_locus.06269	4	1,776,102	1,776,129	5	0	0	yes	

at_locus.06270	4	1,777,284	1,777,364	8	0	1	no	TE
at_locus.06271	4	1,786,699	1,787,853	7	0	19	no	TE
at_locus.06272	4	1,788,515	1,788,843	1	0	4	no	TE
at_locus.06273	4	1,789,050	1,789,311	2	0	6	no	TE
at_locus.06274	4	1,795,095	1,795,179	5	0	1	yes	TE
at_locus.06275	4	1,796,245	1,797,086	22	2	15	yes	TE
at_locus.06276	4	1,797,376	1,797,585	1	0	4	no	TE
at_locus.06277	4	1,798,606	1,798,785	2	0	4	yes	TE
at_locus.06278	4	1,801,606	1,803,071	27	1	25	yes	TE
at_locus.06279	4	1,803,804	1,804,521	15	2	15	no	TE
at_locus.06280	4	1,806,023	1,806,427	2	0	4	no	TE
at_locus.06281	4	1,807,884	1,808,301	14	1	7	yes	TE
at_locus.06282	4	1,808,523	1,809,112	14	1	23	yes	TE
at_locus.06283	4	1,809,252	1,809,842	7	1	11	no	TE
at_locus.06284	4	1,810,207	1,810,404	5	0	8	no	TE
at_locus.06285	4	1,810,872	1,811,264	1	0	5	yes	TE
at_locus.06286	4	1,811,775	1,812,954	12	0	17	no	TE
at_locus.06287	4	1,825,758	1,826,124	1	0	8	no	TE
at_locus.06288	4	1,839,937	1,840,205	6	0	0	no	TE
at_locus.06289	4	1,842,014	1,842,225	4	0	1	no	TE
at_locus.06290	4	1,843,423	1,844,133	6	0	5	no	TE
at_locus.06291	4	1,844,387	1,844,825	0	0	4	no	TE
at_locus.06292	4	1,845,060	1,845,461	4	0	6	no	TE
at_locus.06293	4	1,845,812	1,845,890	6	0	1	no	TE
at_locus.06294	4	1,856,848	1,856,921	0	0	5	yes	TE
at_locus.06295	4	1,861,794	1,862,013	6	0	1	yes	TE
at_locus.06296	4	1,866,876	1,867,878	7	0	6	yes	TE
at_locus.06297	4	1,872,090	1,872,126	4	0	0	yes	
at_locus.06298	4	1,875,522	1,875,592	6	0	0	no	TE
at_locus.06299	4	1,881,621	1,882,076	5	0	4	no	TE
at_locus.06300	4	1,899,094	1,899,130	5	0	0	no	TE
at_locus.06301	4	1,909,850	1,910,090	23	0	18	no	TE
at_locus.06302	4	1,910,317	1,910,786	8	0	4	no	TE
at_locus.06303	4	1,912,394	1,912,655	4	0	2	no	TE
at_locus.06304	4	1,915,173	1,915,300	5	0	1	no	TE
at_locus.06305	4	1,915,424	1,916,465	9	0	13	yes	TE
at_locus.06306	4	1,919,418	1,919,446	6	0	0	no	TE



at_locus.06307	4	1,920,754	1,921,066	2	0	4	yes	TE
at_locus.06308	4	1,925,670	1,925,885	6	0	1	no	TE
at_locus.06309	4	1,926,198	1,926,602	4	1	2	no	TE
at_locus.06310	4	1,927,891	1,928,255	1	0	4	no	TE
at_locus.06311	4	1,929,283	1,929,535	5	0	5	no	TE
at_locus.06312	4	1,930,119	1,931,091	16	1	24	yes	TE
at_locus.06313	4	1,957,675	1,957,699	4	0	0	no	TE
at_locus.06314	4	1,958,786	1,959,456	10	0	1	yes	
at_locus.06315	4	1,994,520	1,994,678	4	0	0	yes	TE
at_locus.06316	4	1,995,304	1,995,791	1	0	6	yes	
at_locus.06317	4	2,000,180	2,000,534	4	0	4	no	TE
at_locus.06318	4	2,020,272	2,020,299	4	0	0	yes	
at_locus.06319	4	2,038,743	2,039,248	3	0	4	no	TE
at_locus.06320	4	2,039,940	2,040,151	6	0	0	yes	TE
at_locus.06321	4	2,042,361	2,042,494	4	0	0	yes	
at_locus.06322	4	2,047,028	2,047,523	11	0	3	yes	
at_locus.06323	4	2,047,728	2,048,133	8	0	0	yes	
at_locus.06324	4	2,051,038	2,051,373	11	0	0	yes	TE
at_locus.06325	4	2,053,612	2,053,853	4	0	3	yes	TE
at_locus.06326	4	2,062,325	2,062,604	2	0	4	no	TE
at_locus.06327	4	2,062,869	2,062,930	0	0	5	no	TE
at_locus.06328	4	2,071,766	2,071,928	12	0	2	yes	TE
at_locus.06329	4	2,072,034	2,072,258	1	0	5	yes	TE
at_locus.06330	4	2,072,821	2,072,870	5	0	0	no	TE
at_locus.06331	4	2,073,055	2,073,970	73	7	84	yes	TE
at_locus.06332	4	2,074,621	2,075,352	8	0	6	yes	
at_locus.06333	4	2,075,588	2,076,457	9	0	38	yes	
at_locus.06334	4	2,076,838	2,077,563	16	0	21	yes	TE
at_locus.06335	4	2,080,114	2,080,534	5	0	4	yes	
at_locus.06336	4	2,093,596	2,093,812	6	0	1	no	TE
at_locus.06337	4	2,095,090	2,095,305	4	0	3	yes	TE
at_locus.06338	4	2,096,835	2,097,188	5	1	0	yes	TE
at_locus.06339	4	2,104,663	2,104,928	0	0	4	yes	TE
at_locus.06340	4	2,120,759	2,120,924	9	0	1	yes	TE
at_locus.06341	4	2,161,816	2,161,856	1	1	4	no	TE
at_locus.06342	4	2,163,504	2,163,589	3	0	7	no	TE
at_locus.06343	4	2,169,121	2,169,225	12	0	2	no	TE

at_locus.06344	4	2,169,521	2,169,653	14	0	0	no	TE
at_locus.06345	4	2,170,629	2,170,715	0	0	5	yes	
at_locus.06346	4	2,175,343	2,175,741	5	0	1	yes	TE
at_locus.06347	4	2,186,141	2,186,618	4	0	5	yes	
at_locus.06348	4	2,198,490	2,199,163	5	0	8	yes	TE
at_locus.06349	4	2,200,946	2,201,233	0	0	4	no	TE
at_locus.06350	4	2,203,769	2,203,973	3	0	4	no	TE
at_locus.06351	4	2,209,090	2,209,196	0	0	4	no	TE
at_locus.06352	4	2,236,215	2,237,032	10	0	13	yes	TE
at_locus.06353	4	2,244,770	2,245,121	4	0	1	yes	TE
at_locus.06354	4	2,251,322	2,251,348	0	0	4	yes	TE
at_locus.06355	4	2,251,856	2,252,238	1	0	5	yes	TE
at_locus.06356	4	2,258,318	2,258,485	11	0	0	yes	TE
at_locus.06357	4	2,261,737	2,261,893	9	0	0	no	TE
at_locus.06358	4	2,288,670	2,288,851	8	0	0	yes	TE
at_locus.06359	4	2,292,265	2,292,472	4	0	0	no	TE
at_locus.06360	4	2,298,392	2,298,746	4	0	0	no	TE
at_locus.06361	4	2,311,247	2,311,279	4	0	0	yes	
at_locus.06362	4	2,313,442	2,313,513	4	0	0	no	
at_locus.06363	4	2,316,112	2,316,251	4	0	0	no	TE
at_locus.06364	4	2,317,853	2,318,159	4	0	2	yes	
at_locus.06365	4	2,323,379	2,323,790	9	0	0	yes	TE
at_locus.06366	4	2,335,187	2,335,509	22	0	1	no	
at_locus.06367	4	2,339,584	2,340,053	10	0	17	yes	
at_locus.06368	4	2,340,547	2,341,163	9	0	3	yes	TE
at_locus.06369	4	2,342,177	2,342,201	4	0	1	no	TE
at_locus.06370	4	2,346,072	2,347,191	11	4	10	yes	TE
at_locus.06371	4	2,355,764	2,356,034	5	0	4	yes	
at_locus.06372	4	2,359,289	2,359,366	0	0	4	yes	TE
at_locus.06373	4	2,361,830	2,362,094	5	0	0	yes	TE
at_locus.06374	4	2,362,114	2,363,316	25	1	19	yes	TE
at_locus.06375	4	2,366,491	2,366,519	0	0	4	yes	
at_locus.06376	4	2,366,718	2,367,122	7	0	3	yes	
at_locus.06377	4	2,379,558	2,379,979	50	1	31	yes	
at_locus.06378	4	2,380,551	2,380,755	7	0	1	yes	
at_locus.06379	4	2,399,665	2,399,697	8	0	0	yes	
at_locus.06380	4	2,400,835	2,400,861	4	1	0	yes	

at_locus.06381	4	2,401,598	2,401,799	7	0	10	yes	
at_locus.06382	4	2,409,406	2,410,053	57	2	19	yes	
at_locus.06383	4	2,430,734	2,431,465	23	0	3	yes	TE
at_locus.06384	4	2,431,690	2,432,067	26	0	2	yes	TE
at_locus.06385	4	2,450,365	2,450,396	4	0	0	yes	TE
at_locus.06386	4	2,470,185	2,470,376	5	0	0	no	TE
at_locus.06387	4	2,496,606	2,496,818	9	0	0	no	TE
at_locus.06388	4	2,508,694	2,508,920	12	0	0	yes	TE
at_locus.06389	4	2,520,882	2,521,672	38	0	38	yes	TE
at_locus.06390	4	2,526,748	2,527,487	41	1	31	yes	
at_locus.06391	4	2,532,123	2,532,285	4	0	0	yes	
at_locus.06392	4	2,553,594	2,553,932	14	0	0	no	TE
at_locus.06393	4	2,554,526	2,554,633	7	0	1	yes	TE
at_locus.06394	4	2,559,216	2,561,847	463	5	282	yes	TE
at_locus.06395	4	2,562,073	2,562,109	5	1	1	yes	
at_locus.06396	4	2,592,445	2,592,749	12	0	0	no	
at_locus.06397	4	2,594,973	2,595,273	17	0	0	yes	TE
at_locus.06398	4	2,602,432	2,602,628	0	0	4	yes	
at_locus.06399	4	2,604,716	2,605,013	7	0	4	yes	TE
at_locus.06400	4	2,605,427	2,606,121	17	3	1	yes	TE
at_locus.06401	4	2,606,650	2,606,862	4	0	0	no	
at_locus.06402	4	2,636,328	2,636,410	6	0	0	yes	
at_locus.06403	4	2,639,703	2,640,376	22	0	9	yes	TE
at_locus.06404	4	2,645,661	2,646,227	0	0	7	yes	TE
at_locus.06405	4	2,648,290	2,648,315	4	0	3	no	TE
at_locus.06406	4	2,650,669	2,650,832	6	0	1	yes	TE
at_locus.06407	4	2,663,925	2,664,187	60	1	2	yes	TE
at_locus.06408	4	2,670,138	2,670,241	4	0	0	yes	TE
at_locus.06409	4	2,674,069	2,674,467	6	0	1	no	TE
at_locus.06410	4	2,692,696	2,692,747	4	0	0	yes	
at_locus.06411	4	2,697,375	2,697,850	15	0	11	no	TE
at_locus.06412	4	2,698,079	2,698,120	0	0	12	no	TE
at_locus.06413	4	2,698,447	2,698,849	5	0	5	no	TE
at_locus.06414	4	2,699,189	2,699,315	1	0	4	yes	TE
at_locus.06415	4	2,700,813	2,701,281	1	0	9	yes	TE
at_locus.06416	4	2,701,518	2,701,645	5	0	1	no	TE
at_locus.06417	4	2,702,034	2,702,437	2	0	9	no	TE

at_locus.06418	4	2,703,565	2,704,036	0	1	7	no	TE
at_locus.06419	4	2,704,242	2,704,952	2	0	9	no	TE
at_locus.06420	4	2,706,382	2,708,393	28	2	24	yes	TE
at_locus.06421	4	2,708,810	2,709,158	5	1	4	yes	TE
at_locus.06422	4	2,709,304	2,709,626	4	0	5	no	TE
at_locus.06423	4	2,709,799	2,710,067	4	0	1	no	TE
at_locus.06424	4	2,711,020	2,712,267	8	0	19	yes	TE
at_locus.06425	4	2,712,717	2,712,998	8	0	5	no	TE
at_locus.06426	4	2,713,187	2,713,480	4	0	13	no	TE
at_locus.06427	4	2,713,914	2,714,156	19	0	0	yes	TE
at_locus.06428	4	2,718,694	2,719,017	0	5	0	yes	
at_locus.06429	4	2,725,421	2,725,691	6	0	1	yes	
at_locus.06430	4	2,730,684	2,730,910	5	0	0	no	
at_locus.06431	4	2,732,916	2,733,095	4	0	2	yes	
at_locus.06432	4	2,735,169	2,735,757	10	1	0	yes	TE
at_locus.06433	4	2,756,074	2,756,456	11	0	2	yes	
at_locus.06434	4	2,763,146	2,763,494	1	1	8	yes	
at_locus.06435	4	2,773,519	2,773,985	10	0	1	yes	
at_locus.06436	4	2,774,797	2,774,900	4	0	2	yes	
at_locus.06437	4	2,775,652	2,775,749	2	0	6	yes	
at_locus.06438	4	2,789,599	2,789,755	15	0	0	no	TE
at_locus.06439	4	2,793,484	2,793,629	11	2	3	no	TE
at_locus.06440	4	2,797,326	2,797,476	4	0	6	yes	TE
at_locus.06441	4	2,798,399	2,799,176	19	0	4	yes	TE
at_locus.06442	4	2,800,219	2,800,694	4	0	4	yes	TE
at_locus.06443	4	2,803,079	2,803,166	0	0	4	yes	TE
at_locus.06444	4	2,809,182	2,809,846	45	0	3	yes	TE
at_locus.06445	4	2,810,327	2,810,685	4	0	9	yes	
at_locus.06446	4	2,813,405	2,813,567	7	0	1	yes	
at_locus.06447	4	2,814,121	2,814,487	0	0	7	yes	
at_locus.06448	4	2,814,715	2,815,799	62	7	29	yes	
at_locus.06449	4	2,829,434	2,830,011	8	0	13	no	TE
at_locus.06450	4	2,831,198	2,831,748	15	3	19	no	TE
at_locus.06451	4	2,832,332	2,832,741	7	1	8	no	TE
at_locus.06452	4	2,833,182	2,834,149	12	0	8	no	TE
at_locus.06453	4	2,834,374	2,834,617	2	0	8	yes	TE
at_locus.06454	4	2,834,767	2,836,334	15	0	25	yes	TE

at_locus.06455	4	2,836,681	2,836,894	7	0	11	no	TE
at_locus.06456	4	2,837,344	2,839,528	24	2	37	no	TE
at_locus.06457	4	2,856,547	2,856,817	1	0	5	yes	TE
at_locus.06458	4	2,860,522	2,861,801	28	0	25	yes	TE
at_locus.06459	4	2,862,518	2,862,763	0	0	4	yes	TE
at_locus.06460	4	2,865,229	2,866,404	54	0	42	yes	TE
at_locus.06461	4	2,867,214	2,868,332	48	2	15	yes	TE
at_locus.06462	4	2,868,553	2,868,927	6	0	1	no	TE
at_locus.06463	4	2,869,728	2,870,894	16	0	32	no	TE
at_locus.06464	4	2,871,128	2,871,892	3	0	12	yes	TE
at_locus.06465	4	2,872,130	2,873,973	23	0	47	yes	TE
at_locus.06466	4	2,874,255	2,874,592	4	0	13	no	TE
at_locus.06467	4	2,874,894	2,875,325	43	2	5	no	TE
at_locus.06468	4	2,887,204	2,887,401	4	0	0	yes	TE
at_locus.06469	4	2,890,685	2,891,767	9	0	14	yes	TE
at_locus.06470	4	2,891,918	2,892,001	8	3	4	no	TE
at_locus.06471	4	2,892,256	2,893,197	7	0	14	yes	TE
at_locus.06472	4	2,893,514	2,893,704	0	0	5	yes	TE
at_locus.06473	4	2,894,646	2,894,724	1	0	4	yes	TE
at_locus.06474	4	2,896,605	2,897,333	7	1	8	yes	TE
at_locus.06475	4	2,897,579	2,898,054	2	0	5	yes	TE
at_locus.06476	4	2,898,330	2,898,660	4	0	4	no	TE
at_locus.06477	4	2,899,058	2,899,488	8	0	5	no	TE
at_locus.06478	4	2,912,914	2,914,036	7	1	8	no	TE
at_locus.06479	4	2,916,668	2,916,839	1	0	4	yes	TE
at_locus.06480	4	2,918,195	2,918,307	4	0	1	no	TE
at_locus.06481	4	2,919,333	2,919,389	3	1	5	no	TE
at_locus.06482	4	2,919,719	2,919,920	3	1	4	no	TE
at_locus.06483	4	2,920,579	2,920,635	2	1	5	no	TE
at_locus.06484	4	2,921,149	2,921,171	3	1	4	no	TE
at_locus.06485	4	2,921,532	2,921,884	3	1	7	no	TE
at_locus.06486	4	2,922,212	2,922,418	5	2	7	no	TE
at_locus.06487	4	2,922,719	2,922,775	3	1	5	no	TE
at_locus.06488	4	2,923,638	2,923,843	3	1	4	no	TE
at_locus.06489	4	2,924,142	2,924,198	3	1	5	no	TE
at_locus.06490	4	2,925,060	2,925,266	3	1	4	no	TE
at_locus.06491	4	2,925,565	2,925,621	3	1	5	no	TE

at_locus.06492	4	2,926,099	2,926,155	3	1	5	no	TE
at_locus.06493	4	2,926,484	2,926,689	3	1	4	no	TE
at_locus.06494	4	2,927,166	2,927,222	3	1	5	no	TE
at_locus.06495	4	2,927,550	2,927,933	3	1	5	no	TE
at_locus.06496	4	2,928,360	2,928,465	3	1	6	no	TE
at_locus.06497	4	2,928,794	2,928,998	3	2	4	no	TE
at_locus.06498	4	2,929,477	2,929,533	3	1	5	no	TE
at_locus.06499	4	2,929,894	2,930,067	3	1	7	no	TE
at_locus.06500	4	2,930,396	2,930,600	3	2	4	no	TE
at_locus.06501	4	2,931,079	2,931,135	3	1	5	no	TE
at_locus.06502	4	2,931,496	2,931,669	3	1	7	no	TE
at_locus.06503	4	2,931,998	2,932,202	3	2	4	no	TE
at_locus.06504	4	2,932,681	2,932,737	3	1	5	no	TE
at_locus.06505	4	2,933,098	2,933,271	3	1	7	no	TE
at_locus.06506	4	2,933,600	2,933,804	3	2	4	no	TE
at_locus.06507	4	2,934,283	2,934,339	3	1	5	no	TE
at_locus.06508	4	2,934,700	2,934,873	3	1	7	no	TE
at_locus.06509	4	2,935,202	2,935,406	3	2	4	no	TE
at_locus.06510	4	2,935,885	2,935,941	3	1	5	no	TE
at_locus.06511	4	2,936,302	2,936,653	3	2	7	no	TE
at_locus.06512	4	2,936,950	2,937,006	3	1	5	no	TE
at_locus.06513	4	2,937,435	2,937,540	3	1	6	no	TE
at_locus.06514	4	2,937,869	2,938,075	3	1	4	no	TE
at_locus.06515	4	2,938,408	2,938,430	3	1	4	no	TE
at_locus.06516	4	2,938,859	2,938,964	3	1	6	no	TE
at_locus.06517	4	2,939,293	2,939,501	4	1	6	no	TE
at_locus.06518	4	2,939,881	2,940,165	3	1	6	no	TE
at_locus.06519	4	2,941,031	2,941,053	3	1	4	no	TE
at_locus.06520	4	2,941,531	2,941,587	3	1	5	no	TE
at_locus.06521	4	2,942,016	2,942,121	3	1	6	no	TE
at_locus.06522	4	2,942,449	2,942,654	3	1	4	no	TE
at_locus.06523	4	2,942,953	2,943,009	3	1	5	no	TE
at_locus.06524	4	2,943,438	2,943,543	3	1	6	no	TE
at_locus.06525	4	2,943,872	2,944,080	4	1	6	no	TE
at_locus.06526	4	2,944,505	2,944,610	3	1	6	no	TE
at_locus.06527	4	2,944,938	2,945,236	4	1	4	no	TE
at_locus.06528	4	2,945,442	2,945,498	3	1	5	no	TE

at_locus.06529	4	2,945,927	2,946,032	3	1	6	no	TE
at_locus.06530	4	2,946,895	2,947,101	3	1	4	no	TE
at_locus.06531	4	2,947,400	2,947,456	3	1	5	no	TE
at_locus.06532	4	2,947,885	2,947,990	3	1	6	no	TE
at_locus.06533	4	2,948,319	2,948,524	3	1	4	no	TE
at_locus.06534	4	2,949,001	2,949,057	3	1	5	no	TE
at_locus.06535	4	2,949,385	2,949,590	3	1	4	no	TE
at_locus.06536	4	2,950,374	2,950,479	3	1	6	no	TE
at_locus.06537	4	2,950,807	2,951,012	3	1	4	no	TE
at_locus.06538	4	2,951,311	2,951,367	3	1	5	no	TE
at_locus.06539	4	2,951,796	2,951,901	3	1	6	no	TE
at_locus.06540	4	2,952,229	2,952,434	3	1	4	no	TE
at_locus.06541	4	2,952,733	2,952,789	3	1	5	no	TE
at_locus.06542	4	2,953,445	2,953,501	3	1	5	no	TE
at_locus.06543	4	2,954,542	2,954,747	3	1	5	no	TE
at_locus.06544	4	2,955,175	2,955,636	3	1	6	no	TE
at_locus.06545	4	2,956,064	2,956,169	3	1	6	no	TE
at_locus.06546	4	2,956,498	2,956,703	3	1	4	no	TE
at_locus.06547	4	2,957,359	2,957,415	3	1	5	no	TE
at_locus.06548	4	2,958,460	2,958,482	3	1	4	no	TE
at_locus.06549	4	2,958,731	2,959,017	4	1	4	no	TE
at_locus.06550	4	2,959,615	2,959,720	3	1	5	no	TE
at_locus.06551	4	2,960,232	2,960,254	3	1	4	no	TE
at_locus.06552	4	2,960,838	2,960,966	3	1	6	yes	TE
at_locus.06553	4	2,961,300	2,961,322	3	1	4	no	TE
at_locus.06554	4	2,962,007	2,962,212	3	1	4	no	TE
at_locus.06555	4	2,962,640	2,962,924	3	1	6	no	TE
at_locus.06556	4	2,963,786	2,963,992	3	1	4	no	TE
at_locus.06557	4	2,964,243	2,964,525	3	1	8	no	TE
at_locus.06558	4	2,964,854	2,965,353	3	1	5	no	TE
at_locus.06559	4	2,965,599	2,965,673	10	0	0	no	
at_locus.06560	4	2,965,977	2,966,357	3	1	4	no	TE
at_locus.06561	4	2,967,035	2,967,513	6	1	7	no	TE
at_locus.06562	4	2,967,763	2,968,319	2	1	7	no	TE
at_locus.06563	4	2,968,628	2,969,065	13	0	3	no	TE
at_locus.06564	4	2,972,131	2,972,555	4	0	5	no	TE
at_locus.06565	4	2,975,509	2,976,047	17	0	4	no	TE

at_locus.06566	4	2,977,244	2,977,445	2	1	4	no	TE
at_locus.06567	4	2,977,712	2,977,768	3	1	5	no	TE
at_locus.06568	4	2,978,458	2,978,480	3	1	4	no	TE
at_locus.06569	4	2,981,493	2,981,698	3	1	5	no	TE
at_locus.06570	4	2,987,151	2,987,216	12	0	0	no	TE
at_locus.06571	4	3,004,735	3,004,942	1	0	4	no	TE
at_locus.06572	4	3,009,742	3,009,887	4	0	8	no	TE
at_locus.06573	4	3,010,634	3,010,958	0	0	5	no	TE
at_locus.06574	4	3,012,129	3,013,756	24	2	21	no	TE
at_locus.06575	4	3,014,029	3,015,846	56	0	51	yes	TE
at_locus.06576	4	3,017,014	3,017,313	1	0	12	no	TE
at_locus.06577	4	3,017,503	3,017,723	4	0	2	no	TE
at_locus.06578	4	3,021,127	3,022,289	22	0	27	yes	TE
at_locus.06579	4	3,022,553	3,023,622	22	0	14	no	TE
at_locus.06580	4	3,023,916	3,024,882	32	0	30	no	TE
at_locus.06581	4	3,025,927	3,026,359	5	2	8	no	TE
at_locus.06582	4	3,026,823	3,026,962	2	1	6	no	TE
at_locus.06583	4	3,027,356	3,027,495	2	1	5	no	TE
at_locus.06584	4	3,028,624	3,029,306	3	1	5	no	TE
at_locus.06585	4	3,029,514	3,029,545	3	2	5	no	TE
at_locus.06586	4	3,029,768	3,030,089	5	1	4	no	TE
at_locus.06587	4	3,033,933	3,034,059	8	1	7	no	TE
at_locus.06588	4	3,034,700	3,034,722	3	1	4	no	TE
at_locus.06589	4	3,035,565	3,035,587	2	1	4	no	TE
at_locus.06590	4	3,035,921	3,036,060	2	0	5	no	TE
at_locus.06591	4	3,038,970	3,039,171	3	1	4	no	TE
at_locus.06592	4	3,040,248	3,040,270	3	1	4	no	TE
at_locus.06593	4	3,040,780	3,040,802	2	1	4	no	TE
at_locus.06594	4	3,042,370	3,042,392	3	1	4	no	TE
at_locus.06595	4	3,043,260	3,043,630	1	1	5	no	TE
at_locus.06596	4	3,044,149	3,044,519	2	1	5	no	TE
at_locus.06597	4	3,045,392	3,045,514	4	1	5	no	TE
at_locus.06598	4	3,045,927	3,046,123	2	1	4	no	TE
at_locus.06599	4	3,046,461	3,046,658	2	1	4	no	TE
at_locus.06600	4	3,047,173	3,047,195	3	1	4	no	TE
at_locus.06601	4	3,047,707	3,047,900	3	1	5	no	TE
at_locus.06602	4	3,048,507	3,048,944	1	0	8	no	TE



at_locus.06603	4	3,054,303	3,061,548	272	280	263	no	
at_locus.06604	4	3,073,796	3,074,165	9	0	8	no	TE
at_locus.06605	4	3,077,065	3,077,436	4	0	0	no	TE
at_locus.06606	4	3,077,696	3,078,001	4	0	0	no	TE
at_locus.06607	4	3,079,466	3,079,646	0	0	4	no	TE
at_locus.06608	4	3,083,387	3,083,460	7	0	6	no	TE
at_locus.06609	4	3,085,898	3,086,269	0	0	5	yes	TE
at_locus.06610	4	3,087,171	3,088,294	13	1	20	no	TE
at_locus.06611	4	3,088,555	3,089,275	15	1	10	no	TE
at_locus.06612	4	3,089,705	3,089,979	4	0	5	no	TE
at_locus.06613	4	3,090,268	3,090,970	10	0	18	yes	TE
at_locus.06614	4	3,091,028	3,092,298	42	4	28	yes	TE
at_locus.06615	4	3,094,238	3,094,594	5	0	0	no	TE
at_locus.06616	4	3,094,813	3,095,253	5	1	11	yes	TE
at_locus.06617	4	3,095,669	3,095,928	1	0	4	no	TE
at_locus.06618	4	3,096,153	3,097,304	16	1	18	no	TE
at_locus.06619	4	3,098,074	3,098,099	1	0	5	no	TE
at_locus.06620	4	3,098,379	3,099,251	14	1	22	no	TE
at_locus.06621	4	3,108,718	3,109,198	0	0	4	no	TE
at_locus.06622	4	3,112,743	3,112,913	4	0	2	no	TE
at_locus.06623	4	3,125,609	3,126,306	7	3	9	no	TE
at_locus.06624	4	3,126,712	3,127,400	14	0	10	no	TE
at_locus.06625	4	3,128,249	3,128,982	3	4	12	no	TE
at_locus.06626	4	3,132,993	3,133,070	7	0	1	no	TE
at_locus.06627	4	3,133,896	3,134,830	13	1	9	no	TE
at_locus.06628	4	3,137,595	3,137,762	1	0	4	no	TE
at_locus.06629	4	3,148,375	3,148,513	5	0	5	no	TE
at_locus.06630	4	3,148,874	3,149,161	4	0	7	no	TE
at_locus.06631	4	3,152,377	3,152,438	0	0	5	no	TE
at_locus.06632	4	3,156,679	3,156,873	0	0	4	no	TE
at_locus.06633	4	3,162,648	3,162,864	3	0	1	no	TE
at_locus.06634	4	3,173,398	3,174,254	8	0	17	no	TE
at_locus.06635	4	3,174,469	3,175,460	16	1	19	no	TE
at_locus.06636	4	3,175,868	3,176,079	4	0	7	no	TE
at_locus.06637	4	3,176,457	3,177,213	4	1	17	no	TE
at_locus.06638	4	3,177,271	3,178,532	39	3	37	yes	TE
at_locus.06639	4	3,179,737	3,179,916	7	0	5	no	TE

at_locus.06640	4	3,180,556	3,180,888	10	0	6	no	TE
at_locus.06641	4	3,181,054	3,182,811	17	1	36	yes	TE
at_locus.06642	4	3,183,052	3,183,522	6	0	12	no	TE
at_locus.06643	4	3,183,725	3,183,787	5	0	5	no	TE
at_locus.06644	4	3,184,015	3,184,588	3	0	6	yes	TE
at_locus.06645	4	3,194,449	3,194,471	3	1	4	no	TE
at_locus.06646	4	3,197,028	3,197,050	3	1	4	no	TE
at_locus.06647	4	3,199,276	3,199,584	4	1	4	no	TE
at_locus.06648	4	3,217,394	3,217,416	3	1	4	no	TE
at_locus.06649	4	3,219,630	3,219,784	4	1	4	no	TE
at_locus.06650	4	3,222,041	3,222,140	3	0	0	no	
at_locus.06651	4	3,223,378	3,223,400	3	1	4	no	TE
at_locus.06652	4	3,228,273	3,228,295	3	1	4	no	TE
at_locus.06653	4	3,230,275	3,230,500	3	0	0	no	
at_locus.06654	4	3,233,114	3,233,136	3	1	4	no	TE
at_locus.06655	4	3,235,672	3,235,694	3	1	4	no	TE
at_locus.06656	4	3,239,846	3,239,868	3	1	4	no	TE
at_locus.06657	4	3,241,876	3,242,101	3	0	0	no	
at_locus.06658	4	3,244,743	3,244,765	3	1	4	no	TE
at_locus.06659	4	3,246,773	3,246,998	3	0	0	no	
at_locus.06660	4	3,249,612	3,249,634	3	1	4	no	TE
at_locus.06661	4	3,254,480	3,254,502	3	1	4	no	TE
at_locus.06662	4	3,257,015	3,257,037	3	1	4	no	TE
at_locus.06663	4	3,259,607	3,259,629	3	1	4	no	TE
at_locus.06664	4	3,260,621	3,260,643	3	1	4	no	TE
at_locus.06665	4	3,262,934	3,263,019	3	0	0	no	
at_locus.06666	4	3,263,297	3,263,726	0	0	7	no	TE
at_locus.06667	4	3,263,803	3,264,240	11	0	11	no	TE
at_locus.06668	4	3,264,447	3,265,268	12	1	19	no	TE
at_locus.06669	4	3,267,530	3,267,726	4	0	6	no	TE
at_locus.06670	4	3,268,620	3,269,210	15	0	9	no	TE
at_locus.06671	4	3,270,015	3,270,575	11	3	8	no	TE
at_locus.06672	4	3,273,067	3,273,203	4	0	5	no	TE
at_locus.06673	4	3,274,432	3,275,008	15	0	10	no	TE
at_locus.06674	4	3,275,313	3,276,165	30	0	28	no	TE
at_locus.06675	4	3,276,414	3,277,076	9	0	13	no	TE
at_locus.06676	4	3,277,414	3,277,856	2	0	6	yes	TE

at_locus.06677	4	3,278,214	3,278,490	5	0	1	no	TE
at_locus.06678	4	3,278,854	3,279,245	4	0	10	no	TE
at_locus.06679	4	3,279,693	3,279,881	8	1	0	yes	TE
at_locus.06680	4	3,280,200	3,283,315	49	0	50	yes	TE
at_locus.06681	4	3,283,656	3,284,656	27	0	14	no	TE
at_locus.06682	4	3,284,961	3,285,144	7	0	7	no	TE
at_locus.06683	4	3,310,227	3,310,411	10	3	4	no	TE
at_locus.06684	4	3,310,942	3,311,253	2	0	4	no	TE
at_locus.06685	4	3,311,649	3,311,678	0	0	4	no	TE
at_locus.06686	4	3,313,123	3,313,250	9	3	4	no	TE
at_locus.06687	4	3,313,506	3,313,799	1	0	5	no	TE
at_locus.06688	4	3,314,622	3,314,884	1	0	4	yes	TE
at_locus.06689	4	3,322,553	3,322,733	5	0	0	yes	TE
at_locus.06690	4	3,326,736	3,327,099	0	0	4	no	TE
at_locus.06691	4	3,333,365	3,333,784	7	0	2	no	TE
at_locus.06692	4	3,345,133	3,345,605	1	0	10	no	TE
at_locus.06693	4	3,345,817	3,346,052	4	0	4	no	TE
at_locus.06694	4	3,346,509	3,346,972	2	0	7	no	TE
at_locus.06695	4	3,347,449	3,347,804	6	0	9	no	TE
at_locus.06696	4	3,348,013	3,348,663	18	1	10	no	TE
at_locus.06697	4	3,349,866	3,350,407	3	0	9	no	TE
at_locus.06698	4	3,350,810	3,351,147	0	0	6	yes	TE
at_locus.06699	4	3,351,545	3,351,603	2	0	6	no	TE
at_locus.06700	4	3,351,924	3,352,306	3	0	5	no	TE
at_locus.06701	4	3,352,841	3,352,985	1	0	4	no	TE
at_locus.06702	4	3,353,296	3,353,578	3	0	4	no	TE
at_locus.06703	4	3,353,994	3,354,027	1	0	4	no	TE
at_locus.06704	4	3,354,239	3,354,264	1	0	5	no	TE
at_locus.06705	4	3,354,536	3,354,725	4	0	4	no	TE
at_locus.06706	4	3,359,211	3,359,519	15	0	0	no	TE
at_locus.06707	4	3,360,022	3,360,258	17	2	4	no	TE
at_locus.06708	4	3,374,840	3,375,058	3	0	7	no	TE
at_locus.06709	4	3,375,335	3,375,563	1	0	5	no	TE
at_locus.06710	4	3,381,808	3,382,192	5	0	6	yes	TE
at_locus.06711	4	3,382,856	3,383,124	4	0	2	no	TE
at_locus.06712	4	3,383,297	3,383,326	0	0	4	no	TE
at_locus.06713	4	3,384,268	3,384,747	7	0	16	yes	TE

at_locus.06714	4	3,387,680	3,388,311	3	0	11	no	TE
at_locus.06715	4	3,388,367	3,388,865	7	0	2	no	TE
at_locus.06716	4	3,389,316	3,389,450	0	0	4	no	TE
at_locus.06717	4	3,390,456	3,391,223	12	1	14	no	TE
at_locus.06718	4	3,396,407	3,396,953	5	0	5	no	TE
at_locus.06719	4	3,408,829	3,409,263	13	0	0	no	TE
at_locus.06720	4	3,438,269	3,438,971	5	1	7	yes	TE
at_locus.06721	4	3,453,157	3,453,582	5	0	0	yes	TE
at_locus.06722	4	3,455,277	3,457,161	15	0	18	yes	TE
at_locus.06723	4	3,467,851	3,468,432	2	0	8	yes	TE
at_locus.06724	4	3,468,621	3,469,003	4	0	1	yes	TE
at_locus.06725	4	3,471,480	3,471,741	6	0	3	yes	TE
at_locus.06726	4	3,482,083	3,482,649	2	0	8	no	TE
at_locus.06727	4	3,487,017	3,487,320	4	0	1	no	TE
at_locus.06728	4	3,487,511	3,487,725	2	0	9	no	TE
at_locus.06729	4	3,490,458	3,490,631	5	0	11	no	TE
at_locus.06730	4	3,491,325	3,491,654	5	0	13	no	TE
at_locus.06731	4	3,492,015	3,492,146	7	0	9	no	TE
at_locus.06732	4	3,492,350	3,493,006	14	0	15	no	TE
at_locus.06733	4	3,493,429	3,493,586	1	0	6	no	TE
at_locus.06734	4	3,494,324	3,494,459	1	0	4	no	TE
at_locus.06735	4	3,495,759	3,497,156	23	0	32	no	TE
at_locus.06736	4	3,508,000	3,508,228	8	0	7	yes	TE
at_locus.06737	4	3,510,448	3,510,772	7	1	6	yes	TE
at_locus.06738	4	3,511,139	3,511,239	1	0	4	yes	TE
at_locus.06739	4	3,511,461	3,511,779	4	0	5	yes	
at_locus.06740	4	3,527,971	3,528,322	0	0	5	yes	TE
at_locus.06741	4	3,528,894	3,529,872	15	1	9	yes	TE
at_locus.06742	4	3,531,964	3,532,259	1	0	6	yes	TE
at_locus.06743	4	3,532,934	3,534,073	1	0	5	yes	TE
at_locus.06744	4	3,537,288	3,538,267	16	1	17	no	TE
at_locus.06745	4	3,538,721	3,539,030	10	0	10	no	TE
at_locus.06746	4	3,539,315	3,541,320	55	6	53	yes	TE
at_locus.06747	4	3,542,463	3,542,694	6	0	5	no	TE
at_locus.06748	4	3,543,293	3,543,929	11	0	5	no	TE
at_locus.06749	4	3,544,119	3,547,516	35	2	58	yes	TE
at_locus.06750	4	3,548,027	3,548,263	1	0	6	no	TE

at_locus.06751	4	3,550,466	3,550,732	0	0	4	yes	TE
at_locus.06752	4	3,553,744	3,554,366	9	0	13	no	TE
at_locus.06753	4	3,554,752	3,555,192	9	0	6	no	TE
at_locus.06754	4	3,556,802	3,557,092	1	0	3	no	TE
at_locus.06755	4	3,559,023	3,559,452	0	0	4	yes	TE
at_locus.06756	4	3,562,613	3,562,914	2	0	4	no	TE
at_locus.06757	4	3,563,280	3,563,413	0	0	5	no	TE
at_locus.06758	4	3,563,611	3,563,829	7	0	4	no	TE
at_locus.06759	4	3,567,184	3,567,566	6	0	1	no	TE
at_locus.06760	4	3,567,826	3,568,161	5	0	4	no	TE
at_locus.06761	4	3,568,953	3,569,372	3	0	7	no	TE
at_locus.06762	4	3,569,637	3,569,707	4	0	0	no	TE
at_locus.06763	4	3,584,291	3,584,365	4	0	0	no	TE
at_locus.06764	4	3,589,650	3,590,235	3	0	11	no	TE
at_locus.06765	4	3,591,418	3,591,646	4	0	0	no	TE
at_locus.06766	4	3,591,997	3,592,445	13	0	16	no	TE
at_locus.06767	4	3,595,065	3,595,438	4	0	0	no	TE
at_locus.06768	4	3,595,570	3,595,856	2	0	5	no	TE
at_locus.06769	4	3,597,153	3,597,217	1	0	5	no	TE
at_locus.06770	4	3,599,786	3,600,016	0	0	4	no	TE
at_locus.06771	4	3,610,886	3,611,383	0	0	4	no	TE
at_locus.06772	4	3,612,137	3,612,496	9	0	6	no	TE
at_locus.06773	4	3,612,694	3,612,849	0	0	4	no	TE
at_locus.06774	4	3,613,063	3,613,550	7	0	4	no	TE
at_locus.06775	4	3,615,794	3,615,876	4	0	0	no	TE
at_locus.06776	4	3,616,109	3,616,354	1	0	4	yes	TE
at_locus.06777	4	3,617,411	3,617,939	12	0	6	no	TE
at_locus.06778	4	3,618,759	3,619,131	3	0	6	no	TE
at_locus.06779	4	3,630,933	3,631,137	5	0	7	no	TE
at_locus.06780	4	3,656,077	3,656,234	4	0	2	yes	TE
at_locus.06781	4	3,661,022	3,661,421	9	0	2	no	TE
at_locus.06782	4	3,662,045	3,662,362	4	0	1	no	TE
at_locus.06783	4	3,676,028	3,677,652	23	3	42	yes	TE
at_locus.06784	4	3,692,088	3,692,910	12	0	12	no	TE
at_locus.06785	4	3,693,346	3,693,383	4	0	1	no	TE
at_locus.06786	4	3,693,603	3,694,106	9	0	7	no	TE
at_locus.06787	4	3,694,347	3,694,798	2	0	5	no	TE

at_locus.06788	4	3,696,159	3,696,264	7	0	2	no	TE
at_locus.06789	4	3,696,806	3,697,078	10	0	8	no	TE
at_locus.06790	4	3,697,928	3,698,011	1	0	4	yes	TE
at_locus.06791	4	3,698,642	3,698,679	2	0	6	no	TE
at_locus.06792	4	3,699,219	3,700,009	14	0	8	no	TE
at_locus.06793	4	3,700,215	3,700,610	6	0	6	yes	TE
at_locus.06794	4	3,700,849	3,701,228	11	0	13	no	TE
at_locus.06795	4	3,701,658	3,703,013	29	1	28	no	TE
at_locus.06796	4	3,703,199	3,703,831	10	0	16	yes	TE
at_locus.06797	4	3,731,668	3,731,793	18	0	0	no	TE
at_locus.06798	4	3,731,944	3,732,343	1	0	3	yes	TE
at_locus.06799	4	3,732,590	3,732,746	19	0	2	no	TE
at_locus.06800	4	3,733,953	3,734,179	4	0	0	no	TE
at_locus.06801	4	3,736,065	3,737,352	34	3	46	no	TE
at_locus.06802	4	3,737,561	3,738,263	15	1	15	no	TE
at_locus.06803	4	3,738,696	3,740,692	44	0	45	no	TE
at_locus.06804	4	3,741,022	3,741,450	7	0	5	no	TE
at_locus.06805	4	3,742,222	3,742,584	5	0	5	no	TE
at_locus.06806	4	3,742,976	3,743,005	2	0	4	no	TE
at_locus.06807	4	3,743,212	3,743,445	0	0	4	no	TE
at_locus.06808	4	3,743,711	3,743,811	6	0	2	no	TE
at_locus.06809	4	3,745,372	3,747,702	37	0	25	no	TE
at_locus.06810	4	3,747,771	3,749,596	32	3	56	no	TE
at_locus.06811	4	3,749,805	3,750,010	3	0	6	no	TE
at_locus.06812	4	3,753,804	3,754,030	4	0	0	no	TE
at_locus.06813	4	3,767,839	3,769,164	45	2	60	yes	TE
at_locus.06814	4	3,775,575	3,775,723	0	0	4	yes	TE
at_locus.06815	4	3,799,615	3,799,977	1	1	4	no	TE
at_locus.06816	4	3,806,211	3,806,812	8	0	7	yes	
at_locus.06817	4	3,807,490	3,807,731	2	0	8	yes	
at_locus.06818	4	3,808,338	3,808,640	7	0	3	yes	
at_locus.06819	4	3,810,034	3,810,163	6	0	1	no	TE
at_locus.06820	4	3,838,675	3,839,376	27	0	9	no	TE
at_locus.06821	4	3,839,991	3,840,437	4	0	5	no	TE
at_locus.06822	4	3,840,715	3,841,157	0	0	6	yes	TE
at_locus.06823	4	3,842,784	3,843,209	1	0	8	no	TE
at_locus.06824	4	3,849,891	3,850,391	5	0	7	no	TE

at_locus.06825	4	3,850,622	3,851,160	26	0	9	yes	TE
at_locus.06826	4	3,851,571	3,852,194	5	0	7	no	TE
at_locus.06827	4	3,866,100	3,866,600	5	0	7	no	TE
at_locus.06828	4	3,866,831	3,867,369	26	0	8	no	TE
at_locus.06829	4	3,867,778	3,868,491	5	0	8	no	TE
at_locus.06830	4	3,868,768	3,869,203	0	0	5	no	TE
at_locus.06831	4	3,870,830	3,871,255	1	0	8	no	TE
at_locus.06832	4	3,871,649	3,872,060	1	0	4	no	TE
at_locus.06833	4	3,875,068	3,875,568	4	0	7	no	TE
at_locus.06834	4	3,875,799	3,876,337	25	0	8	no	TE
at_locus.06835	4	3,876,877	3,877,445	5	0	2	yes	TE
at_locus.06836	4	3,890,009	3,890,076	4	0	1	no	TE
at_locus.06837	4	3,904,352	3,904,830	3	0	7	no	TE
at_locus.06838	4	3,929,524	3,929,851	5	0	2	no	TE
at_locus.06839	4	3,930,237	3,930,393	0	0	4	no	TE
at_locus.06840	4	3,930,728	3,930,950	3	0	5	no	TE
at_locus.06841	4	3,933,386	3,934,132	12	0	7	no	TE
at_locus.06842	4	3,946,072	3,946,563	0	0	7	no	TE
at_locus.06843	4	3,948,115	3,948,185	4	0	0	no	TE
at_locus.06844	4	3,950,374	3,956,014	53	4	94	yes	TE
at_locus.06845	4	3,957,040	3,957,558	12	0	13	no	TE
at_locus.06846	4	3,957,690	3,958,519	15	1	15	no	TE
at_locus.06847	4	3,958,929	3,959,308	11	0	13	no	TE
at_locus.06848	4	3,959,520	3,960,274	9	0	21	yes	TE
at_locus.06849	4	3,960,332	3,961,230	37	2	32	no	TE
at_locus.06850	4	3,961,541	3,961,593	7	0	0	no	TE
at_locus.06851	4	3,963,669	3,964,334	13	0	8	no	TE
at_locus.06852	4	3,964,567	3,965,383	10	1	16	no	TE
at_locus.06853	4	3,965,633	3,965,986	23	2	19	no	TE
at_locus.06854	4	3,966,133	3,988,504	54	2	48	yes	TE
at_locus.06855	4	3,988,751	3,989,464	5	0	8	yes	TE
at_locus.06856	4	3,989,741	3,990,181	0	0	5	no	TE
at_locus.06857	4	3,991,808	3,992,233	1	0	8	no	TE
at_locus.06858	4	3,992,627	3,993,030	1	0	4	no	TE
at_locus.06859	4	3,996,446	3,997,147	22	0	7	no	TE
at_locus.06860	4	3,997,394	4,012,875	43	5	54	yes	TE
at_locus.06861	4	4,013,116	4,015,618	28	3	18	yes	TE

at_locus.06862	4	4,015,629	4,017,969	34	0	37	yes	TE
at_locus.06863	4	4,018,311	4,018,369	14	0	12	no	TE
at_locus.06864	4	4,018,603	4,020,028	18	0	26	no	TE
at_locus.06865	4	4,020,263	4,020,967	13	0	10	yes	TE
at_locus.06866	4	4,022,659	4,023,118	7	0	11	yes	TE
at_locus.06867	4	4,023,584	4,023,854	4	0	3	no	TE
at_locus.06868	4	4,024,438	4,024,585	6	0	0	no	TE
at_locus.06869	4	4,024,635	4,026,775	32	0	27	no	TE
at_locus.06870	4	4,027,308	4,027,657	0	0	4	no	TE
at_locus.06871	4	4,029,116	4,029,425	2	0	4	yes	TE
at_locus.06872	4	4,031,661	4,032,117	5	0	6	no	TE
at_locus.06873	4	4,032,371	4,033,426	21	0	17	no	TE
at_locus.06874	4	4,033,621	4,034,623	22	0	11	no	TE
at_locus.06875	4	4,035,146	4,036,808	33	3	40	no	TE
at_locus.06876	4	4,037,413	4,038,283	8	1	14	yes	TE
at_locus.06877	4	4,038,879	4,038,946	6	0	5	no	TE
at_locus.06878	4	4,039,502	4,039,829	3	0	8	no	TE
at_locus.06879	4	4,041,132	4,044,001	56	4	59	yes	TE
at_locus.06880	4	4,044,214	4,044,326	1	0	4	no	TE
at_locus.06881	4	4,044,600	4,045,210	6	0	12	no	TE
at_locus.06882	4	4,045,702	4,047,052	31	4	31	no	TE
at_locus.06883	4	4,047,264	4,049,150	29	3	16	yes	TE
at_locus.06884	4	4,051,565	4,051,907	4	0	3	no	TE
at_locus.06885	4	4,052,993	4,053,164	4	0	1	no	TE
at_locus.06886	4	4,053,392	4,055,236	28	3	18	yes	TE
at_locus.06887	4	4,055,461	4,055,935	7	1	3	yes	TE
at_locus.06888	4	4,056,108	4,056,856	9	1	8	no	TE
at_locus.06889	4	4,057,014	4,058,509	25	3	11	no	TE
at_locus.06890	4	4,059,098	4,059,420	8	0	3	no	TE
at_locus.06891	4	4,059,624	4,062,083	31	4	17	yes	TE
at_locus.06892	4	4,062,302	4,063,582	20	3	8	no	TE
at_locus.06893	4	4,063,904	4,066,084	32	3	17	yes	TE
at_locus.06894	4	4,066,392	4,067,203	14	3	8	yes	TE
at_locus.06895	4	4,067,425	4,069,406	34	3	11	yes	TE
at_locus.06896	4	4,087,757	4,088,012	7	1	0	yes	TE
at_locus.06897	4	4,090,193	4,090,272	4	0	0	yes	
at_locus.06898	4	4,091,392	4,091,430	5	0	10	yes	



at_locus.06899	4	4,092,253	4,092,449	1	0	4	yes	
at_locus.06900	4	4,094,264	4,094,814	12	0	2	no	TE
at_locus.06901	4	4,095,032	4,096,678	20	1	11	no	TE
at_locus.06902	4	4,097,736	4,097,874	35	0	3	no	TE
at_locus.06903	4	4,099,326	4,100,895	24	0	29	yes	TE
at_locus.06904	4	4,101,160	4,101,768	6	0	17	yes	TE
at_locus.06905	4	4,102,046	4,103,131	7	0	19	yes	TE
at_locus.06906	4	4,103,848	4,106,089	553	11	192	yes	TE
at_locus.06907	4	4,106,508	4,107,501	66	2	76	yes	TE
at_locus.06908	4	4,108,405	4,108,937	2	0	6	yes	TE
at_locus.06909	4	4,110,150	4,110,285	1	2	4	yes	TE
at_locus.06910	4	4,125,653	4,125,676	4	0	1	no	TE
at_locus.06911	4	4,126,373	4,126,487	4	0	0	no	TE
at_locus.06912	4	4,127,098	4,127,305	0	0	5	no	TE
at_locus.06913	4	4,136,087	4,136,110	4	0	0	no	TE
at_locus.06914	4	4,146,123	4,146,165	9	0	0	no	TE
at_locus.06915	4	4,146,886	4,147,117	5	0	0	no	TE
at_locus.06916	4	4,147,342	4,147,507	14	1	0	no	TE
at_locus.06917	4	4,147,885	4,148,177	38	3	0	yes	TE
at_locus.06918	4	4,156,072	4,156,183	4	0	3	no	TE
at_locus.06919	4	4,156,540	4,156,864	4	0	5	no	TE
at_locus.06920	4	4,157,020	4,157,721	9	0	7	no	TE
at_locus.06921	4	4,159,784	4,160,187	8	0	1	no	TE
at_locus.06922	4	4,161,502	4,161,635	4	0	3	no	TE
at_locus.06923	4	4,164,395	4,164,412	6	0	0	yes	TE
at_locus.06924	4	4,176,085	4,177,280	17	0	23	no	TE
at_locus.06925	4	4,177,722	4,179,491	29	0	30	yes	TE
at_locus.06926	4	4,182,213	4,182,544	12	0	7	no	TE
at_locus.06927	4	4,183,097	4,186,046	37	3	57	no	TE
at_locus.06928	4	4,190,946	4,191,193	0	0	5	no	TE
at_locus.06929	4	4,191,343	4,191,643	6	0	0	no	TE
at_locus.06930	4	4,208,004	4,208,281	1	0	5	yes	TE
at_locus.06931	4	4,208,536	4,209,337	2	0	16	yes	TE
at_locus.06932	4	4,209,794	4,210,027	12	0	15	yes	TE
at_locus.06933	4	4,210,472	4,210,528	1	0	5	no	TE
at_locus.06934	4	4,219,317	4,219,372	0	0	4	no	
at_locus.06935	4	4,220,040	4,220,396	4	2	7	yes	

at_locus.06936	4	4,221,393	4,221,440	4	1	1	yes	TE
at_locus.06937	4	4,223,061	4,223,529	1	0	4	no	TE
at_locus.06938	4	4,224,473	4,225,516	14	0	26	yes	TE
at_locus.06939	4	4,227,787	4,228,358	8	0	15	yes	TE
at_locus.06940	4	4,239,386	4,239,781	2	0	7	no	TE
at_locus.06941	4	4,240,171	4,240,672	21	0	8	no	TE
at_locus.06942	4	4,240,937	4,241,390	1	0	6	no	TE
at_locus.06943	4	4,244,595	4,244,849	0	0	4	yes	TE
at_locus.06944	4	4,247,355	4,247,714	0	0	4	no	TE
at_locus.06945	4	4,247,992	4,248,197	1	0	4	no	TE
at_locus.06946	4	4,248,407	4,248,802	2	0	5	no	TE
at_locus.06947	4	4,249,188	4,249,730	12	0	6	yes	TE
at_locus.06948	4	4,269,971	4,270,670	3	0	11	no	TE
at_locus.06949	4	4,271,734	4,271,940	0	0	4	no	TE
at_locus.06950	4	4,274,233	4,274,711	9	0	15	yes	TE
at_locus.06951	4	4,278,910	4,279,608	0	0	8	no	TE
at_locus.06952	4	4,279,828	4,279,966	10	0	7	no	TE
at_locus.06953	4	4,281,064	4,281,231	0	0	5	no	TE
at_locus.06954	4	4,282,882	4,283,199	4	0	0	no	TE
at_locus.06955	4	4,283,387	4,283,954	1	0	12	yes	TE
at_locus.06956	4	4,287,497	4,287,710	4	0	5	no	TE
at_locus.06957	4	4,287,884	4,288,329	5	0	1	no	TE
at_locus.06958	4	4,294,889	4,295,324	6	0	5	no	TE
at_locus.06959	4	4,304,269	4,304,292	4	0	0	no	TE
at_locus.06960	4	4,315,127	4,315,357	4	0	1	no	
at_locus.06961	4	4,331,814	4,332,352	13	0	5	no	TE
at_locus.06962	4	4,336,007	4,336,217	1	0	6	no	TE
at_locus.06963	4	4,337,051	4,337,968	3	0	14	no	TE
at_locus.06964	4	4,338,560	4,340,769	8	0	55	yes	TE
at_locus.06965	4	4,341,007	4,341,820	5	0	34	yes	TE
at_locus.06966	4	4,343,376	4,343,955	11	2	15	yes	TE
at_locus.06967	4	4,344,226	4,344,720	8	1	5	yes	TE
at_locus.06968	4	4,344,766	4,344,981	10	1	0	no	TE
at_locus.06969	4	4,350,102	4,350,406	0	0	7	yes	TE
at_locus.06970	4	4,351,547	4,351,829	0	0	4	no	TE
at_locus.06971	4	4,354,768	4,356,044	4	0	2	no	TE
at_locus.06972	4	4,362,632	4,362,896	4	0	0	yes	TE

at_locus.06973	4	4,372,328	4,372,480	5	0	0	no	TE
at_locus.06974	4	4,375,240	4,376,110	7	0	3	yes	TE
at_locus.06975	4	4,380,221	4,380,534	4	0	3	yes	
at_locus.06976	4	4,385,749	4,386,127	10	0	11	no	TE
at_locus.06977	4	4,386,183	4,386,339	4	0	0	no	TE
at_locus.06978	4	4,387,556	4,387,844	1	0	6	no	TE
at_locus.06979	4	4,389,861	4,390,130	1	0	6	yes	TE
at_locus.06980	4	4,390,705	4,391,124	4	0	3	yes	TE
at_locus.06981	4	4,392,146	4,392,612	1	0	5	no	TE
at_locus.06982	4	4,393,787	4,394,275	10	0	9	yes	TE
at_locus.06983	4	4,398,154	4,398,575	0	0	5	yes	TE
at_locus.06984	4	4,398,901	4,398,952	0	0	7	yes	TE
at_locus.06985	4	4,399,166	4,399,718	0	0	6	yes	TE
at_locus.06986	4	4,401,604	4,401,776	5	0	3	no	TE
at_locus.06987	4	4,402,143	4,402,298	1	0	4	no	TE
at_locus.06988	4	4,402,949	4,403,573	4	0	10	no	TE
at_locus.06989	4	4,403,805	4,404,326	5	0	7	yes	TE
at_locus.06990	4	4,404,649	4,404,711	1	0	4	yes	TE
at_locus.06991	4	4,408,314	4,408,643	3	0	6	yes	TE
at_locus.06992	4	4,408,970	4,409,061	0	0	5	no	TE
at_locus.06993	4	4,409,287	4,409,486	9	0	4	no	TE
at_locus.06994	4	4,410,450	4,410,737	4	0	2	yes	TE
at_locus.06995	4	4,411,010	4,411,033	4	0	1	no	TE
at_locus.06996	4	4,415,807	4,416,413	2	0	6	no	TE
at_locus.06997	4	4,416,905	4,417,030	0	0	4	no	TE
at_locus.06998	4	4,417,221	4,417,751	9	0	14	no	TE
at_locus.06999	4	4,419,620	4,419,799	0	0	4	yes	TE
at_locus.07000	4	4,422,532	4,423,668	15	0	8	yes	TE
at_locus.07001	4	4,425,035	4,428,177	49	1	61	no	TE
at_locus.07002	4	4,428,430	4,428,514	5	0	1	no	TE
at_locus.07003	4	4,428,663	4,429,375	17	0	11	yes	TE
at_locus.07004	4	4,430,084	4,431,422	30	1	40	no	TE
at_locus.07005	4	4,431,720	4,432,285	0	0	7	no	TE
at_locus.07006	4	4,432,567	4,433,496	15	0	15	yes	TE
at_locus.07007	4	4,434,533	4,434,625	7	0	3	no	TE
at_locus.07008	4	4,434,834	4,435,054	0	0	4	yes	TE
at_locus.07009	4	4,435,312	4,435,588	3	0	5	yes	TE

at_locus.07010	4	4,435,989	4,436,223	0	0	5	no	TE
at_locus.07011	4	4,436,449	4,436,831	5	0	2	yes	TE
at_locus.07012	4	4,439,001	4,439,374	2	0	5	no	TE
at_locus.07013	4	4,440,521	4,440,861	1	0	9	no	TE
at_locus.07014	4	4,443,376	4,443,532	5	0	4	no	TE
at_locus.07015	4	4,468,754	4,469,111	0	0	5	no	TE
at_locus.07016	4	4,472,765	4,473,144	5	0	6	no	TE
at_locus.07017	4	4,473,590	4,473,889	6	0	8	no	TE
at_locus.07018	4	4,475,084	4,475,302	0	0	4	no	TE
at_locus.07019	4	4,480,266	4,480,838	6	0	6	no	TE
at_locus.07020	4	4,488,909	4,489,216	1	0	4	no	TE
at_locus.07021	4	4,513,587	4,513,671	3	2	4	no	
at_locus.07022	4	4,514,696	4,514,719	5	0	0	no	TE
at_locus.07023	4	4,528,720	4,528,935	0	0	4	no	TE
at_locus.07024	4	4,529,969	4,530,160	9	0	12	no	TE
at_locus.07025	4	4,531,279	4,531,804	10	1	0	no	TE
at_locus.07026	4	4,532,063	4,532,394	4	0	12	no	TE
at_locus.07027	4	4,535,027	4,535,206	4	0	2	yes	TE
at_locus.07028	4	4,547,002	4,548,158	10	1	43	yes	TE
at_locus.07029	4	4,549,679	4,549,731	0	0	6	no	TE
at_locus.07030	4	4,555,225	4,555,298	2	0	8	no	TE
at_locus.07031	4	4,555,819	4,555,967	6	0	3	no	TE
at_locus.07032	4	4,556,211	4,557,800	30	0	31	no	TE
at_locus.07033	4	4,558,251	4,558,952	12	1	15	no	TE
at_locus.07034	4	4,559,238	4,560,399	17	3	24	no	TE
at_locus.07035	4	4,561,404	4,561,740	9	0	8	no	TE
at_locus.07036	4	4,562,218	4,562,470	8	0	2	no	TE
at_locus.07037	4	4,564,041	4,564,902	15	0	10	no	TE
at_locus.07038	4	4,565,637	4,566,087	4	0	10	no	TE
at_locus.07039	4	4,566,243	4,567,144	9	3	12	no	TE
at_locus.07040	4	4,597,715	4,597,799	1	0	4	yes	TE
at_locus.07041	4	4,602,519	4,602,664	7	0	8	no	TE
at_locus.07042	4	4,609,460	4,609,746	4	0	0	no	TE
at_locus.07043	4	4,609,820	4,610,541	6	0	10	no	TE
at_locus.07044	4	4,642,927	4,643,275	5	0	0	yes	
at_locus.07045	4	4,645,516	4,645,885	43	0	7	no	TE
at_locus.07046	4	4,646,316	4,647,498	27	0	33	yes	TE

at_locus.07047	4	4,648,092	4,648,234	6	0	3	no	TE
at_locus.07048	4	4,649,265	4,649,487	4	0	0	no	TE
at_locus.07049	4	4,650,144	4,650,256	5	0	1	no	
at_locus.07050	4	4,657,460	4,657,920	0	0	7	yes	TE
at_locus.07051	4	4,663,385	4,663,495	4	0	0	no	TE
at_locus.07052	4	4,677,347	4,677,632	32	0	3	no	TE
at_locus.07053	4	4,679,487	4,679,748	0	0	4	no	TE
at_locus.07054	4	4,680,092	4,680,595	2	0	16	no	TE
at_locus.07055	4	4,680,785	4,681,393	7	0	11	no	TE
at_locus.07056	4	4,681,663	4,681,774	1	0	7	yes	TE
at_locus.07057	4	4,682,020	4,682,294	2	0	5	no	TE
at_locus.07058	4	4,683,242	4,683,380	32	0	3	no	TE
at_locus.07059	4	4,685,672	4,685,938	5	0	1	no	
at_locus.07060	4	4,688,888	4,689,629	18	0	13	no	TE
at_locus.07061	4	4,689,861	4,690,165	36	0	2	no	TE
at_locus.07062	4	4,690,630	4,690,741	5	0	1	no	TE
at_locus.07063	4	4,705,801	4,706,033	4	0	4	no	TE
at_locus.07064	4	4,706,323	4,707,212	6	1	18	no	TE
at_locus.07065	4	4,707,637	4,708,478	13	0	20	yes	TE
at_locus.07066	4	4,708,955	4,709,586	13	0	10	yes	TE
at_locus.07067	4	4,709,876	4,710,300	4	0	8	no	TE
at_locus.07068	4	4,710,553	4,711,101	14	0	15	yes	TE
at_locus.07069	4	4,717,499	4,718,013	8	0	0	no	TE
at_locus.07070	4	4,737,181	4,737,537	5	0	1	no	TE
at_locus.07071	4	4,741,621	4,741,912	5	0	1	no	TE
at_locus.07072	4	4,748,909	4,748,970	0	0	5	no	TE
at_locus.07073	4	4,749,538	4,749,561	1	0	4	no	TE
at_locus.07074	4	4,757,888	4,759,071	14	3	18	no	TE
at_locus.07075	4	4,759,784	4,760,003	1	0	6	no	TE
at_locus.07076	4	4,761,346	4,761,554	4	0	3	no	TE
at_locus.07077	4	4,762,377	4,762,454	0	0	5	no	TE
at_locus.07078	4	4,765,451	4,765,630	0	0	4	yes	TE
at_locus.07079	4	4,768,707	4,770,334	23	1	22	no	TE
at_locus.07080	4	4,770,550	4,770,880	4	0	4	no	TE
at_locus.07081	4	4,771,115	4,772,253	13	1	14	no	TE
at_locus.07082	4	4,772,265	4,772,562	6	0	9	no	TE
at_locus.07083	4	4,773,118	4,773,985	11	0	7	yes	TE

at_locus.07084	4	4,774,640	4,776,968	69	5	62	yes	TE
at_locus.07085	4	4,778,087	4,778,164	0	0	5	no	TE
at_locus.07086	4	4,778,721	4,778,945	5	0	4	yes	TE
at_locus.07087	4	4,779,156	4,779,535	8	0	10	no	TE
at_locus.07088	4	4,780,020	4,780,046	4	0	0	no	TE
at_locus.07089	4	4,780,566	4,781,770	10	1	17	no	TE
at_locus.07090	4	4,785,986	4,786,025	17	1	1	no	TE
at_locus.07091	4	4,789,735	4,789,955	13	0	2	no	TE
at_locus.07092	4	4,796,725	4,796,837	4	0	0	yes	
at_locus.07093	4	4,809,512	4,809,939	5	0	7	yes	TE
at_locus.07094	4	4,811,080	4,811,256	4	0	1	no	TE
at_locus.07095	4	4,815,047	4,815,286	6	0	0	no	TE
at_locus.07096	4	4,818,375	4,818,510	5	0	0	no	TE
at_locus.07097	4	4,821,462	4,821,757	8	0	1	no	TE
at_locus.07098	4	4,832,051	4,832,083	4	0	0	no	TE
at_locus.07099	4	4,833,442	4,833,568	1	0	4	yes	TE
at_locus.07100	4	4,844,509	4,844,679	0	0	4	yes	
at_locus.07101	4	4,845,410	4,845,450	17	2	1	no	
at_locus.07102	4	4,846,890	4,847,199	22	2	1	no	
at_locus.07103	4	4,852,833	4,853,016	6	0	2	no	TE
at_locus.07104	4	4,854,321	4,854,609	0	0	4	no	TE
at_locus.07105	4	4,857,743	4,858,318	9	0	8	no	TE
at_locus.07106	4	4,858,522	4,858,599	0	0	4	no	TE
at_locus.07107	4	4,858,615	4,858,723	4	0	0	no	TE
at_locus.07108	4	4,858,925	4,859,641	7	0	5	yes	TE
at_locus.07109	4	4,880,723	4,880,831	7	0	0	yes	TE
at_locus.07110	4	4,889,479	4,889,509	8	0	1	no	TE
at_locus.07111	4	4,892,348	4,894,565	41	2	40	no	TE
at_locus.07112	4	4,894,757	4,895,349	9	0	12	no	TE
at_locus.07113	4	4,895,620	4,897,237	28	4	38	yes	TE
at_locus.07114	4	4,897,466	4,897,602	4	0	1	yes	TE
at_locus.07115	4	4,899,356	4,899,917	8	0	9	yes	TE
at_locus.07116	4	4,899,954	4,900,310	6	0	0	no	TE
at_locus.07117	4	4,900,461	4,903,385	41	5	56	no	TE
at_locus.07118	4	4,906,025	4,906,213	4	0	2	no	
at_locus.07119	4	4,906,485	4,906,513	17	1	2	no	TE
at_locus.07120	4	4,909,160	4,909,531	23	1	5	no	TE

at_locus.07121	4	4,916,552	4,916,721	2	0	4	yes	TE
at_locus.07122	4	4,917,638	4,917,765	1	0	5	no	TE
at_locus.07123	4	4,923,892	4,923,931	19	3	0	yes	
at_locus.07124	4	4,935,038	4,935,061	5	0	0	no	
at_locus.07125	4	4,938,069	4,938,092	5	0	0	no	
at_locus.07126	4	4,938,843	4,939,097	6	0	1	no	TE
at_locus.07127	4	4,942,689	4,942,915	4	0	3	no	TE
at_locus.07128	4	4,948,302	4,948,659	30	0	1	no	
at_locus.07129	4	4,948,944	4,949,044	5	0	0	no	TE
at_locus.07130	4	4,949,265	4,949,504	1	0	5	yes	TE
at_locus.07131	4	4,956,732	4,956,917	6	0	0	no	TE
at_locus.07132	4	4,957,165	4,957,217	1	0	6	yes	TE
at_locus.07133	4	4,958,219	4,958,378	0	0	4	no	TE
at_locus.07134	4	4,958,410	4,961,240	41	5	52	no	TE
at_locus.07135	4	4,961,851	4,962,123	6	0	7	no	TE
at_locus.07136	4	4,962,821	4,963,038	5	0	1	no	TE
at_locus.07137	4	4,964,238	4,966,310	54	4	57	yes	TE
at_locus.07138	4	4,966,530	4,966,878	10	0	11	no	TE
at_locus.07139	4	4,967,310	4,969,552	27	5	28	no	TE
at_locus.07140	4	4,986,786	4,987,536	8	0	6	no	TE
at_locus.07141	4	5,003,337	5,003,418	1	0	4	yes	TE
at_locus.07142	4	5,013,887	5,014,168	10	0	2	no	TE
at_locus.07143	4	5,015,356	5,016,681	5	0	19	yes	TE
at_locus.07144	4	5,016,797	5,016,823	6	0	0	no	TE
at_locus.07145	4	5,017,609	5,017,679	4	0	0	no	TE
at_locus.07146	4	5,020,227	5,020,482	5	0	0	no	TE
at_locus.07147	4	5,020,811	5,021,055	5	0	1	no	TE
at_locus.07148	4	5,022,215	5,022,405	0	0	4	no	TE
at_locus.07149	4	5,022,684	5,022,800	7	0	2	no	TE
at_locus.07150	4	5,023,892	5,024,472	4	0	10	no	TE
at_locus.07151	4	5,025,090	5,025,507	5	0	6	yes	TE
at_locus.07152	4	5,025,841	5,026,128	10	1	22	yes	TE
at_locus.07153	4	5,026,831	5,027,131	12	0	1	no	TE
at_locus.07154	4	5,032,794	5,032,966	4	0	3	no	TE
at_locus.07155	4	5,036,445	5,036,667	4	0	3	yes	TE
at_locus.07156	4	5,044,237	5,045,225	7	0	20	no	TE
at_locus.07157	4	5,048,808	5,049,170	5	0	0	yes	TE

at_locus.07158	4	5,053,934	5,054,423	4	0	5	no	TE
at_locus.07159	4	5,055,105	5,055,456	1	0	2	yes	TE
at_locus.07160	4	5,057,206	5,058,183	16	0	10	yes	TE
at_locus.07161	4	5,060,128	5,060,555	5	0	5	yes	TE
at_locus.07162	4	5,060,621	5,060,900	4	0	0	yes	TE
at_locus.07163	4	5,062,800	5,062,875	0	0	4	no	TE
at_locus.07164	4	5,063,242	5,063,370	5	0	1	no	TE
at_locus.07165	4	5,068,755	5,069,022	5	0	1	no	TE
at_locus.07166	4	5,071,462	5,072,313	0	0	6	yes	TE
at_locus.07167	4	5,073,933	5,074,262	4	0	4	yes	TE
at_locus.07168	4	5,074,424	5,074,765	13	0	3	no	TE
at_locus.07169	4	5,083,395	5,084,007	6	0	6	yes	TE
at_locus.07170	4	5,087,212	5,087,286	13	0	0	yes	
at_locus.07171	4	5,096,847	5,096,876	11	0	2	no	TE
at_locus.07172	4	5,097,287	5,098,055	9	2	6	no	TE
at_locus.07173	4	5,100,233	5,100,559	13	0	5	yes	TE
at_locus.07174	4	5,107,114	5,107,281	0	0	4	no	TE
at_locus.07175	4	5,109,397	5,109,846	9	0	7	yes	TE
at_locus.07176	4	5,111,255	5,111,498	0	0	5	no	TE
at_locus.07177	4	5,120,895	5,121,302	10	0	0	yes	TE
at_locus.07178	4	5,126,230	5,126,375	5	0	2	yes	TE
at_locus.07179	4	5,127,147	5,128,746	71	4	20	yes	TE
at_locus.07180	4	5,128,967	5,131,671	50	0	79	yes	TE
at_locus.07181	4	5,131,861	5,135,003	96	4	77	yes	TE
at_locus.07182	4	5,176,946	5,177,102	6	0	1	no	TE
at_locus.07183	4	5,177,262	5,177,673	7	0	4	no	TE
at_locus.07184	4	5,177,889	5,178,118	6	0	3	no	TE
at_locus.07185	4	5,179,468	5,179,788	9	0	1	no	TE
at_locus.07186	4	5,180,082	5,180,756	8	0	3	yes	TE
at_locus.07187	4	5,194,157	5,194,385	19	0	1	yes	TE
at_locus.07188	4	5,203,546	5,203,563	4	0	0	yes	
at_locus.07189	4	5,204,536	5,204,899	3	0	7	yes	TE
at_locus.07190	4	5,219,724	5,220,168	20	0	7	no	TE
at_locus.07191	4	5,229,253	5,229,383	4	0	0	no	TE
at_locus.07192	4	5,235,202	5,235,322	5	0	0	yes	TE
at_locus.07193	4	5,266,639	5,266,662	0	0	6	yes	TE
at_locus.07194	4	5,271,796	5,272,759	20	1	6	yes	TE



at_locus.07195	4	5,279,056	5,279,110	10	0	0	no	TE
at_locus.07196	4	5,279,534	5,279,681	40	0	1	yes	TE
at_locus.07197	4	5,280,298	5,280,330	4	0	0	no	TE
at_locus.07198	4	5,281,664	5,282,142	59	2	91	yes	
at_locus.07199	4	5,284,064	5,284,478	1	0	4	yes	TE
at_locus.07200	4	5,284,790	5,285,357	4	0	9	yes	
at_locus.07201	4	5,285,605	5,285,896	6	0	0	yes	
at_locus.07202	4	5,293,496	5,294,200	5	0	0	yes	TE
at_locus.07203	4	5,300,966	5,301,043	18	0	1	yes	TE
at_locus.07204	4	5,302,083	5,302,944	4	0	3	yes	
at_locus.07205	4	5,313,111	5,313,162	4	0	0	yes	TE
at_locus.07206	4	5,314,493	5,314,722	6	0	0	yes	
at_locus.07207	4	5,321,253	5,321,277	4	0	0	no	TE
at_locus.07208	4	5,324,024	5,325,126	4	0	4	yes	
at_locus.07209	4	5,326,274	5,327,202	50	0	10	yes	TE
at_locus.07210	4	5,327,829	5,328,346	11	1	5	no	TE
at_locus.07211	4	5,328,566	5,330,307	61	0	21	yes	TE
at_locus.07212	4	5,330,597	5,331,563	38	1	12	no	TE
at_locus.07213	4	5,339,751	5,340,299	4	0	2	yes	
at_locus.07214	4	5,340,501	5,340,940	4	0	2	no	
at_locus.07215	4	5,353,956	5,354,841	21	0	0	no	TE
at_locus.07216	4	5,355,175	5,355,595	7	0	0	yes	TE
at_locus.07217	4	5,382,021	5,382,524	5	0	2	no	TE
at_locus.07218	4	5,383,055	5,383,332	17	0	3	yes	TE
at_locus.07219	4	5,391,814	5,391,942	5	0	0	no	TE
at_locus.07220	4	5,393,909	5,394,286	11	0	3	no	TE
at_locus.07221	4	5,394,550	5,394,595	8	0	0	yes	
at_locus.07222	4	5,396,891	5,397,322	8	0	3	yes	TE
at_locus.07223	4	5,397,634	5,398,548	10	0	13	yes	TE
at_locus.07224	4	5,400,562	5,400,833	7	0	1	no	TE
at_locus.07225	4	5,401,102	5,401,596	8	0	3	yes	TE
at_locus.07226	4	5,402,009	5,402,135	5	0	1	no	TE
at_locus.07227	4	5,402,683	5,403,120	6	0	1	yes	TE
at_locus.07228	4	5,407,811	5,408,195	17	0	9	yes	
at_locus.07229	4	5,415,464	5,415,625	5	0	2	yes	
at_locus.07230	4	5,415,825	5,416,269	15	0	14	yes	
at_locus.07231	4	5,422,391	5,422,600	4	0	0	yes	TE

at_locus.07232	4	5,422,605	5,423,377	9	2	12	yes	TE
at_locus.07233	4	5,438,739	5,439,348	414	6	335	yes	
at_locus.07234	4	5,439,715	5,440,439	35	1	1	yes	TE
at_locus.07235	4	5,450,633	5,450,764	6	0	0	yes	
at_locus.07236	4	5,456,440	5,456,666	17	2	0	no	
at_locus.07237	4	5,469,796	5,469,830	0	0	4	yes	
at_locus.07238	4	5,471,387	5,472,247	29	0	9	yes	TE
at_locus.07239	4	5,473,868	5,475,154	44	0	33	yes	
at_locus.07240	4	5,478,471	5,479,105	23	0	0	yes	TE
at_locus.07241	4	5,485,997	5,486,739	14	3	5	no	TE
at_locus.07242	4	5,487,042	5,487,221	4	1	11	no	TE
at_locus.07243	4	5,487,772	5,488,121	0	0	5	yes	TE
at_locus.07244	4	5,488,790	5,490,671	8	0	41	yes	TE
at_locus.07245	4	5,491,314	5,492,096	3	0	19	yes	TE
at_locus.07246	4	5,492,720	5,493,139	1	0	6	no	TE
at_locus.07247	4	5,493,414	5,493,554	0	0	5	no	TE
at_locus.07248	4	5,505,839	5,506,025	8	0	1	yes	
at_locus.07249	4	5,517,835	5,518,697	21	2	3	no	TE
at_locus.07250	4	5,523,713	5,524,198	0	0	5	yes	TE
at_locus.07251	4	5,530,838	5,531,004	4	0	0	yes	TE
at_locus.07252	4	5,535,505	5,535,732	2	0	4	yes	TE
at_locus.07253	4	5,536,147	5,536,189	4	0	1	no	TE
at_locus.07254	4	5,539,443	5,540,062	22	1	0	no	TE
at_locus.07255	4	5,540,351	5,540,621	11	0	0	no	TE
at_locus.07256	4	5,541,344	5,541,386	9	0	0	no	TE
at_locus.07257	4	5,541,953	5,542,747	6	0	8	yes	TE
at_locus.07258	4	5,543,611	5,543,672	0	0	4	yes	TE
at_locus.07259	4	5,544,206	5,544,241	4	0	0	yes	TE
at_locus.07260	4	5,544,540	5,544,778	6	0	5	no	TE
at_locus.07261	4	5,545,091	5,545,463	1	0	4	no	TE
at_locus.07262	4	5,556,034	5,556,518	5	0	2	yes	
at_locus.07263	4	5,557,150	5,557,412	7	0	1	yes	TE
at_locus.07264	4	5,557,642	5,557,864	14	0	0	yes	
at_locus.07265	4	5,558,127	5,558,579	7	0	2	yes	TE
at_locus.07266	4	5,558,762	5,561,248	111	4	91	yes	TE
at_locus.07267	4	5,569,600	5,569,724	1	0	4	yes	TE
at_locus.07268	4	5,570,855	5,571,092	2	0	3	yes	

at_locus.07269	4	5,571,391	5,571,536	2	0	6	no	TE
at_locus.07270	4	5,571,857	5,572,081	6	0	0	yes	TE
at_locus.07271	4	5,572,471	5,572,594	5	0	0	yes	TE
at_locus.07272	4	5,581,722	5,582,005	1	0	6	no	TE
at_locus.07273	4	5,582,124	5,583,157	17	1	10	no	TE
at_locus.07274	4	5,583,531	5,583,593	1	0	4	no	TE
at_locus.07275	4	5,584,697	5,584,980	2	0	6	no	TE
at_locus.07276	4	5,585,099	5,586,132	17	1	10	no	TE
at_locus.07277	4	5,604,462	5,604,623	4	0	0	yes	TE
at_locus.07278	4	5,612,023	5,612,172	4	1	3	no	TE
at_locus.07279	4	5,612,408	5,612,832	10	0	4	no	TE
at_locus.07280	4	5,613,038	5,613,582	4	0	6	no	TE
at_locus.07281	4	5,627,176	5,627,200	4	0	0	no	TE
at_locus.07282	4	5,629,957	5,630,358	14	0	0	yes	TE
at_locus.07283	4	5,642,481	5,642,550	6	0	0	yes	
at_locus.07284	4	5,642,793	5,643,027	9	0	2	yes	
at_locus.07285	4	5,643,253	5,643,386	4	0	0	no	TE
at_locus.07286	4	5,644,802	5,645,002	6	0	1	no	TE
at_locus.07287	4	5,663,494	5,663,690	6	0	1	yes	TE
at_locus.07288	4	5,669,973	5,670,007	4	1	0	yes	TE
at_locus.07289	4	5,671,254	5,671,698	14	0	7	no	TE
at_locus.07290	4	5,672,118	5,672,182	6	0	0	yes	TE
at_locus.07291	4	5,679,235	5,679,390	24	0	0	yes	TE
at_locus.07292	4	5,679,851	5,679,999	51	0	2	yes	TE
at_locus.07293	4	5,681,771	5,682,672	24	2	1	no	TE
at_locus.07294	4	5,684,203	5,684,532	12	0	10	no	TE
at_locus.07295	4	5,684,954	5,685,635	10	0	6	no	TE
at_locus.07296	4	5,687,869	5,688,056	1	0	6	no	TE
at_locus.07297	4	5,688,820	5,689,223	2	0	9	no	TE
at_locus.07298	4	5,690,083	5,690,473	1	0	4	no	TE
at_locus.07299	4	5,690,679	5,690,911	1	0	4	no	TE
at_locus.07300	4	5,692,184	5,692,809	8	0	11	no	TE
at_locus.07301	4	5,693,078	5,693,277	2	0	5	no	TE
at_locus.07302	4	5,693,450	5,694,205	10	0	7	no	TE
at_locus.07303	4	5,694,458	5,694,893	1	0	9	yes	TE
at_locus.07304	4	5,695,122	5,695,917	4	0	10	no	TE
at_locus.07305	4	5,696,316	5,696,555	2	0	4	no	TE

at_locus.07306	4	5,696,836	5,697,288	3	0	13	yes	TE
at_locus.07307	4	5,697,443	5,697,828	9	0	0	yes	TE
at_locus.07308	4	5,707,146	5,707,200	5	0	0	yes	
at_locus.07309	4	5,719,695	5,719,847	7	1	0	yes	TE
at_locus.07310	4	5,743,661	5,743,832	33	2	2	yes	TE
at_locus.07311	4	5,744,615	5,744,793	8	0	0	yes	TE
at_locus.07312	4	5,764,832	5,765,182	4	1	0	yes	
at_locus.07313	4	5,772,164	5,772,223	5	0	0	yes	TE
at_locus.07314	4	5,773,795	5,774,060	14	0	18	yes	
at_locus.07315	4	5,790,916	5,791,840	26	0	2	yes	TE
at_locus.07316	4	5,808,618	5,808,909	66	3	1	yes	
at_locus.07317	4	5,823,613	5,823,926	0	0	5	no	TE
at_locus.07318	4	5,824,913	5,825,192	2	0	4	no	TE
at_locus.07319	4	5,827,130	5,827,215	4	0	1	yes	TE
at_locus.07320	4	5,836,504	5,837,249	46	0	1	yes	TE
at_locus.07321	4	5,844,612	5,844,677	5	0	0	yes	
at_locus.07322	4	5,845,124	5,845,474	3	0	3	no	TE
at_locus.07323	4	5,845,814	5,846,183	7	0	2	no	TE
at_locus.07324	4	5,858,062	5,858,154	16	0	3	no	TE
at_locus.07325	4	5,858,950	5,859,069	12	0	0	no	
at_locus.07326	4	5,865,282	5,865,621	7	0	0	no	
at_locus.07327	4	5,865,858	5,867,091	11	0	10	no	TE
at_locus.07328	4	5,867,788	5,868,291	5	0	8	no	
at_locus.07329	4	5,868,639	5,869,100	15	0	29	no	
at_locus.07330	4	5,871,616	5,871,792	4	0	0	no	
at_locus.07331	4	5,875,359	5,875,451	16	0	3	no	TE
at_locus.07332	4	5,876,247	5,876,376	12	0	0	no	
at_locus.07333	4	5,882,589	5,882,928	7	0	0	no	
at_locus.07334	4	5,883,165	5,884,395	11	0	10	no	TE
at_locus.07335	4	5,885,092	5,885,595	5	0	8	no	
at_locus.07336	4	5,885,943	5,886,404	16	0	30	yes	
at_locus.07337	4	5,888,919	5,889,095	4	0	0	no	
at_locus.07338	4	5,892,727	5,892,754	15	0	3	no	TE
at_locus.07339	4	5,901,631	5,901,723	16	0	3	no	TE
at_locus.07340	4	5,902,519	5,902,638	12	0	0	no	
at_locus.07341	4	5,908,881	5,909,212	6	0	0	no	
at_locus.07342	4	5,909,962	5,910,621	5	0	7	no	TE

at_locus.07343	4	5,911,482	5,911,765	2	1	7	no	
at_locus.07344	4	5,912,050	5,912,547	11	2	26	yes	
at_locus.07345	4	5,917,352	5,917,871	6	0	3	yes	TE
at_locus.07346	4	5,919,188	5,919,422	4	0	0	yes	
at_locus.07347	4	5,920,537	5,921,190	7	1	8	yes	
at_locus.07348	4	5,921,413	5,922,140	10	0	19	yes	TE
at_locus.07349	4	5,922,626	5,922,696	6	0	0	yes	
at_locus.07350	4	5,930,948	5,931,002	1	0	4	yes	TE
at_locus.07351	4	5,933,861	5,935,012	30	1	30	yes	TE
at_locus.07352	4	5,935,179	5,935,497	7	0	0	no	TE
at_locus.07353	4	5,935,897	5,936,234	7	0	3	yes	TE
at_locus.07354	4	5,936,324	5,936,547	2	0	4	no	TE
at_locus.07355	4	5,943,774	5,943,973	0	0	4	no	TE
at_locus.07356	4	5,944,350	5,944,860	3	1	8	no	TE
at_locus.07357	4	5,945,507	5,945,743	6	0	1	no	TE
at_locus.07358	4	5,947,021	5,947,598	4	0	9	no	TE
at_locus.07359	4	5,947,764	5,948,508	11	0	6	no	TE
at_locus.07360	4	5,948,741	5,949,764	4	0	9	no	TE
at_locus.07361	4	5,950,181	5,950,644	2	0	5	no	TE
at_locus.07362	4	5,951,259	5,951,629	15	0	8	no	TE
at_locus.07363	4	5,952,095	5,952,339	1	0	4	yes	TE
at_locus.07364	4	5,964,489	5,964,831	10	0	1	yes	TE
at_locus.07365	4	5,976,860	5,977,207	6	0	0	yes	TE
at_locus.07366	4	5,984,052	5,984,143	9	0	0	yes	TE
at_locus.07367	4	5,987,044	5,987,207	6	0	0	no	TE
at_locus.07368	4	5,991,117	5,991,332	0	0	5	no	TE
at_locus.07369	4	5,991,637	5,991,873	7	0	0	no	TE
at_locus.07370	4	6,006,946	6,006,975	5	0	0	no	
at_locus.07371	4	6,014,816	6,014,845	5	0	0	no	
at_locus.07372	4	6,019,909	6,020,439	5	0	11	yes	TE
at_locus.07373	4	6,032,081	6,032,452	75	5	58	yes	
at_locus.07374	4	6,033,505	6,033,711	9	1	2	yes	TE
at_locus.07375	4	6,034,192	6,034,403	24	1	6	yes	TE
at_locus.07376	4	6,046,530	6,047,483	24	0	20	yes	TE
at_locus.07377	4	6,054,706	6,054,849	12	0	0	no	
at_locus.07378	4	6,055,194	6,055,224	4	0	1	no	
at_locus.07379	4	6,056,288	6,056,347	5	0	0	no	TE

at_locus.07380	4	6,057,028	6,057,324	9	0	5	yes	
at_locus.07381	4	6,067,456	6,067,915	9	0	5	yes	TE
at_locus.07382	4	6,070,699	6,071,175	4	0	1	no	TE
at_locus.07383	4	6,072,195	6,072,617	9	0	2	yes	TE
at_locus.07384	4	6,079,836	6,080,377	0	0	8	yes	TE
at_locus.07385	4	6,081,339	6,081,859	1	0	7	no	TE
at_locus.07386	4	6,091,232	6,091,464	5	1	2	yes	
at_locus.07387	4	6,099,069	6,099,104	21	0	0	yes	TE
at_locus.07388	4	6,103,644	6,103,678	4	0	0	yes	
at_locus.07389	4	6,110,544	6,111,125	10	0	1	no	TE
at_locus.07390	4	6,113,384	6,113,547	5	0	1	yes	
at_locus.07391	4	6,114,898	6,115,139	5	0	0	yes	TE
at_locus.07392	4	6,115,383	6,115,865	47	1	2	no	TE
at_locus.07393	4	6,132,374	6,132,761	10	1	5	yes	TE
at_locus.07394	4	6,140,448	6,140,759	21	0	1	no	TE
at_locus.07395	4	6,165,285	6,165,461	21	1	0	yes	TE
at_locus.07396	4	6,165,839	6,165,912	29	2	1	no	TE
at_locus.07397	4	6,166,209	6,166,449	10	0	0	no	TE
at_locus.07398	4	6,169,197	6,169,224	4	0	0	no	TE
at_locus.07399	4	6,172,648	6,173,206	14	0	1	yes	TE
at_locus.07400	4	6,178,445	6,178,807	15	0	0	yes	TE
at_locus.07401	4	6,179,061	6,179,448	22	0	1	yes	TE
at_locus.07402	4	6,184,115	6,184,165	8	2	0	no	
at_locus.07403	4	6,184,408	6,184,568	5	0	0	no	
at_locus.07404	4	6,198,003	6,198,386	12	0	8	yes	TE
at_locus.07405	4	6,203,781	6,204,005	14	0	0	yes	
at_locus.07406	4	6,205,757	6,206,091	4	0	5	yes	
at_locus.07407	4	6,213,212	6,213,506	6	0	2	yes	
at_locus.07408	4	6,227,570	6,227,835	3	0	6	yes	
at_locus.07409	4	6,252,421	6,252,516	4	0	0	yes	TE
at_locus.07410	4	6,275,457	6,275,499	4	0	0	yes	
at_locus.07411	4	6,275,811	6,276,098	29	0	22	yes	
at_locus.07412	4	6,279,019	6,279,227	5	0	0	no	TE
at_locus.07413	4	6,280,006	6,280,352	16	0	0	no	TE
at_locus.07414	4	6,281,047	6,281,267	14	0	0	no	TE
at_locus.07415	4	6,332,665	6,332,770	5	0	0	yes	TE
at_locus.07416	4	6,339,154	6,339,236	15	0	2	yes	TE

at_locus.07417	4	6,339,961	6,340,074	4	0	0	no	TE
at_locus.07418	4	6,343,923	6,344,072	5	0	0	yes	TE
at_locus.07419	4	6,351,513	6,351,549	4	0	0	yes	
at_locus.07420	4	6,357,218	6,357,657	10	0	5	yes	
at_locus.07421	4	6,359,753	6,359,812	5	0	0	yes	TE
at_locus.07422	4	6,362,543	6,362,587	6	0	0	no	
at_locus.07423	4	6,366,159	6,366,673	0	0	5	no	
at_locus.07424	4	6,374,066	6,374,102	4	0	0	yes	TE
at_locus.07425	4	6,376,658	6,377,013	7	0	3	no	TE
at_locus.07426	4	6,378,122	6,378,511	4	1	4	no	TE
at_locus.07427	4	6,378,865	6,379,006	4	0	0	no	TE
at_locus.07428	4	6,387,069	6,387,247	4	0	2	yes	
at_locus.07429	4	6,387,496	6,387,692	7	0	2	yes	
at_locus.07430	4	6,389,303	6,389,378	9	0	2	no	
at_locus.07431	4	6,405,191	6,405,320	7	0	1	yes	
at_locus.07432	4	6,414,058	6,414,648	8	0	1	yes	TE
at_locus.07433	4	6,426,615	6,427,210	23	0	0	no	TE
at_locus.07434	4	6,429,802	6,429,897	30	1	1	no	TE
at_locus.07435	4	6,469,851	6,470,001	4	0	1	yes	TE
at_locus.07436	4	6,479,551	6,479,743	15	0	0	yes	TE
at_locus.07437	4	6,487,572	6,487,681	5	0	0	yes	
at_locus.07438	4	6,504,408	6,504,630	4	0	0	yes	TE
at_locus.07439	4	6,505,625	6,505,884	13	0	1	yes	TE
at_locus.07440	4	6,529,465	6,530,960	59	2	18	yes	TE
at_locus.07441	4	6,531,181	6,533,685	50	0	65	yes	TE
at_locus.07442	4	6,533,828	6,533,949	0	0	7	no	TE
at_locus.07443	4	6,533,982	6,536,829	97	4	89	yes	TE
at_locus.07444	4	6,537,792	6,537,820	4	0	0	no	TE
at_locus.07445	4	6,549,010	6,549,330	8	1	1	yes	
at_locus.07446	4	6,549,582	6,549,654	5	0	0	yes	
at_locus.07447	4	6,551,610	6,551,854	8	0	10	yes	
at_locus.07448	4	6,554,825	6,554,952	6	0	0	yes	
at_locus.07449	4	6,560,383	6,561,407	15	0	6	yes	TE
at_locus.07450	4	6,562,663	6,563,094	15	0	3	yes	TE
at_locus.07451	4	6,579,255	6,579,291	5	0	0	yes	
at_locus.07452	4	6,581,485	6,581,521	27	0	0	no	TE
at_locus.07453	4	6,582,508	6,582,784	4	0	6	no	

at_locus.07454	4	6,598,278	6,598,782	6	0	10	yes	
at_locus.07455	4	6,624,619	6,624,919	4	0	0	no	TE
at_locus.07456	4	6,625,877	6,625,905	11	0	0	no	TE
at_locus.07457	4	6,633,283	6,633,343	4	0	0	no	
at_locus.07458	4	6,647,359	6,647,422	29	0	0	yes	
at_locus.07459	4	6,661,334	6,661,489	12	0	0	yes	TE
at_locus.07460	4	6,664,612	6,664,980	0	5	0	yes	
at_locus.07461	4	6,668,549	6,669,200	0	22	5	yes	
at_locus.07462	4	6,686,437	6,686,724	8	0	3	yes	
at_locus.07463	4	6,699,191	6,701,341	37	1	4	yes	TE
at_locus.07464	4	6,705,789	6,705,824	2	0	0	no	
at_locus.07465	4	6,718,932	6,719,081	37	0	0	yes	TE
at_locus.07466	4	6,723,490	6,723,581	4	0	1	yes	TE
at_locus.07467	4	6,728,735	6,729,119	0	0	7	yes	TE
at_locus.07468	4	6,729,339	6,729,533	7	0	1	no	
at_locus.07469	4	6,729,622	6,729,975	25	0	17	yes	
at_locus.07470	4	6,757,668	6,758,014	8	0	1	no	TE
at_locus.07471	4	6,793,897	6,794,067	14	0	0	yes	
at_locus.07472	4	6,846,109	6,846,459	27	0	2	yes	TE
at_locus.07473	4	6,879,656	6,879,787	5	1	0	yes	
at_locus.07474	4	6,890,473	6,890,539	4	0	0	yes	TE
at_locus.07475	4	6,895,464	6,895,538	9	0	0	no	TE
at_locus.07477	4	6,908,381	6,908,759	18	0	1	yes	TE
at_locus.07478	4	6,908,977	6,909,125	20	0	1	no	TE
at_locus.07479	4	6,912,317	6,912,397	8	0	1	no	TE
at_locus.07480	4	6,918,449	6,918,683	6	0	0	yes	TE
at_locus.07481	4	6,934,389	6,935,178	54	0	35	yes	
at_locus.07482	4	6,943,786	6,944,199	11	0	0	no	
at_locus.07483	4	6,944,433	6,944,532	10	0	0	yes	TE
at_locus.07484	4	6,953,507	6,953,871	12	0	0	yes	
at_locus.07485	4	6,954,190	6,954,602	15	0	1	yes	
at_locus.07486	4	7,030,119	7,030,324	4	0	0	no	TE
at_locus.07487	4	7,031,143	7,032,258	9	0	10	yes	TE
at_locus.07488	4	7,032,372	7,032,548	7	0	2	no	TE
at_locus.07489	4	7,033,499	7,033,617	4	0	0	yes	TE
at_locus.07490	4	7,034,247	7,034,271	4	0	0	no	TE
at_locus.07491	4	7,034,610	7,034,748	5	0	0	yes	TE



at_locus.07492	4	7,040,891	7,040,982	10	0	0	yes	TE
at_locus.07493	4	7,041,404	7,041,625	4	0	0	yes	
at_locus.07494	4	7,058,874	7,059,099	17	0	0	no	TE
at_locus.07495	4	7,059,451	7,059,985	20	2	2	no	TE
at_locus.07496	4	7,060,463	7,060,692	4	0	0	no	TE
at_locus.07497	4	7,061,764	7,062,053	2	0	4	no	TE
at_locus.07498	4	7,084,155	7,084,207	8	0	0	no	TE
at_locus.07499	4	7,084,521	7,084,626	5	0	2	no	TE
at_locus.07500	4	7,100,076	7,100,575	5	0	1	yes	
at_locus.07501	4	7,102,438	7,102,624	12	0	0	yes	TE
at_locus.07502	4	7,150,021	7,150,162	6	0	0	yes	TE
at_locus.07503	4	7,154,775	7,155,271	33	0	1	no	TE
at_locus.07504	4	7,178,610	7,179,237	16	0	14	yes	TE
at_locus.07505	4	7,231,384	7,231,491	10	0	0	no	TE
at_locus.07507	4	7,235,167	7,235,245	6	0	1	no	TE
at_locus.07508	4	7,235,812	7,236,130	3	0	2	no	TE
at_locus.07509	4	7,249,669	7,249,807	7	0	0	yes	
at_locus.07510	4	7,250,579	7,251,295	24	0	15	yes	TE
at_locus.07511	4	7,267,426	7,267,576	8	0	0	yes	
at_locus.07512	4	7,300,479	7,300,649	6	1	0	yes	TE
at_locus.07513	4	7,318,569	7,318,691	4	0	0	yes	
at_locus.07514	4	7,346,031	7,346,106	7	0	0	yes	
at_locus.07515	4	7,358,703	7,358,846	6	0	0	yes	
at_locus.07516	4	7,359,242	7,360,277	81	1	10	yes	TE
at_locus.07517	4	7,360,994	7,361,318	11	1	4	no	TE
at_locus.07518	4	7,361,575	7,363,310	62	0	16	no	TE
at_locus.07519	4	7,363,693	7,364,587	55	1	16	yes	TE
at_locus.07520	4	7,383,414	7,383,534	6	0	0	no	TE
at_locus.07521	4	7,384,250	7,384,277	4	0	0	no	TE
at_locus.07522	4	7,390,942	7,390,997	5	0	0	yes	TE
at_locus.07523	4	7,404,025	7,404,068	10	0	0	no	TE
at_locus.07524	4	7,425,679	7,425,786	18	1	2	yes	TE
at_locus.07525	4	7,426,152	7,426,177	11	0	1	no	TE
at_locus.07526	4	7,469,515	7,469,534	0	4	0	yes	
at_locus.07527	4	7,524,760	7,525,160	4	0	0	yes	TE
at_locus.07528	4	7,526,409	7,526,626	6	0	0	yes	TE
at_locus.07529	4	7,554,975	7,555,162	5	0	2	yes	TE

at_locus.07530	4	7,555,595	7,555,729	8	0	1	yes	
at_locus.07531	4	7,556,101	7,556,305	0	0	4	yes	
at_locus.07532	4	7,564,180	7,565,287	27	0	11	yes	TE
at_locus.07533	4	7,577,976	7,578,096	6	0	0	no	TE
at_locus.07534	4	7,578,315	7,579,092	8	0	4	no	TE
at_locus.07535	4	7,591,750	7,591,897	8	0	1	yes	
at_locus.07536	4	7,592,355	7,593,000	287	5	249	yes	
at_locus.07537	4	7,593,258	7,593,377	5	0	5	yes	TE
at_locus.07538	4	7,688,034	7,688,442	11	0	2	yes	
at_locus.07539	4	7,689,488	7,689,815	6	2	1	no	TE
at_locus.07540	4	7,690,884	7,690,955	4	0	0	no	
at_locus.07541	4	7,692,755	7,693,082	5	2	1	no	TE
at_locus.07542	4	7,694,152	7,694,223	4	0	0	no	
at_locus.07543	4	7,696,006	7,696,333	5	2	1	no	TE
at_locus.07544	4	7,697,403	7,697,474	4	0	0	no	
at_locus.07545	4	7,699,257	7,699,584	6	2	1	no	TE
at_locus.07546	4	7,700,654	7,700,725	4	0	0	no	
at_locus.07547	4	7,702,523	7,702,850	6	2	0	yes	TE
at_locus.07548	4	7,703,919	7,703,990	4	0	0	no	
at_locus.07549	4	7,735,663	7,735,851	4	0	1	yes	
at_locus.07550	4	7,774,540	7,774,579	20	0	1	yes	
at_locus.07551	4	7,784,841	7,785,062	1	0	3	yes	
at_locus.07552	4	7,812,962	7,813,195	6	0	5	yes	
at_locus.07553	4	7,816,823	7,817,642	61	1	7	yes	TE
at_locus.07554	4	7,818,175	7,818,532	19	1	13	no	TE
at_locus.07555	4	7,819,155	7,820,417	53	0	18	yes	TE
at_locus.07556	4	7,820,893	7,821,787	78	1	18	no	TE
at_locus.07557	4	7,830,191	7,830,377	22	0	1	no	TE
at_locus.07558	4	7,838,299	7,838,628	14	0	1	yes	TE
at_locus.07559	4	7,853,102	7,853,136	10	0	0	no	TE
at_locus.07560	4	7,853,444	7,853,529	16	0	0	no	TE
at_locus.07561	4	7,863,456	7,863,537	6	0	1	yes	
at_locus.07562	4	7,870,494	7,870,515	0	4	0	yes	
at_locus.07563	4	7,881,787	7,882,233	8	0	10	yes	
at_locus.07564	4	7,882,844	7,882,960	5	11	7	yes	
at_locus.07565	4	7,889,809	7,889,970	4	0	0	yes	
at_locus.07566	4	7,896,301	7,896,454	6	0	0	yes	TE

at_locus.07567	4	7,896,787	7,896,992	4	0	0	yes	TE
at_locus.07568	4	7,905,257	7,905,406	7	0	0	yes	TE
at_locus.07569	4	7,905,691	7,906,535	26	0	0	yes	TE
at_locus.07570	4	7,923,415	7,923,702	24	0	0	yes	TE
at_locus.07571	4	7,944,562	7,945,135	34	1	13	yes	
at_locus.07572	4	7,988,878	7,989,314	8	0	6	yes	
at_locus.07573	4	8,030,375	8,030,678	11	0	0	yes	TE
at_locus.07574	4	8,056,214	8,056,390	0	4	1	yes	
at_locus.07575	4	8,063,572	8,063,657	11	0	0	no	TE
at_locus.07576	4	8,064,313	8,064,597	8	0	0	no	TE
at_locus.07577	4	8,064,852	8,065,028	14	0	0	no	TE
at_locus.07578	4	8,065,263	8,065,697	49	4	0	no	TE
at_locus.07579	4	8,130,637	8,130,756	13	0	1	no	TE
at_locus.07580	4	8,131,079	8,131,187	4	0	0	no	TE
at_locus.07581	4	8,131,458	8,131,766	3	0	4	yes	
at_locus.07582	4	8,141,904	8,141,930	5	0	0	yes	TE
at_locus.07583	4	8,262,310	8,262,797	8	0	0	yes	
at_locus.07584	4	8,263,440	8,263,704	9	1	0	yes	
at_locus.07585	4	8,264,991	8,265,091	9	0	1	yes	
at_locus.07586	4	8,265,298	8,265,536	5	0	1	yes	
at_locus.07587	4	8,271,325	8,271,446	5	0	0	yes	
at_locus.07588	4	8,317,682	8,317,859	0	0	4	yes	TE
at_locus.07589	4	8,326,934	8,327,105	7	0	0	yes	
at_locus.07590	4	8,345,638	8,345,720	12	0	0	yes	TE
at_locus.07591	4	8,404,454	8,404,546	0	0	6	yes	
at_locus.07592	4	8,404,629	8,404,863	5	0	0	yes	
at_locus.07593	4	8,405,132	8,405,273	14	0	0	yes	
at_locus.07594	4	8,421,279	8,421,877	24	0	0	no	TE
at_locus.07595	4	8,442,918	8,443,022	12	0	2	no	TE
at_locus.07596	4	8,459,705	8,459,730	1	11	21	no	
at_locus.07597	4	8,460,051	8,460,227	0	4	1	yes	
at_locus.07598	4	8,465,849	8,466,000	9	0	0	yes	TE
at_locus.07599	4	8,504,140	8,504,304	35	111	26	yes	
at_locus.07600	4	8,564,183	8,564,433	6	0	1	no	TE
at_locus.07601	4	8,564,643	8,564,907	16	0	2	yes	TE
at_locus.07602	4	8,621,851	8,622,163	0	0	5	no	
at_locus.07603	4	8,670,539	8,670,745	7	0	2	yes	

at_locus.07604	4	8,671,066	8,671,164	11	0	0	yes	
at_locus.07606	4	8,718,281	8,718,422	9	0	0	no	
at_locus.07607	4	8,728,217	8,729,738	77	2	1	yes	TE
at_locus.07608	4	8,730,411	8,730,453	9	0	0	no	TE
at_locus.07609	4	8,769,247	8,769,297	4	0	0	no	TE
at_locus.07610	4	8,799,114	8,799,504	49	4	15	yes	TE
at_locus.07611	4	8,802,132	8,802,481	4	0	0	no	TE
at_locus.07612	4	8,802,811	8,802,914	7	0	1	no	TE
at_locus.07613	4	8,803,713	8,803,789	12	0	0	no	TE
at_locus.07614	4	8,811,442	8,811,465	4	0	0	no	TE
at_locus.07615	4	8,819,905	8,820,021	16	0	0	no	TE
at_locus.07616	4	8,836,589	8,836,875	7	0	1	yes	TE
at_locus.07617	4	8,858,741	8,858,970	8	0	0	yes	TE
at_locus.07618	4	8,899,077	8,899,164	5	0	0	no	TE
at_locus.07619	4	8,899,746	8,900,014	11	0	0	yes	TE
at_locus.07620	4	8,901,545	8,901,752	2	0	4	yes	TE
at_locus.07621	4	8,903,704	8,903,891	1	0	4	yes	TE
at_locus.07622	4	8,905,947	8,906,145	5	0	3	yes	
at_locus.07623	4	8,942,395	8,943,053	11	0	15	yes	
at_locus.07624	4	8,947,560	8,947,723	9	0	0	no	TE
at_locus.07625	4	8,947,995	8,948,494	23	0	28	yes	
at_locus.07626	4	8,958,029	8,958,539	15	0	2	no	TE
at_locus.07627	4	8,959,645	8,959,756	5	0	0	yes	
at_locus.07628	4	9,048,999	9,049,481	15	0	4	yes	TE
at_locus.07629	4	9,079,174	9,079,474	27	0	1	no	TE
at_locus.07630	4	9,111,605	9,111,803	17	0	0	no	TE
at_locus.07631	4	9,112,030	9,112,117	7	0	0	no	TE
at_locus.07632	4	9,145,318	9,145,617	2	0	10	yes	
at_locus.07633	4	9,146,491	9,146,941	28	0	0	no	TE
at_locus.07634	4	9,162,271	9,162,703	26	2	39	yes	
at_locus.07635	4	9,163,478	9,163,793	66	1	29	yes	
at_locus.07636	4	9,172,824	9,172,860	5	0	5	no	
at_locus.07637	4	9,188,783	9,189,207	4	0	1	yes	TE
at_locus.07638	4	9,192,560	9,192,646	6	0	0	no	TE
at_locus.07639	4	9,284,802	9,284,913	48	1	4	no	TE
at_locus.07640	4	9,309,329	9,309,580	5	0	0	yes	
at_locus.07641	4	9,320,427	9,320,575	10	0	0	no	TE

at_locus.07642	4	9,357,154	9,357,385	11	0	0	yes	TE
at_locus.07643	4	9,368,743	9,369,020	16	1	2	no	TE
at_locus.07644	4	9,438,856	9,438,889	5	0	0	no	TE
at_locus.07645	4	9,440,050	9,440,326	21	0	0	no	TE
at_locus.07646	4	9,521,335	9,521,472	5	0	1	no	
at_locus.07647	4	9,541,326	9,541,463	5	0	1	no	
at_locus.07648	4	9,560,801	9,560,907	6	0	0	yes	
at_locus.07649	4	9,570,515	9,571,334	41	3	10	yes	TE
at_locus.07650	4	9,571,885	9,572,441	14	0	12	yes	TE
at_locus.07651	4	9,573,283	9,574,275	20	0	10	yes	TE
at_locus.07652	4	9,574,647	9,575,618	25	3	18	no	TE
at_locus.07653	4	9,762,939	9,763,151	4	0	0	no	TE
at_locus.07654	4	9,763,742	9,763,827	12	0	0	no	TE
at_locus.07655	4	9,795,572	9,795,793	6	0	3	no	TE
at_locus.07656	4	9,797,190	9,797,803	11	0	2	yes	TE
at_locus.07657	4	9,798,404	9,798,616	5	0	1	yes	TE
at_locus.07658	4	9,800,976	9,801,122	5	0	6	yes	
at_locus.07659	4	9,802,024	9,802,520	8	1	16	yes	
at_locus.07660	4	9,842,579	9,842,613	8	0	0	no	TE
at_locus.07661	4	9,888,999	9,889,019	8	36	17	no	
at_locus.07662	4	9,909,014	9,909,107	25	1	0	no	TE
at_locus.07663	4	9,909,194	9,910,000	12	0	17	yes	TE
at_locus.07664	4	9,910,390	9,910,719	10	0	2	yes	TE
at_locus.07665	4	9,910,943	9,911,675	12	0	14	no	TE
at_locus.07666	4	9,912,341	9,912,816	16	0	13	no	TE
at_locus.07667	4	9,913,314	9,913,997	51	1	6	no	TE
at_locus.07668	4	9,954,287	9,954,316	0	0	4	no	TE
at_locus.07669	4	9,955,331	9,955,501	3	0	7	no	TE
at_locus.07670	4	9,955,733	9,957,222	21	2	26	yes	TE
at_locus.07671	4	9,961,928	9,962,287	26	2	4	yes	
at_locus.07672	4	9,989,432	9,990,325	35	0	32	yes	TE
at_locus.07673	4	10,112,321	10,112,479	4	14	8	yes	
at_locus.07674	4	10,171,555	10,171,826	4	0	1	yes	
at_locus.07675	4	10,175,027	10,175,288	4	0	1	yes	TE
at_locus.07676	4	10,178,806	10,179,090	4	0	0	yes	
at_locus.07677	4	10,189,583	10,189,665	7	0	0	yes	
at_locus.07678	4	10,266,517	10,266,638	10	0	0	yes	

at_locus.07679	4	10,270,525	10,270,968	8	0	6	no	TE
at_locus.07680	4	10,271,210	10,271,294	5	0	1	no	TE
at_locus.07682	4	10,359,619	10,359,670	6	0	0	yes	
at_locus.07683	4	10,395,488	10,395,796	25	1	0	no	TE
at_locus.07684	4	10,396,032	10,396,109	24	0	0	no	TE
at_locus.07685	4	10,396,346	10,396,664	13	0	0	no	TE
at_locus.07686	4	10,401,474	10,401,729	8	0	0	yes	TE
at_locus.07687	4	10,427,196	10,427,338	15	0	1	yes	TE
at_locus.07688	4	10,492,600	10,492,663	11	0	0	yes	
at_locus.07689	4	10,538,729	10,539,502	25	0	11	no	TE
at_locus.07690	4	10,544,953	10,545,309	4	0	1	no	TE
at_locus.07691	4	10,545,536	10,545,890	8	0	7	no	TE
at_locus.07692	4	10,547,721	10,547,801	4	0	0	no	TE
at_locus.07693	4	10,547,826	10,548,062	0	0	4	no	TE
at_locus.07694	4	10,578,663	10,578,768	68	167	156	yes	
at_locus.07695	4	10,631,338	10,631,388	15	0	2	no	TE
at_locus.07696	4	10,633,369	10,633,568	16	1	0	yes	TE
at_locus.07697	4	10,647,449	10,647,491	4	0	1	yes	TE
at_locus.07698	4	10,648,456	10,648,669	5	0	0	yes	TE
at_locus.07699	4	10,711,731	10,711,752	0	1	5	yes	
at_locus.07700	4	10,716,795	10,716,908	6	0	0	yes	
at_locus.07701	4	10,770,215	10,770,880	20	0	28	yes	TE
at_locus.07702	4	10,792,618	10,792,707	9	0	0	yes	TE
at_locus.07703	4	10,870,831	10,870,884	6	0	0	yes	TE
at_locus.07704	4	10,899,579	10,900,284	37	3	5	yes	TE
at_locus.07705	4	10,901,093	10,901,450	15	1	10	no	TE
at_locus.07706	4	10,901,678	10,902,093	5	0	1	no	TE
at_locus.07707	4	10,902,310	10,903,423	53	0	12	no	TE
at_locus.07708	4	10,903,714	10,904,865	70	3	22	yes	TE
at_locus.07709	4	10,959,574	10,959,766	5	0	0	yes	TE
at_locus.07710	4	11,000,374	11,000,546	5	0	0	yes	TE
at_locus.07711	4	11,080,621	11,081,394	24	0	10	no	TE
at_locus.07712	4	11,097,759	11,097,927	1	0	5	no	TE
at_locus.07713	4	11,109,909	11,109,944	6	0	1	no	TE
at_locus.07714	4	11,111,789	11,112,034	6	0	5	no	TE
at_locus.07715	4	11,112,942	11,112,964	4	0	0	yes	TE
at_locus.07716	4	11,123,763	11,124,454	11	1	10	yes	TE

at_locus.07717	4	11,137,555	11,137,936	17	0	4	no	TE
at_locus.07718	4	11,139,089	11,139,299	4	0	0	yes	TE
at_locus.07719	4	11,192,288	11,193,103	87	5	2	no	TE
at_locus.07720	4	11,193,329	11,193,579	6	1	0	no	TE
at_locus.07721	4	11,208,605	11,209,309	1	0	2	no	
at_locus.07722	4	11,224,594	11,224,727	4	0	0	no	TE
at_locus.07723	4	11,230,775	11,230,945	7	0	0	no	
at_locus.07724	4	11,231,606	11,231,638	4	0	1	yes	
at_locus.07725	4	11,255,773	11,255,849	4	0	0	yes	
at_locus.07726	4	11,360,881	11,360,966	16	0	0	no	TE
at_locus.07727	4	11,361,575	11,361,887	10	0	0	no	TE
at_locus.07728	4	11,362,109	11,362,424	31	3	0	no	TE
at_locus.07729	4	11,362,663	11,362,733	11	0	0	no	TE
at_locus.07730	4	11,375,389	11,375,567	43	94	78	yes	
at_locus.07731	4	11,383,494	11,384,508	52	80	169	yes	
at_locus.07732	4	11,389,409	11,389,546	6	4	5	no	
at_locus.07733	4	11,474,349	11,474,840	26	4	30	yes	
at_locus.07734	4	11,475,101	11,475,276	7	0	2	yes	
at_locus.07735	4	11,483,103	11,483,127	15	18	25	yes	
at_locus.07736	4	11,676,530	11,676,779	9	0	0	no	TE
at_locus.07737	4	11,677,076	11,677,386	1	0	5	no	TE
at_locus.07738	4	11,677,778	11,678,283	2	0	5	no	TE
at_locus.07739	4	11,678,984	11,679,410	1	0	4	yes	TE
at_locus.07740	4	11,679,631	11,679,800	5	0	0	no	TE
at_locus.07741	4	11,681,218	11,681,296	5	0	0	no	TE
at_locus.07742	4	11,696,232	11,696,384	4	0	0	yes	TE
at_locus.07744	4	11,829,277	11,829,514	0	0	9	yes	
at_locus.07745	4	11,832,464	11,833,048	14	0	7	yes	
at_locus.07746	4	11,834,142	11,834,353	4	0	1	yes	TE
at_locus.07747	4	11,837,418	11,838,015	7	0	4	no	TE
at_locus.07748	4	11,962,971	11,962,991	0	4	5	yes	
at_locus.07749	4	11,963,519	11,963,799	14	0	0	yes	
at_locus.07750	4	11,979,524	11,979,576	7	0	0	yes	TE
at_locus.07751	4	12,093,350	12,093,987	28	0	11	yes	TE
at_locus.07752	4	12,225,624	12,225,786	2	5	5	yes	
at_locus.07753	4	12,352,970	12,353,140	162	1541	365	yes	
at_locus.07754	4	12,365,076	12,365,217	7	0	0	yes	TE

at_locus.07755	4	12,365,526	12,365,616	7	0	0	no	TE
at_locus.07756	4	12,433,581	12,433,633	11	0	4	no	
at_locus.07757	4	12,433,895	12,435,371	172	3	147	yes	TE
at_locus.07758	4	12,484,601	12,485,624	79	1	74	yes	
at_locus.07759	4	12,566,203	12,566,228	0	4	0	yes	
at_locus.07760	4	12,598,939	12,599,285	8	0	14	yes	
at_locus.07761	4	12,606,611	12,607,055	19	0	1	no	TE
at_locus.07762	4	12,625,138	12,625,159	242	358	156	yes	
at_locus.07763	4	12,699,247	12,699,374	8	0	0	no	TE
at_locus.07764	4	12,700,312	12,700,512	6	1	1	yes	
at_locus.07765	4	12,713,183	12,713,377	4	0	0	yes	
at_locus.07766	4	12,713,697	12,714,031	7	0	1	yes	
at_locus.07767	4	12,768,852	12,769,214	14	0	0	yes	
at_locus.07768	4	12,829,446	12,829,789	23	0	0	yes	
at_locus.07769	4	12,830,198	12,830,284	7	0	0	no	TE
at_locus.07770	4	12,841,560	12,842,654	114	1	153	yes	
at_locus.07771	4	12,842,789	12,843,258	37	0	10	yes	
at_locus.07772	4	12,844,158	12,844,491	7	0	1	yes	TE
at_locus.07773	4	12,844,981	12,845,031	4	0	0	no	TE
at_locus.07774	4	12,862,611	12,862,694	7	0	3	yes	
at_locus.07775	4	12,863,172	12,863,625	50	3	37	yes	
at_locus.07776	4	12,870,937	12,870,956	0	4	0	yes	
at_locus.07777	4	12,892,470	12,892,732	10	0	0	no	
at_locus.07778	4	13,020,009	13,020,031	4	0	0	yes	
at_locus.07779	4	13,038,441	13,038,675	3	0	0	yes	
at_locus.07780	4	13,123,984	13,124,410	10	0	0	yes	TE
at_locus.07781	4	13,293,105	13,293,238	31	0	3	yes	
at_locus.07782	4	13,294,077	13,294,948	30	0	2	yes	
at_locus.07783	4	13,295,849	13,296,116	8	46	6	yes	
at_locus.07784	4	13,329,128	13,329,153	5	0	0	no	TE
at_locus.07785	4	13,369,578	13,369,927	16	0	0	yes	
at_locus.07786	4	13,418,363	13,418,485	9	0	2	yes	TE
at_locus.07787	4	13,419,272	13,419,307	10	0	0	no	TE
at_locus.07789	4	13,472,574	13,473,104	21	2	40	yes	
at_locus.07790	4	13,537,110	13,537,223	5	0	1	no	TE
at_locus.07791	4	13,537,584	13,537,934	8	0	1	no	TE
at_locus.07792	4	13,580,308	13,580,727	12	1	5	yes	



at_locus.07793	4	13,657,048	13,657,406	62	3	0	yes	
at_locus.07794	4	13,782,215	13,782,316	11	38	13	no	
at_locus.07795	4	13,887,324	13,887,365	5	0	0	no	TE
at_locus.07796	4	13,902,645	13,903,244	255	9	250	yes	
at_locus.07797	4	13,951,402	13,951,804	20	1	11	no	
at_locus.07798	4	14,045,658	14,045,723	14	0	0	yes	
at_locus.07799	4	14,122,137	14,122,416	23	0	0	yes	TE
at_locus.07800	4	14,249,982	14,250,939	24	0	7	yes	TE
at_locus.07801	4	14,267,972	14,268,013	3	0	4	yes	
at_locus.07802	4	14,272,265	14,272,650	5	2	4	yes	
at_locus.07803	4	14,280,453	14,280,774	2	0	5	no	TE
at_locus.07804	4	14,281,150	14,281,616	0	1	7	no	TE
at_locus.07805	4	14,281,626	14,281,931	4	0	0	no	TE
at_locus.07806	4	14,282,304	14,282,540	6	0	1	no	TE
at_locus.07807	4	14,283,327	14,283,459	4	0	3	no	TE
at_locus.07808	4	14,283,887	14,285,299	18	0	15	no	TE
at_locus.07809	4	14,285,557	14,286,489	5	0	7	no	TE
at_locus.07810	4	14,287,984	14,288,282	10	0	6	yes	TE
at_locus.07811	4	14,328,124	14,328,154	18	1	5	yes	TE
at_locus.07812	4	14,333,576	14,333,697	7	0	0	yes	TE
at_locus.07813	4	14,390,270	14,390,986	28	1	1	no	TE
at_locus.07814	4	14,434,147	14,434,224	5	0	0	yes	
at_locus.07815	4	14,457,840	14,457,955	10	0	0	no	TE
at_locus.07816	4	14,458,219	14,458,288	10	0	0	no	TE
at_locus.07817	4	14,531,285	14,532,264	152	7	119	yes	
at_locus.07818	4	14,546,370	14,546,555	5	0	0	yes	
at_locus.07819	4	14,582,246	14,582,459	13	0	0	yes	TE
at_locus.07820	4	14,887,485	14,887,557	5	0	0	yes	TE
at_locus.07821	4	14,967,295	14,967,658	6	0	0	no	
at_locus.07822	4	14,977,988	14,978,196	1	0	4	yes	TE
at_locus.07823	4	14,979,181	14,979,649	9	0	2	yes	TE
at_locus.07824	4	14,987,616	14,987,909	7	0	0	no	
at_locus.07825	4	14,989,053	14,989,079	0	0	4	no	
at_locus.07826	4	14,989,666	14,989,695	8	1	1	no	
at_locus.07827	4	15,012,661	15,013,128	23	0	1	no	TE
at_locus.07828	4	15,013,417	15,013,705	2	0	3	no	TE
at_locus.07829	4	15,013,921	15,014,171	6	0	0	no	TE

at_locus.07830	4	15,014,456	15,014,861	6	0	5	no	TE
at_locus.07831	4	15,065,926	15,066,001	7	0	0	yes	
at_locus.07832	4	15,066,624	15,066,732	5	0	0	yes	TE
at_locus.07833	4	15,074,951	15,075,032	28	64	12	yes	
at_locus.07834	4	15,250,154	15,250,171	0	0	43	no	
at_locus.07835	4	15,373,536	15,373,569	4	0	0	yes	
at_locus.07836	4	15,415,432	15,415,516	28	66	11	yes	
at_locus.07837	4	15,441,659	15,442,192	14	0	2	no	TE
at_locus.07838	4	15,466,957	15,467,125	2	2	8	yes	
at_locus.07839	4	15,481,594	15,481,614	0	4	0	yes	
at_locus.07840	4	15,595,869	15,596,111	14	0	0	yes	TE
at_locus.07841	4	15,596,379	15,596,714	20	0	2	yes	TE
at_locus.07842	4	15,695,697	15,696,139	33	0	0	yes	
at_locus.07843	4	15,696,384	15,696,650	17	2	4	yes	
at_locus.07844	4	15,698,776	15,699,214	4	0	0	yes	TE
at_locus.07845	4	15,816,200	15,816,685	12	0	0	yes	TE
at_locus.07846	4	15,860,163	15,860,289	5	0	0	yes	
at_locus.07847	4	15,922,841	15,922,998	8	0	1	yes	TE
at_locus.07848	4	15,923,872	15,924,046	21	1	2	yes	TE
at_locus.07849	4	15,965,123	15,965,242	2	13	9	yes	
at_locus.07850	4	16,055,389	16,055,607	8	0	1	no	TE
at_locus.07851	4	16,058,592	16,058,754	9	1	0	no	
at_locus.07852	4	16,320,964	16,321,022	5	0	1	no	
at_locus.07853	4	16,325,471	16,325,867	7	0	1	yes	
at_locus.07854	4	16,481,286	16,481,320	1	0	0	no	
at_locus.07855	4	16,555,570	16,556,117	16	0	12	yes	
at_locus.07856	4	16,729,235	16,729,390	5	0	0	yes	TE
at_locus.07857	4	16,754,852	16,754,931	11	30	8	no	
at_locus.07858	4	16,863,270	16,863,704	12	0	0	no	TE
at_locus.07859	4	16,863,939	16,864,313	14	0	0	no	TE
at_locus.07860	4	16,864,990	16,865,075	16	0	0	no	TE
at_locus.07861	4	16,921,038	16,921,109	10	0	0	no	
at_locus.07862	4	17,081,149	17,081,526	5	0	1	yes	
at_locus.07863	4	17,081,741	17,081,771	9	1	0	yes	
at_locus.07865	4	17,212,671	17,213,201	8	1	15	yes	
at_locus.07866	4	17,213,956	17,214,000	10	0	2	yes	
at_locus.07867	4	17,227,517	17,227,693	13	0	7	yes	

at_locus.07868	4	17,448,981	17,449,122	4	0	0	no	TE
at_locus.07869	4	17,449,811	17,450,736	12	0	6	yes	TE
at_locus.07870	4	17,624,724	17,625,083	5	0	0	yes	
at_locus.07871	4	17,636,539	17,637,971	73	2	53	yes	
at_locus.07872	4	17,638,239	17,638,344	5	0	1	yes	
at_locus.07873	4	17,654,922	17,655,065	15	0	2	yes	TE
at_locus.07874	4	17,655,895	17,655,947	8	0	0	no	TE
at_locus.07875	4	17,711,808	17,711,856	2	0	5	yes	
at_locus.07876	4	18,087,253	18,087,382	0	2	1	no	TE
at_locus.07877	4	18,132,998	18,133,026	1	0	4	no	
at_locus.07878	4	18,182,269	18,182,707	7	0	3	yes	
at_locus.07879	4	18,232,339	18,233,019	21	0	0	yes	
at_locus.07881	4	18,255,864	18,256,829	149	4	200	yes	
at_locus.07882	4	18,280,504	18,280,827	19	0	1	yes	
at_locus.07884	4	18,362,018	18,362,058	4	0	0	yes	
at_locus.07885	4	18,482,177	18,482,376	8	0	4	yes	
at_locus.07886	4	18,532,407	18,532,552	11	0	1	yes	TE
at_locus.07888	5	56,684	56,807	20	0	0	yes	TE
at_locus.07889	5	64,817	65,086	39	0	2	no	TE
at_locus.07890	5	65,964	66,411	5	0	4	yes	TE
at_locus.07891	5	67,062	67,608	4	0	8	yes	TE
at_locus.07892	5	70,908	71,278	39	0	2	yes	TE
at_locus.07893	5	91,128	91,264	5	0	0	yes	
at_locus.07894	5	142,609	142,632	2	1	8	yes	
at_locus.07896	5	179,535	180,119	9	1	12	yes	
at_locus.07897	5	250,186	250,476	6	0	0	yes	
at_locus.07898	5	250,805	251,117	14	0	0	yes	
at_locus.07899	5	287,502	287,733	188	505	152	yes	
at_locus.07900	5	347,740	348,298	5	0	1	no	TE
at_locus.07901	5	349,821	349,888	6	0	0	yes	TE
at_locus.07902	5	350,161	350,405	5	0	0	no	TE
at_locus.07903	5	354,085	354,352	15	0	0	no	TE
at_locus.07904	5	355,003	356,115	21	2	3	yes	TE
at_locus.07905	5	393,608	394,194	67	0	6	yes	TE
at_locus.07906	5	394,621	394,649	6	0	0	no	TE
at_locus.07907	5	486,856	486,996	19	1	0	yes	
at_locus.07908	5	491,820	491,965	17	1	0	yes	

at_locus.07909	5	548,550	548,575	0	4	0	no	
at_locus.07910	5	660,605	660,786	4	0	0	yes	
at_locus.07911	5	706,927	706,973	4	0	0	yes	TE
at_locus.07912	5	743,988	744,158	12	0	0	no	TE
at_locus.07913	5	744,461	744,803	0	0	2	no	TE
at_locus.07914	5	745,023	745,154	21	0	0	no	TE
at_locus.07915	5	765,921	766,097	10	0	0	yes	
at_locus.07916	5	838,175	838,329	0	0	4	yes	
at_locus.07917	5	838,867	839,263	10	0	12	yes	
at_locus.07919	5	897,024	897,353	6	25	7	yes	
at_locus.07920	5	1,026,666	1,027,009	5	0	0	no	TE
at_locus.07921	5	1,066,139	1,066,964	11	0	17	yes	TE
at_locus.07922	5	1,067,199	1,067,626	10	0	0	no	TE
at_locus.07923	5	1,115,380	1,115,659	12	0	1	yes	
at_locus.07924	5	1,181,971	1,182,298	2	0	5	yes	
at_locus.07925	5	1,188,211	1,188,298	33	97	148	yes	
at_locus.07926	5	1,229,867	1,230,379	7	0	7	yes	
at_locus.07927	5	1,322,777	1,323,145	0	0	5	yes	
at_locus.07928	5	1,410,419	1,410,965	172	2	218	yes	
at_locus.07929	5	1,411,167	1,411,482	6	1	6	yes	
at_locus.07930	5	1,486,799	1,486,828	7	0	0	yes	
at_locus.07931	5	1,501,714	1,501,842	5	0	0	yes	
at_locus.07932	5	1,516,221	1,516,330	6	0	0	yes	TE
at_locus.07933	5	1,518,770	1,519,052	22	1	0	yes	
at_locus.07934	5	1,655,045	1,655,275	13	0	11	yes	
at_locus.07935	5	1,754,927	1,754,974	11	0	0	yes	
at_locus.07937	5	1,811,921	1,812,371	25	0	11	yes	
at_locus.07938	5	1,812,797	1,813,269	20	0	7	yes	
at_locus.07939	5	1,867,652	1,867,833	0	3	5	yes	
at_locus.07940	5	1,871,127	1,871,186	7	0	0	yes	
at_locus.07941	5	1,871,556	1,871,607	7	1	0	no	
at_locus.07942	5	1,872,016	1,872,246	21	0	5	yes	
at_locus.07943	5	1,896,800	1,897,012	13	1	0	no	TE
at_locus.07944	5	1,897,247	1,897,387	31	2	1	no	TE
at_locus.07945	5	1,897,669	1,897,931	7	2	0	no	TE
at_locus.07946	5	2,036,586	2,037,586	6	2	8	yes	
at_locus.07947	5	2,039,894	2,040,267	5	0	2	yes	

at_locus.07948	5	2,040,603	2,041,608	8	1	4	yes	
at_locus.07949	5	2,187,057	2,188,235	31	1	5	yes	TE
at_locus.07950	5	2,188,628	2,188,781	6	0	1	no	TE
at_locus.07951	5	2,189,046	2,189,095	6	0	0	no	TE
at_locus.07952	5	2,253,185	2,253,308	4	0	0	yes	
at_locus.07953	5	2,262,582	2,262,785	0	0	5	yes	
at_locus.07954	5	2,289,413	2,289,704	8	0	1	yes	TE
at_locus.07955	5	2,346,596	2,346,721	0	0	4	yes	
at_locus.07956	5	2,347,732	2,348,337	18	0	1	no	TE
at_locus.07957	5	2,348,564	2,348,620	5	0	0	no	TE
at_locus.07958	5	2,353,490	2,353,620	4	0	0	yes	
at_locus.07959	5	2,394,323	2,394,818	0	0	2	no	
at_locus.07961	5	2,436,960	2,436,979	1	5	0	yes	
at_locus.07962	5	2,559,957	2,560,096	5	0	0	yes	
at_locus.07963	5	2,603,249	2,603,322	21	0	2	no	TE
at_locus.07964	5	2,603,588	2,603,720	4	0	1	no	TE
at_locus.07965	5	2,604,138	2,605,258	30	0	5	no	TE
at_locus.07966	5	2,634,936	2,635,020	33	107	61	yes	
at_locus.07967	5	2,656,133	2,656,200	7	0	0	yes	
at_locus.07968	5	2,759,926	2,759,946	0	5	0	yes	
at_locus.07969	5	2,838,738	2,838,760	75	438	189	yes	
at_locus.07970	5	2,840,709	2,840,730	75	438	188	no	
at_locus.07971	5	2,860,592	2,860,625	10	0	0	no	
at_locus.07972	5	2,896,180	2,896,228	4	0	0	yes	
at_locus.07973	5	2,946,700	2,946,721	0	4	0	yes	
at_locus.07974	5	2,957,227	2,957,654	10	0	0	yes	
at_locus.07976	5	3,005,481	3,005,499	0	4	0	no	
at_locus.07977	5	3,005,877	3,006,321	12	0	0	yes	TE
at_locus.07978	5	3,006,620	3,007,071	7	0	5	no	TE
at_locus.07979	5	3,014,957	3,015,174	1	12	2	yes	
at_locus.07980	5	3,019,107	3,019,305	10	0	1	no	TE
at_locus.07981	5	3,020,112	3,020,197	11	0	0	no	TE
at_locus.07983	5	3,111,020	3,111,065	33	156	385	no	
at_locus.07984	5	3,114,652	3,115,027	8	0	1	no	TE
at_locus.07985	5	3,115,297	3,115,701	5	0	5	no	TE
at_locus.07986	5	3,116,080	3,116,201	7	0	1	no	TE
at_locus.07987	5	3,116,517	3,116,548	5	0	0	no	TE

at_locus.07988	5	3,161,623	3,161,671	4	0	0	no	
at_locus.07989	5	3,161,963	3,162,411	10	0	1	no	TE
at_locus.07990	5	3,248,281	3,248,618	1	0	4	no	
at_locus.07991	5	3,253,037	3,253,250	5	1	11	yes	
at_locus.07992	5	3,311,086	3,311,115	7	0	0	yes	
at_locus.07994	5	3,373,008	3,373,107	14	0	1	no	TE
at_locus.07995	5	3,456,644	3,456,734	62	140	30	yes	
at_locus.07996	5	3,549,897	3,549,987	12	0	0	no	
at_locus.07997	5	3,566,353	3,566,423	4	0	0	yes	TE
at_locus.07998	5	3,566,635	3,566,816	4	0	0	yes	TE
at_locus.08000	5	3,688,523	3,688,700	9	0	2	yes	TE
at_locus.08001	5	3,751,258	3,751,857	11	0	12	yes	
at_locus.08002	5	3,752,082	3,752,819	367	10	260	yes	
at_locus.08003	5	3,753,178	3,753,802	27	0	6	yes	
at_locus.08004	5	3,815,150	3,815,330	5	0	0	yes	
at_locus.08005	5	3,867,214	3,867,234	28	64	11	no	
at_locus.08006	5	3,962,316	3,962,339	0	5	0	yes	
at_locus.08007	5	4,141,193	4,141,454	2	0	11	yes	
at_locus.08008	5	4,161,987	4,162,307	3	6	13	no	
at_locus.08009	5	4,208,123	4,208,815	57	0	2	no	TE
at_locus.08010	5	4,210,031	4,210,174	1	0	4	no	TE
at_locus.08011	5	4,210,656	4,211,023	6	0	1	no	TE
at_locus.08012	5	4,211,852	4,211,897	0	0	6	no	TE
at_locus.08013	5	4,211,923	4,212,412	4	0	2	no	TE
at_locus.08014	5	4,212,662	4,213,015	54	0	1	no	TE
at_locus.08015	5	4,312,437	4,312,514	8	0	0	no	TE
at_locus.08016	5	4,313,229	4,313,541	11	0	0	no	TE
at_locus.08017	5	4,314,047	4,314,595	13	0	1	yes	TE
at_locus.08018	5	4,322,342	4,322,908	0	0	6	yes	
at_locus.08019	5	4,325,348	4,325,584	4	0	0	no	
at_locus.08020	5	4,479,447	4,479,544	5	7	7	yes	
at_locus.08021	5	4,529,548	4,529,971	10	0	1	yes	TE
at_locus.08022	5	4,641,357	4,641,709	11	0	0	yes	
at_locus.08023	5	4,690,036	4,690,091	0	2	6	yes	
at_locus.08024	5	4,691,037	4,691,130	1	4	8	no	
at_locus.08025	5	4,694,709	4,694,801	1	4	8	no	
at_locus.08026	5	4,776,076	4,776,286	28	2	0	no	

at_locus.08027	5	4,780,336	4,780,650	33	2	0	no	TE
at_locus.08028	5	4,780,917	4,780,963	28	0	0	no	TE
at_locus.08029	5	4,781,229	4,781,541	10	2	0	no	TE
at_locus.08030	5	4,787,498	4,787,811	1	0	5	yes	TE
at_locus.08031	5	4,800,314	4,800,696	3	0	5	no	TE
at_locus.08032	5	4,855,789	4,856,096	6	1	7	yes	
at_locus.08033	5	4,866,320	4,866,484	1	1	7	yes	
at_locus.08034	5	4,866,727	4,866,748	1	0	5	yes	
at_locus.08036	5	4,970,290	4,970,331	4	0	0	yes	TE
at_locus.08037	5	4,970,540	4,971,022	6	0	1	no	TE
at_locus.08038	5	5,008,392	5,008,438	4	0	0	no	
at_locus.08039	5	5,062,381	5,062,622	5	0	2	no	TE
at_locus.08040	5	5,063,528	5,063,608	10	0	1	no	TE
at_locus.08041	5	5,097,434	5,097,802	19	0	1	yes	
at_locus.08042	5	5,098,066	5,098,159	8	0	2	no	
at_locus.08043	5	5,098,378	5,098,520	8	0	0	no	TE
at_locus.08044	5	5,111,388	5,112,143	22	0	3	yes	TE
at_locus.08045	5	5,113,697	5,113,829	4	0	0	no	TE
at_locus.08046	5	5,114,058	5,114,759	12	0	2	yes	TE
at_locus.08047	5	5,128,507	5,128,988	17	0	2	yes	TE
at_locus.08048	5	5,129,608	5,129,837	7	0	0	no	TE
at_locus.08049	5	5,220,062	5,220,139	0	0	4	yes	TE
at_locus.08050	5	5,288,511	5,288,703	18	0	0	yes	
at_locus.08051	5	5,427,957	5,428,803	39	2	0	no	TE
at_locus.08052	5	5,429,033	5,429,345	12	2	0	no	TE
at_locus.08053	5	5,429,980	5,430,019	7	0	0	no	TE
at_locus.08054	5	5,461,635	5,462,118	1	4	0	yes	
at_locus.08055	5	5,625,189	5,625,525	13	0	0	yes	TE
at_locus.08056	5	5,643,957	5,644,250	7	0	0	no	
at_locus.08057	5	5,644,886	5,645,504	8	1	8	yes	TE
at_locus.08058	5	5,645,863	5,645,889	0	0	4	no	
at_locus.08059	5	5,646,471	5,646,530	10	0	0	yes	
at_locus.08060	5	5,647,980	5,648,148	15	0	0	yes	TE
at_locus.08061	5	5,674,261	5,674,677	4	1	4	yes	
at_locus.08062	5	5,749,189	5,749,365	37	0	0	yes	
at_locus.08063	5	5,792,553	5,792,637	4	0	0	yes	
at_locus.08064	5	5,801,418	5,802,073	43	0	1	yes	

at_locus.08065	5	5,855,493	5,855,785	14	1	27	yes	
at_locus.08066	5	5,938,972	5,939,045	0	4	0	yes	
at_locus.08067	5	5,969,472	5,970,499	8	0	8	no	TE
at_locus.08068	5	5,976,875	5,977,603	27	0	0	yes	TE
at_locus.08069	5	5,977,833	5,978,055	12	0	0	no	TE
at_locus.08070	5	6,073,053	6,073,289	5	0	1	yes	TE
at_locus.08071	5	6,206,072	6,206,330	8	0	0	no	
at_locus.08072	5	6,206,554	6,207,431	7	1	7	no	TE
at_locus.08073	5	6,211,989	6,212,267	0	0	4	yes	
at_locus.08074	5	6,330,934	6,330,957	0	4	0	yes	
at_locus.08075	5	6,341,824	6,341,951	14	0	0	yes	
at_locus.08076	5	6,351,273	6,351,436	6	0	1	yes	TE
at_locus.08077	5	6,361,340	6,361,379	13	0	0	yes	
at_locus.08078	5	6,398,124	6,398,393	13	0	1	yes	
at_locus.08079	5	6,403,699	6,403,944	0	0	4	yes	TE
at_locus.08080	5	6,419,948	6,420,045	7	0	0	no	TE
at_locus.08081	5	6,440,234	6,440,601	29	0	8	yes	
at_locus.08082	5	6,440,975	6,441,470	85	2	13	yes	
at_locus.08083	5	6,443,949	6,443,975	4	0	0	no	
at_locus.08084	5	6,539,382	6,539,448	4	0	0	yes	
at_locus.08085	5	6,630,780	6,631,950	19	1	8	no	TE
at_locus.08086	5	6,632,253	6,633,810	16	0	3	no	TE
at_locus.08087	5	6,634,113	6,634,831	9	0	8	yes	TE
at_locus.08088	5	6,634,850	6,635,474	18	1	2	yes	TE
at_locus.08089	5	6,690,793	6,690,824	1	0	0	no	
at_locus.08090	5	6,701,931	6,702,140	14	0	0	no	TE
at_locus.08091	5	6,702,354	6,702,418	6	0	0	yes	TE
at_locus.08092	5	6,789,389	6,789,428	5	0	0	yes	
at_locus.08093	5	6,869,388	6,869,628	13	0	0	yes	
at_locus.08094	5	6,888,454	6,888,470	1	1	4	no	
at_locus.08095	5	6,906,729	6,906,791	4	0	0	yes	TE
at_locus.08096	5	6,915,022	6,915,728	23	0	9	yes	TE
at_locus.08097	5	6,926,112	6,926,318	4	0	0	yes	TE
at_locus.08098	5	6,937,551	6,937,577	8	0	1	no	TE
at_locus.08099	5	6,982,226	6,982,438	5	0	0	yes	
at_locus.08100	5	7,027,462	7,027,689	8	0	1	yes	
at_locus.08101	5	7,028,121	7,028,383	6	0	6	yes	TE



at_locus.08102	5	7,031,749	7,032,098	6	0	0	yes	
at_locus.08103	5	7,037,796	7,037,815	0	0	4	yes	
at_locus.08104	5	7,038,886	7,038,978	0	0	5	yes	
at_locus.08105	5	7,042,697	7,042,925	5	0	3	yes	TE
at_locus.08106	5	7,056,228	7,056,573	8	0	0	no	TE
at_locus.08107	5	7,056,850	7,058,130	78	2	19	yes	TE
at_locus.08108	5	7,070,035	7,070,381	5	0	0	yes	TE
at_locus.08109	5	7,153,409	7,153,741	8	0	0	no	TE
at_locus.08110	5	7,154,356	7,154,658	16	0	1	no	TE
at_locus.08111	5	7,185,248	7,185,270	4	0	0	yes	TE
at_locus.08112	5	7,190,399	7,190,524	7	0	0	yes	
at_locus.08113	5	7,261,303	7,261,396	4	0	0	yes	
at_locus.08114	5	7,272,726	7,272,784	4	0	0	yes	
at_locus.08115	5	7,352,483	7,352,735	4	0	0	yes	TE
at_locus.08116	5	7,378,008	7,378,208	5	0	0	yes	
at_locus.08117	5	7,415,298	7,415,645	1	0	5	yes	
at_locus.08118	5	7,415,866	7,416,047	16	0	5	yes	TE
at_locus.08119	5	7,417,336	7,417,787	16	1	1	no	TE
at_locus.08120	5	7,457,457	7,457,653	17	0	1	yes	TE
at_locus.08121	5	7,488,194	7,488,310	13	0	0	no	TE
at_locus.08122	5	7,488,951	7,488,978	4	0	0	no	TE
at_locus.08123	5	7,490,972	7,491,075	4	0	0	yes	TE
at_locus.08124	5	7,504,446	7,504,477	8	0	0	no	
at_locus.08125	5	7,605,948	7,605,996	10	0	0	yes	
at_locus.08126	5	7,639,243	7,640,081	85	1	80	yes	
at_locus.08127	5	7,640,637	7,641,260	72	1	3	yes	
at_locus.08128	5	7,641,536	7,641,603	4	0	0	yes	
at_locus.08129	5	7,648,301	7,648,355	7	2	0	yes	TE
at_locus.08130	5	7,648,400	7,649,490	43	2	37	yes	TE
at_locus.08131	5	7,649,764	7,649,862	7	0	2	yes	
at_locus.08132	5	7,683,792	7,684,310	20	26	69	yes	
at_locus.08133	5	7,684,561	7,685,078	18	22	67	yes	
at_locus.08134	5	7,700,643	7,700,667	4	0	0	no	TE
at_locus.08135	5	7,701,120	7,701,182	5	0	0	no	TE
at_locus.08136	5	7,711,746	7,712,324	22	2	1	yes	TE
at_locus.08137	5	7,712,725	7,713,132	20	0	0	yes	TE
at_locus.08138	5	7,740,612	7,740,699	33	107	61	yes	

at_locus.08139	5	7,777,192	7,777,365	7	0	0	yes	
at_locus.08140	5	7,800,734	7,800,853	5	0	0	yes	TE
at_locus.08141	5	7,818,059	7,818,235	14	0	0	no	TE
at_locus.08142	5	7,824,483	7,824,805	5	0	0	yes	
at_locus.08143	5	7,833,888	7,833,968	13	0	1	no	TE
at_locus.08144	5	7,934,912	7,935,080	5	0	0	yes	
at_locus.08145	5	7,971,829	7,972,073	8	0	0	yes	
at_locus.08146	5	7,991,246	7,991,885	21	0	7	yes	
at_locus.08147	5	8,067,875	8,067,935	4	0	0	yes	
at_locus.08148	5	8,133,599	8,133,974	9	0	0	yes	
at_locus.08149	5	8,160,913	8,160,971	6	0	0	yes	
at_locus.08150	5	8,177,807	8,178,160	8	0	3	yes	
at_locus.08151	5	8,187,274	8,187,449	4	0	0	yes	
at_locus.08152	5	8,204,045	8,204,403	7	0	7	yes	
at_locus.08153	5	8,280,723	8,280,769	7	0	0	no	TE
at_locus.08154	5	8,281,342	8,281,414	4	0	0	yes	TE
at_locus.08155	5	8,290,653	8,290,804	7	0	0	yes	TE
at_locus.08156	5	8,313,241	8,314,148	26	1	4	no	TE
at_locus.08157	5	8,353,322	8,353,460	44	3	0	no	TE
at_locus.08158	5	8,353,886	8,354,338	17	0	0	no	TE
at_locus.08159	5	8,368,960	8,369,104	14	0	1	no	TE
at_locus.08160	5	8,398,119	8,398,395	17	0	0	yes	TE
at_locus.08161	5	8,404,491	8,404,610	6	0	0	yes	TE
at_locus.08162	5	8,404,908	8,405,019	6	0	0	no	TE
at_locus.08163	5	8,419,476	8,420,001	20	0	8	yes	
at_locus.08164	5	8,439,964	8,440,024	6	0	0	yes	
at_locus.08165	5	8,446,251	8,446,463	18	0	0	yes	TE
at_locus.08166	5	8,452,584	8,453,104	8	0	8	yes	
at_locus.08167	5	8,501,522	8,501,678	4	1	0	no	
at_locus.08168	5	8,503,853	8,503,924	0	0	8	yes	TE
at_locus.08169	5	8,506,215	8,506,373	5	0	0	yes	
at_locus.08170	5	8,507,829	8,508,231	2	7	2	yes	
at_locus.08171	5	8,508,552	8,508,708	4	1	0	no	
at_locus.08172	5	8,527,511	8,527,535	114	197	125	yes	
at_locus.08173	5	8,538,584	8,538,841	5	1	1	yes	
at_locus.08174	5	8,549,560	8,549,901	14	0	1	yes	TE
at_locus.08175	5	8,550,520	8,551,130	4	0	4	no	TE

at_locus.08176	5	8,572,960	8,573,176	0	0	5	yes	
at_locus.08177	5	8,575,651	8,575,751	4	0	1	yes	TE
at_locus.08178	5	8,588,903	8,589,081	7	0	0	yes	
at_locus.08179	5	8,594,173	8,594,352	6	1	0	yes	TE
at_locus.08180	5	8,601,820	8,602,035	8	0	0	no	TE
at_locus.08181	5	8,611,699	8,611,734	14	0	0	yes	TE
at_locus.08182	5	8,613,990	8,614,664	22	0	10	yes	
at_locus.08183	5	8,617,718	8,617,802	4	0	1	yes	
at_locus.08184	5	8,624,537	8,624,809	31	0	0	no	TE
at_locus.08185	5	8,625,106	8,625,416	1	0	5	no	TE
at_locus.08186	5	8,625,808	8,626,313	2	0	5	no	TE
at_locus.08187	5	8,627,667	8,627,836	5	0	0	no	TE
at_locus.08188	5	8,628,799	8,629,221	1	0	5	yes	TE
at_locus.08189	5	8,629,227	8,629,336	30	0	0	no	TE
at_locus.08190	5	8,675,323	8,676,377	16	0	10	yes	TE
at_locus.08191	5	8,683,593	8,684,253	13	2	0	yes	TE
at_locus.08192	5	8,684,563	8,684,626	18	0	1	yes	TE
at_locus.08193	5	8,684,846	8,685,095	5	0	0	yes	
at_locus.08194	5	8,702,929	8,703,503	20	0	23	yes	TE
at_locus.08195	5	8,716,060	8,716,175	4	1	0	yes	
at_locus.08196	5	8,716,503	8,716,575	4	0	0	yes	
at_locus.08197	5	8,721,521	8,722,878	17	1	8	yes	TE
at_locus.08198	5	8,723,343	8,723,571	9	0	0	yes	
at_locus.08199	5	8,728,316	8,728,468	6	0	4	yes	
at_locus.08200	5	8,744,630	8,745,422	48	3	1	yes	TE
at_locus.08201	5	8,745,689	8,746,010	11	0	0	no	TE
at_locus.08202	5	8,746,619	8,746,704	16	0	0	no	TE
at_locus.08203	5	8,748,936	8,749,466	20	0	0	yes	TE
at_locus.08204	5	8,766,017	8,766,708	11	2	3	yes	TE
at_locus.08205	5	8,766,963	8,767,211	35	2	1	no	TE
at_locus.08206	5	8,769,448	8,769,633	47	1	2	yes	TE
at_locus.08207	5	8,770,519	8,770,644	16	0	0	no	TE
at_locus.08208	5	8,783,352	8,783,728	11	0	7	yes	TE
at_locus.08209	5	8,810,475	8,811,344	48	1	47	yes	
at_locus.08210	5	8,811,759	8,812,245	41	0	58	yes	
at_locus.08211	5	8,813,069	8,813,482	23	0	21	yes	
at_locus.08212	5	8,824,483	8,824,670	11	0	0	yes	

at_locus.08213	5	8,825,154	8,826,268	312	2	233	yes	
at_locus.08214	5	8,827,283	8,827,511	4	0	1	yes	TE
at_locus.08215	5	8,827,733	8,828,290	9	0	2	yes	TE
at_locus.08216	5	8,860,716	8,860,957	20	1	0	yes	TE
at_locus.08217	5	8,873,047	8,873,340	5	0	0	yes	
at_locus.08218	5	8,893,319	8,893,381	10	0	0	yes	
at_locus.08219	5	8,896,668	8,896,810	7	0	0	no	TE
at_locus.08220	5	8,897,026	8,897,119	8	0	2	no	
at_locus.08221	5	8,897,383	8,897,695	23	0	1	yes	
at_locus.08222	5	8,919,027	8,919,274	9	0	0	yes	
at_locus.08223	5	8,927,913	8,928,290	40	0	0	yes	TE
at_locus.08224	5	8,931,500	8,931,766	2	0	6	no	TE
at_locus.08225	5	8,934,016	8,934,285	39	0	0	no	TE
at_locus.08227	5	8,958,230	8,958,741	0	11	3	yes	
at_locus.08228	5	8,962,195	8,962,435	0	4	0	yes	
at_locus.08229	5	8,972,807	8,972,968	2	5	4	yes	
at_locus.08230	5	9,020,399	9,020,440	6	0	0	yes	TE
at_locus.08231	5	9,021,335	9,021,450	4	0	0	no	TE
at_locus.08232	5	9,021,947	9,022,254	13	0	6	no	TE
at_locus.08233	5	9,048,843	9,048,874	5	0	0	no	TE
at_locus.08234	5	9,068,274	9,068,389	13	0	0	no	TE
at_locus.08235	5	9,069,321	9,070,659	80	0	24	no	TE
at_locus.08236	5	9,096,092	9,096,115	4	0	0	yes	
at_locus.08237	5	9,098,814	9,098,901	2	4	0	yes	
at_locus.08238	5	9,113,795	9,114,068	29	0	5	yes	
at_locus.08239	5	9,114,789	9,115,119	28	1	2	yes	
at_locus.08240	5	9,133,964	9,134,153	9	0	0	no	TE
at_locus.08241	5	9,134,439	9,134,620	5	0	0	yes	TE
at_locus.08242	5	9,136,129	9,136,149	28	64	11	no	
at_locus.08243	5	9,155,919	9,156,356	14	0	0	yes	TE
at_locus.08244	5	9,169,399	9,169,540	4	0	3	yes	
at_locus.08245	5	9,181,822	9,189,262	156	5	163	yes	TE
at_locus.08246	5	9,203,264	9,203,527	4	0	0	yes	
at_locus.08247	5	9,226,834	9,226,882	5	0	0	yes	
at_locus.08248	5	9,237,629	9,237,652	4	0	0	yes	
at_locus.08249	5	9,259,326	9,259,355	4	0	0	yes	TE
at_locus.08250	5	9,275,568	9,275,723	5	0	1	yes	TE

at_locus.08251	5	9,280,512	9,280,710	6	0	0	yes	
at_locus.08252	5	9,282,152	9,282,243	4	0	0	no	
at_locus.08253	5	9,290,294	9,290,771	6	0	6	yes	
at_locus.08254	5	9,321,443	9,321,658	18	0	7	yes	TE
at_locus.08255	5	9,321,780	9,322,522	9	0	11	yes	TE
at_locus.08256	5	9,323,725	9,323,861	4	0	0	yes	
at_locus.08257	5	9,324,226	9,324,806	14	1	14	yes	
at_locus.08258	5	9,340,072	9,340,293	7	0	0	no	TE
at_locus.08259	5	9,340,913	9,341,140	32	0	1	yes	TE
at_locus.08260	5	9,343,632	9,344,395	28	0	11	yes	
at_locus.08261	5	9,346,556	9,346,835	9	0	1	yes	
at_locus.08262	5	9,357,741	9,357,917	10	0	0	yes	
at_locus.08263	5	9,381,716	9,382,287	48	3	14	no	TE
at_locus.08264	5	9,382,376	9,382,698	4	0	4	yes	TE
at_locus.08265	5	9,383,069	9,384,633	36	0	7	no	TE
at_locus.08266	5	9,384,965	9,385,482	11	1	4	no	TE
at_locus.08267	5	9,386,358	9,386,627	44	5	5	yes	TE
at_locus.08268	5	9,394,222	9,394,339	4	0	0	yes	
at_locus.08269	5	9,396,288	9,396,436	5	0	2	no	TE
at_locus.08270	5	9,414,177	9,414,201	4	0	0	yes	TE
at_locus.08271	5	9,428,599	9,428,869	13	0	4	yes	
at_locus.08272	5	9,444,240	9,444,748	13	1	7	yes	
at_locus.08273	5	9,462,543	9,462,972	9	0	3	no	TE
at_locus.08274	5	9,487,404	9,487,648	4	0	0	yes	
at_locus.08275	5	9,545,137	9,545,421	9	0	0	yes	
at_locus.08276	5	9,545,882	9,546,238	5	0	1	no	TE
at_locus.08277	5	9,552,636	9,552,960	8	0	0	yes	TE
at_locus.08278	5	9,557,664	9,558,783	36	0	1	yes	TE
at_locus.08279	5	9,559,425	9,559,510	16	0	0	no	TE
at_locus.08280	5	9,561,721	9,561,768	7	0	0	yes	
at_locus.08281	5	9,563,216	9,563,584	7	1	1	no	TE
at_locus.08282	5	9,563,829	9,564,058	7	0	11	yes	TE
at_locus.08283	5	9,564,626	9,564,954	1	0	4	no	TE
at_locus.08284	5	9,565,654	9,565,954	1	0	16	no	TE
at_locus.08285	5	9,567,071	9,568,491	6	0	34	yes	TE
at_locus.08286	5	9,569,057	9,569,219	1	0	4	no	TE
at_locus.08287	5	9,569,454	9,569,891	2	0	8	no	TE

at_locus.08288	5	9,570,570	9,570,974	0	0	7	no	TE
at_locus.08289	5	9,574,713	9,574,959	4	0	0	no	TE
at_locus.08290	5	9,590,413	9,590,498	16	0	0	no	TE
at_locus.08291	5	9,590,947	9,591,417	12	2	0	yes	TE
at_locus.08292	5	9,591,668	9,592,362	36	2	2	no	TE
at_locus.08293	5	9,604,598	9,604,821	2	0	5	no	
at_locus.08294	5	9,612,225	9,612,408	14	0	10	yes	
at_locus.08295	5	9,612,641	9,612,670	4	0	0	no	TE
at_locus.08296	5	9,616,271	9,616,686	5	0	2	yes	TE
at_locus.08297	5	9,616,920	9,616,970	9	0	0	yes	TE
at_locus.08298	5	9,632,172	9,632,684	22	1	1	yes	
at_locus.08299	5	9,637,178	9,637,273	4	0	4	yes	
at_locus.08300	5	9,639,041	9,639,177	22	0	0	no	TE
at_locus.08301	5	9,639,409	9,640,037	14	0	1	no	TE
at_locus.08302	5	9,644,527	9,644,717	9	1	0	yes	TE
at_locus.08303	5	9,664,942	9,665,072	4	0	0	no	TE
at_locus.08304	5	9,686,250	9,686,381	4	0	0	yes	
at_locus.08305	5	9,709,538	9,709,892	7	1	1	no	TE
at_locus.08306	5	9,710,467	9,710,921	7	1	5	yes	TE
at_locus.08307	5	9,721,948	9,722,086	6	0	1	yes	TE
at_locus.08308	5	9,738,751	9,740,442	30	1	16	yes	TE
at_locus.08309	5	9,741,739	9,741,863	4	0	0	yes	TE
at_locus.08310	5	9,750,863	9,751,659	38	0	19	yes	TE
at_locus.08311	5	9,751,902	9,753,941	99	2	42	yes	TE
at_locus.08312	5	9,754,301	9,754,546	4	0	1	no	TE
at_locus.08313	5	9,755,896	9,756,589	17	0	1	yes	
at_locus.08314	5	9,756,844	9,756,918	6	0	1	no	
at_locus.08315	5	9,758,309	9,758,402	0	0	4	yes	TE
at_locus.08316	5	9,763,037	9,763,123	15	0	0	yes	TE
at_locus.08317	5	9,770,617	9,770,646	4	0	0	no	TE
at_locus.08318	5	9,789,487	9,789,616	1	6	0	yes	
at_locus.08319	5	9,800,145	9,800,273	5	0	3	yes	
at_locus.08320	5	9,800,512	9,801,462	209	4	172	yes	
at_locus.08321	5	9,802,053	9,802,359	1	0	4	yes	TE
at_locus.08322	5	9,832,579	9,832,633	0	0	4	no	
at_locus.08323	5	9,832,709	9,832,740	2	4	0	no	
at_locus.08324	5	9,840,884	9,841,320	15	0	13	yes	

at_locus.08325	5	9,849,350	9,849,513	5	0	0	yes	
at_locus.08326	5	9,852,688	9,852,708	4	38	12	yes	
at_locus.08327	5	9,854,350	9,854,777	10	0	0	no	TE
at_locus.08328	5	9,866,847	9,866,874	4	0	0	no	TE
at_locus.08329	5	9,867,568	9,867,637	16	0	0	no	TE
at_locus.08330	5	9,872,448	9,872,810	26	0	1	yes	
at_locus.08331	5	9,877,718	9,877,929	19	0	0	yes	
at_locus.08332	5	9,888,940	9,889,032	4	0	0	yes	TE
at_locus.08333	5	9,890,388	9,890,671	4	0	0	no	TE
at_locus.08334	5	9,891,345	9,891,557	5	0	0	no	TE
at_locus.08335	5	9,891,686	9,893,407	17	0	21	yes	TE
at_locus.08336	5	9,893,785	9,894,482	10	0	17	yes	TE
at_locus.08337	5	9,894,817	9,895,234	7	0	10	yes	TE
at_locus.08338	5	9,895,595	9,895,820	0	0	5	no	TE
at_locus.08339	5	9,895,962	9,896,891	11	0	28	yes	TE
at_locus.08340	5	9,897,108	9,897,175	26	0	4	no	TE
at_locus.08341	5	9,930,940	9,931,112	31	2	2	no	TE
at_locus.08342	5	9,931,973	9,932,144	25	1	1	yes	TE
at_locus.08343	5	9,940,073	9,940,145	13	1	2	yes	
at_locus.08344	5	9,963,073	9,963,386	31	2	0	no	TE
at_locus.08345	5	9,963,621	9,964,329	45	4	1	no	TE
at_locus.08346	5	9,964,936	9,965,021	16	0	0	no	TE
at_locus.08347	5	9,972,018	9,972,514	11	0	14	yes	
at_locus.08348	5	9,979,103	9,979,177	14	0	0	no	TE
at_locus.08349	5	9,980,986	9,981,391	0	0	5	yes	TE
at_locus.08350	5	9,981,534	9,981,722	4	0	0	yes	TE
at_locus.08351	5	9,983,717	9,983,794	8	0	0	no	
at_locus.08352	5	9,988,115	9,988,257	7	0	0	yes	TE
at_locus.08353	5	9,992,400	9,992,666	6	0	5	yes	
at_locus.08354	5	9,993,731	9,993,897	3	0	1	no	TE
at_locus.08355	5	9,998,258	9,998,283	4	0	0	no	TE
at_locus.08356	5	10,019,321	10,019,527	7	0	2	yes	TE
at_locus.08357	5	10,025,825	10,025,941	20	1	1	yes	TE
at_locus.08358	5	10,041,818	10,042,364	27	0	0	no	TE
at_locus.08359	5	10,052,319	10,052,460	1	0	4	yes	TE
at_locus.08360	5	10,058,394	10,058,493	4	0	1	yes	TE
at_locus.08361	5	10,065,414	10,065,724	10	0	3	yes	

at_locus.08362	5	10,067,428	10,068,620	29	1	13	yes	
at_locus.08363	5	10,073,221	10,073,489	9	0	5	yes	
at_locus.08364	5	10,073,689	10,074,978	47	0	37	yes	TE
at_locus.08365	5	10,076,240	10,076,307	0	0	7	yes	
at_locus.08366	5	10,084,209	10,084,412	6	0	0	no	
at_locus.08367	5	10,088,129	10,088,301	4	0	3	no	TE
at_locus.08368	5	10,099,748	10,099,963	6	0	0	yes	
at_locus.08369	5	10,106,720	10,107,801	16	1	14	yes	TE
at_locus.08370	5	10,108,293	10,108,440	2	0	5	no	TE
at_locus.08371	5	10,109,498	10,110,863	26	1	22	no	TE
at_locus.08372	5	10,111,355	10,111,502	2	0	5	no	TE
at_locus.08373	5	10,112,560	10,113,925	30	1	23	no	TE
at_locus.08374	5	10,114,417	10,114,525	2	0	4	no	TE
at_locus.08375	5	10,119,633	10,119,813	8	0	0	yes	TE
at_locus.08376	5	10,122,636	10,122,745	4	1	1	yes	TE
at_locus.08377	5	10,125,335	10,126,010	12	0	19	yes	TE
at_locus.08378	5	10,126,844	10,126,867	5	0	0	no	
at_locus.08379	5	10,127,012	10,127,090	0	0	4	yes	
at_locus.08380	5	10,142,006	10,142,277	0	0	4	no	TE
at_locus.08381	5	10,143,548	10,143,840	0	0	4	yes	TE
at_locus.08382	5	10,152,441	10,152,478	4	0	0	yes	
at_locus.08383	5	10,153,036	10,153,334	4	0	2	no	TE
at_locus.08384	5	10,158,054	10,158,643	13	1	12	no	TE
at_locus.08385	5	10,159,842	10,160,253	8	0	1	no	TE
at_locus.08386	5	10,160,797	10,160,912	6	0	3	yes	TE
at_locus.08387	5	10,165,076	10,165,194	15	1	0	yes	TE
at_locus.08388	5	10,172,748	10,173,169	7	0	14	yes	
at_locus.08389	5	10,173,754	10,174,123	7	0	1	yes	
at_locus.08390	5	10,175,364	10,175,574	41	0	16	yes	
at_locus.08391	5	10,178,714	10,178,986	1	0	7	yes	TE
at_locus.08392	5	10,179,189	10,179,356	7	0	14	yes	
at_locus.08393	5	10,180,127	10,180,580	3	0	10	yes	TE
at_locus.08394	5	10,187,523	10,187,998	14	0	1	no	TE
at_locus.08395	5	10,197,306	10,197,952	9	0	12	no	TE
at_locus.08396	5	10,198,161	10,199,033	20	0	6	yes	TE
at_locus.08397	5	10,205,712	10,206,053	6	0	10	yes	TE
at_locus.08398	5	10,210,216	10,210,285	7	0	0	no	TE



at_locus.08399	5	10,210,533	10,210,665	4	0	1	no	TE
at_locus.08400	5	10,211,494	10,211,821	12	0	0	no	TE
at_locus.08401	5	10,214,479	10,214,628	6	1	0	yes	
at_locus.08402	5	10,221,215	10,221,863	1	0	3	yes	
at_locus.08403	5	10,240,502	10,240,531	5	0	0	yes	
at_locus.08404	5	10,241,326	10,241,838	16	0	13	no	TE
at_locus.08405	5	10,242,705	10,242,993	4	0	8	yes	TE
at_locus.08406	5	10,243,226	10,244,622	23	0	27	no	TE
at_locus.08407	5	10,244,936	10,245,185	4	0	6	no	TE
at_locus.08408	5	10,245,418	10,245,849	6	0	12	no	TE
at_locus.08409	5	10,246,029	10,247,415	29	2	24	no	TE
at_locus.08410	5	10,247,729	10,247,978	4	0	6	no	TE
at_locus.08411	5	10,248,211	10,248,642	14	0	16	no	TE
at_locus.08412	5	10,248,822	10,250,208	29	2	24	no	TE
at_locus.08413	5	10,250,522	10,250,771	4	0	6	no	TE
at_locus.08414	5	10,251,004	10,251,435	14	0	16	no	TE
at_locus.08415	5	10,251,615	10,253,001	29	2	23	no	TE
at_locus.08416	5	10,253,315	10,253,564	4	0	6	no	TE
at_locus.08417	5	10,253,797	10,255,192	23	0	28	no	TE
at_locus.08418	5	10,256,241	10,256,519	0	0	6	no	TE
at_locus.08419	5	10,269,668	10,269,696	4	0	0	no	TE
at_locus.08420	5	10,270,446	10,270,524	9	0	1	no	TE
at_locus.08421	5	10,271,000	10,271,032	4	0	0	no	TE
at_locus.08422	5	10,284,172	10,284,202	4	0	0	yes	
at_locus.08423	5	10,290,965	10,291,691	3	0	9	yes	
at_locus.08424	5	10,317,233	10,317,832	3	0	10	no	TE
at_locus.08425	5	10,330,763	10,330,996	7	0	7	no	TE
at_locus.08426	5	10,338,061	10,338,658	3	0	11	no	TE
at_locus.08427	5	10,350,447	10,350,638	6	0	0	yes	TE
at_locus.08428	5	10,354,994	10,355,193	0	0	4	yes	TE
at_locus.08429	5	10,358,182	10,358,440	0	0	4	yes	
at_locus.08430	5	10,369,960	10,370,012	5	0	0	no	TE
at_locus.08431	5	10,370,378	10,370,451	4	0	0	yes	TE
at_locus.08432	5	10,370,920	10,370,958	4	0	0	no	
at_locus.08433	5	10,372,531	10,372,703	11	0	9	yes	
at_locus.08434	5	10,373,154	10,373,496	4	0	6	yes	TE
at_locus.08435	5	10,378,734	10,379,166	3	0	7	no	TE

at_locus.08436	5	10,385,124	10,385,394	9	0	3	yes	
at_locus.08437	5	10,394,261	10,394,422	10	1	1	no	TE
at_locus.08438	5	10,397,291	10,397,317	4	0	1	yes	
at_locus.08439	5	10,400,737	10,401,724	63	4	22	no	TE
at_locus.08440	5	10,402,013	10,403,748	59	0	22	no	TE
at_locus.08441	5	10,403,976	10,404,492	19	1	11	no	TE
at_locus.08442	5	10,405,131	10,405,880	63	4	9	no	TE
at_locus.08443	5	10,417,994	10,418,255	8	0	1	yes	TE
at_locus.08444	5	10,418,615	10,418,960	0	0	5	yes	TE
at_locus.08445	5	10,420,163	10,420,315	1	0	4	yes	
at_locus.08446	5	10,433,114	10,433,385	4	0	3	no	TE
at_locus.08447	5	10,435,036	10,435,383	2	0	3	no	TE
at_locus.08448	5	10,438,616	10,439,298	3	0	3	yes	TE
at_locus.08449	5	10,441,683	10,441,727	5	0	0	yes	TE
at_locus.08450	5	10,442,549	10,442,595	4	0	0	no	TE
at_locus.08451	5	10,443,210	10,443,351	1	0	8	no	TE
at_locus.08452	5	10,444,103	10,444,153	4	0	0	no	TE
at_locus.08453	5	10,445,180	10,446,259	19	0	23	no	TE
at_locus.08454	5	10,446,580	10,446,808	5	0	0	no	TE
at_locus.08455	5	10,475,153	10,475,447	8	1	1	yes	
at_locus.08456	5	10,479,865	10,480,537	25	2	1	yes	TE
at_locus.08457	5	10,528,255	10,528,373	5	0	0	yes	
at_locus.08458	5	10,533,063	10,533,286	1	0	4	no	TE
at_locus.08459	5	10,534,720	10,535,126	6	1	10	yes	
at_locus.08460	5	10,535,540	10,535,917	5	0	4	yes	
at_locus.08461	5	10,536,881	10,537,048	4	0	0	yes	TE
at_locus.08462	5	10,537,932	10,538,280	2	0	10	yes	
at_locus.08463	5	10,543,960	10,544,548	2	0	10	yes	TE
at_locus.08464	5	10,546,602	10,546,943	10	0	5	yes	
at_locus.08465	5	10,561,493	10,562,513	24	0	17	yes	TE
at_locus.08466	5	10,565,785	10,566,016	7	0	0	yes	
at_locus.08467	5	10,566,683	10,567,541	16	0	9	yes	
at_locus.08468	5	10,570,552	10,571,359	29	2	29	yes	
at_locus.08469	5	10,582,469	10,582,672	4	0	5	no	TE
at_locus.08470	5	10,583,043	10,583,215	4	0	3	no	TE
at_locus.08471	5	10,583,972	10,584,637	9	0	8	no	TE
at_locus.08472	5	10,588,429	10,588,761	7	0	4	no	TE

at_locus.08473	5	10,589,094	10,589,494	7	0	18	no	TE
at_locus.08474	5	10,590,038	10,590,200	0	0	6	no	TE
at_locus.08475	5	10,592,986	10,593,990	10	0	13	no	TE
at_locus.08476	5	10,594,225	10,594,517	9	0	6	no	TE
at_locus.08477	5	10,594,623	10,594,809	4	0	0	no	TE
at_locus.08478	5	10,595,484	10,596,325	21	1	16	no	TE
at_locus.08479	5	10,612,988	10,613,394	8	0	3	yes	
at_locus.08480	5	10,635,067	10,635,238	4	0	0	yes	TE
at_locus.08481	5	10,644,192	10,644,822	13	0	1	yes	TE
at_locus.08482	5	10,645,088	10,645,825	9	1	15	yes	TE
at_locus.08483	5	10,646,331	10,646,821	9	0	0	yes	TE
at_locus.08484	5	10,660,608	10,661,392	12	0	9	yes	TE
at_locus.08485	5	10,667,699	10,668,320	7	0	3	yes	TE
at_locus.08486	5	10,668,596	10,668,793	1	0	9	yes	TE
at_locus.08487	5	10,669,011	10,669,126	0	0	4	yes	TE
at_locus.08488	5	10,681,276	10,681,449	43	2	3	yes	TE
at_locus.08489	5	10,681,640	10,681,915	0	0	2	no	TE
at_locus.08490	5	10,682,118	10,682,249	26	0	0	no	TE
at_locus.08491	5	10,695,747	10,696,114	16	0	2	no	TE
at_locus.08492	5	10,699,320	10,699,609	0	0	6	no	TE
at_locus.08493	5	10,701,839	10,702,055	7	0	0	yes	TE
at_locus.08494	5	10,706,390	10,706,536	4	0	2	yes	TE
at_locus.08495	5	10,714,416	10,715,005	24	1	0	yes	TE
at_locus.08496	5	10,715,263	10,715,744	42	4	0	yes	TE
at_locus.08497	5	10,731,248	10,731,633	1	0	5	no	TE
at_locus.08498	5	10,734,896	10,735,345	5	1	5	yes	TE
at_locus.08499	5	10,740,296	10,740,468	0	0	4	no	TE
at_locus.08500	5	10,745,713	10,745,865	3	0	6	yes	TE
at_locus.08501	5	10,746,918	10,747,284	6	0	2	yes	
at_locus.08502	5	10,755,394	10,755,439	0	0	5	yes	
at_locus.08503	5	10,760,073	10,760,526	11	0	7	yes	TE
at_locus.08504	5	10,760,928	10,760,997	0	0	5	yes	
at_locus.08505	5	10,761,203	10,761,615	6	0	6	yes	TE
at_locus.08506	5	10,762,273	10,762,643	6	0	6	yes	
at_locus.08507	5	10,764,308	10,769,968	148	4	161	yes	TE
at_locus.08508	5	10,770,027	10,770,616	10	0	24	no	TE
at_locus.08509	5	10,770,865	10,772,425	72	3	22	yes	TE

at_locus.08510	5	10,777,527	10,777,588	0	0	5	no	TE
at_locus.08511	5	10,777,819	10,778,219	10	0	9	no	TE
at_locus.08512	5	10,785,926	10,786,407	9	0	8	yes	TE
at_locus.08513	5	10,786,927	10,787,338	1	0	6	no	TE
at_locus.08514	5	10,827,198	10,827,469	9	0	5	yes	TE
at_locus.08515	5	10,845,173	10,845,877	10	0	1	yes	TE
at_locus.08516	5	10,854,934	10,855,021	4	0	1	yes	
at_locus.08517	5	10,855,683	10,856,066	7	0	0	yes	
at_locus.08518	5	10,867,810	10,867,923	6	0	7	no	TE
at_locus.08519	5	10,868,198	10,868,998	8	0	9	no	TE
at_locus.08520	5	10,873,665	10,873,757	4	0	0	no	TE
at_locus.08521	5	10,874,116	10,874,242	6	0	1	yes	TE
at_locus.08522	5	10,888,925	10,889,167	2	1	5	yes	TE
at_locus.08523	5	10,902,735	10,903,016	0	0	10	yes	TE
at_locus.08524	5	10,909,197	10,909,543	4	0	5	no	TE
at_locus.08525	5	10,915,602	10,915,624	0	0	4	yes	
at_locus.08526	5	10,915,998	10,916,115	1	0	5	yes	TE
at_locus.08527	5	10,916,353	10,916,803	5	0	2	no	TE
at_locus.08528	5	10,916,959	10,917,075	3	0	4	no	TE
at_locus.08529	5	10,924,287	10,924,333	9	0	0	no	TE
at_locus.08530	5	10,938,479	10,938,709	8	0	0	yes	TE
at_locus.08531	5	10,946,819	10,947,323	9	0	3	no	TE
at_locus.08532	5	10,947,506	10,947,648	2	0	4	no	TE
at_locus.08533	5	10,948,670	10,948,822	6	0	0	no	TE
at_locus.08534	5	10,952,179	10,952,726	8	0	3	no	TE
at_locus.08535	5	10,953,389	10,953,909	2	0	4	no	TE
at_locus.08536	5	10,956,256	10,956,441	0	0	3	yes	TE
at_locus.08537	5	10,962,103	10,962,128	4	0	0	no	TE
at_locus.08538	5	11,007,177	11,007,413	0	0	4	no	TE
at_locus.08539	5	11,013,742	11,013,989	6	0	1	no	TE
at_locus.08540	5	11,016,578	11,017,142	13	1	12	no	TE
at_locus.08541	5	11,018,722	11,018,944	5	0	3	no	TE
at_locus.08542	5	11,025,340	11,025,408	10	0	0	no	TE
at_locus.08543	5	11,026,134	11,026,380	6	0	0	no	TE
at_locus.08544	5	11,027,057	11,027,991	67	5	0	yes	TE
at_locus.08545	5	11,030,482	11,030,669	1	0	4	yes	
at_locus.08546	5	11,073,010	11,073,388	12	0	1	no	TE

at_locus.08547	5	11,074,893	11,075,196	0	0	5	yes	TE
at_locus.08548	5	11,075,330	11,075,555	4	0	3	no	TE
at_locus.08549	5	11,078,184	11,078,744	5	0	8	no	TE
at_locus.08550	5	11,078,957	11,079,957	14	0	16	no	TE
at_locus.08551	5	11,080,303	11,081,203	9	1	16	yes	TE
at_locus.08552	5	11,083,365	11,083,654	5	0	1	no	TE
at_locus.08553	5	11,083,656	11,084,485	12	0	18	no	TE
at_locus.08554	5	11,084,938	11,085,036	11	0	6	no	TE
at_locus.08555	5	11,085,414	11,085,570	4	0	2	no	TE
at_locus.08556	5	11,086,467	11,086,634	0	2	4	yes	
at_locus.08557	5	11,099,146	11,099,320	2	0	6	yes	TE
at_locus.08558	5	11,099,697	11,100,357	12	3	4	no	TE
at_locus.08559	5	11,100,827	11,101,000	2	0	4	no	TE
at_locus.08560	5	11,101,703	11,102,126	9	0	3	no	TE
at_locus.08561	5	11,102,396	11,102,819	4	0	5	yes	TE
at_locus.08562	5	11,110,355	11,110,768	0	0	5	no	TE
at_locus.08563	5	11,111,107	11,111,500	11	0	1	no	TE
at_locus.08564	5	11,118,758	11,119,137	7	0	1	no	TE
at_locus.08565	5	11,128,689	11,129,097	9	0	4	no	TE
at_locus.08566	5	11,134,757	11,134,868	4	0	2	no	TE
at_locus.08567	5	11,135,602	11,135,981	6	0	1	no	TE
at_locus.08568	5	11,138,504	11,139,273	17	2	8	no	TE
at_locus.08569	5	11,139,579	11,140,127	5	0	3	yes	TE
at_locus.08570	5	11,140,606	11,140,784	4	1	2	no	TE
at_locus.08571	5	11,143,045	11,143,210	5	0	3	no	TE
at_locus.08572	5	11,144,266	11,144,525	14	2	7	no	TE
at_locus.08573	5	11,144,736	11,145,096	5	0	4	no	TE
at_locus.08574	5	11,145,527	11,145,597	4	0	0	no	TE
at_locus.08575	5	11,146,068	11,146,281	2	0	5	no	TE
at_locus.08576	5	11,147,375	11,147,936	4	0	7	no	TE
at_locus.08577	5	11,150,532	11,150,769	4	0	0	yes	TE
at_locus.08578	5	11,159,559	11,159,714	0	0	4	no	TE
at_locus.08579	5	11,160,094	11,160,266	4	0	3	no	TE
at_locus.08580	5	11,161,223	11,161,840	6	0	4	no	TE
at_locus.08581	5	11,164,214	11,164,768	8	0	7	no	TE
at_locus.08582	5	11,164,966	11,165,121	2	0	4	no	TE
at_locus.08583	5	11,165,501	11,165,833	7	0	4	no	TE

at_locus.08584	5	11,170,901	11,171,241	3	0	4	no	TE
at_locus.08585	5	11,176,300	11,176,598	1	0	4	yes	TE
at_locus.08586	5	11,177,272	11,177,773	12	0	4	no	TE
at_locus.08587	5	11,181,033	11,182,166	28	0	7	no	TE
at_locus.08588	5	11,182,566	11,183,132	3	0	6	no	TE
at_locus.08589	5	11,184,556	11,188,947	331	288	405	yes	
at_locus.08590	5	11,194,932	11,195,507	12	4	9	no	TE
at_locus.08591	5	11,197,515	11,197,538	4	0	0	no	TE
at_locus.08592	5	11,202,555	11,202,579	4	0	1	no	
at_locus.08593	5	11,203,647	11,204,017	20	0	3	no	TE
at_locus.08594	5	11,204,780	11,205,560	7	0	8	no	TE
at_locus.08595	5	11,213,211	11,213,404	2	0	6	no	TE
at_locus.08596	5	11,213,634	11,213,781	9	0	9	no	TE
at_locus.08597	5	11,213,959	11,216,265	31	4	50	yes	TE
at_locus.08598	5	11,216,416	11,216,772	5	0	0	no	TE
at_locus.08599	5	11,224,662	11,224,830	0	0	4	no	TE
at_locus.08600	5	11,225,171	11,225,335	6	0	6	no	TE
at_locus.08601	5	11,225,847	11,226,306	63	104	175	no	TE
at_locus.08602	5	11,244,846	11,244,998	6	0	6	no	TE
at_locus.08603	5	11,246,170	11,255,054	43	0	44	yes	
at_locus.08604	5	11,255,292	11,255,760	32	0	33	no	
at_locus.08605	5	11,255,958	11,257,056	38	0	40	no	
at_locus.08606	5	11,257,254	11,283,764	48	0	44	yes	
at_locus.08607	5	11,283,878	11,285,376	26	0	25	yes	
at_locus.08608	5	11,289,136	11,289,298	4	1	4	yes	TE
at_locus.08609	5	11,293,948	11,294,181	5	0	0	no	
at_locus.08610	5	11,306,575	11,306,744	4	0	2	no	TE
at_locus.08611	5	11,314,753	11,314,909	8	0	0	yes	TE
at_locus.08612	5	11,321,335	11,321,538	3	0	4	no	TE
at_locus.08613	5	11,326,918	11,327,047	47	108	95	no	
at_locus.08614	5	11,327,281	11,327,581	6	15	28	yes	
at_locus.08615	5	11,327,950	11,328,375	33	89	72	yes	
at_locus.08616	5	11,328,703	11,328,806	2	9	15	no	
at_locus.08617	5	11,329,672	11,329,850	7	17	45	no	
at_locus.08618	5	11,330,730	11,330,753	7	0	1	no	
at_locus.08619	5	11,332,006	11,332,407	11	4	18	no	
at_locus.08620	5	11,333,069	11,333,094	1	4	2	yes	

at_locus.08621	5	11,333,465	11,333,484	0	5	2	no	
at_locus.08622	5	11,333,572	11,333,598	8	0	0	no	
at_locus.08623	5	11,333,792	11,333,990	2	6	4	yes	
at_locus.08624	5	11,337,587	11,337,620	4	0	0	no	TE
at_locus.08625	5	11,337,795	11,344,686	175	1	175	yes	TE
at_locus.08626	5	11,345,148	11,345,529	6	0	5	no	TE
at_locus.08627	5	11,345,804	11,346,186	5	0	5	no	TE
at_locus.08628	5	11,346,445	11,349,119	85	2	67	no	TE
at_locus.08629	5	11,354,844	11,355,267	8	0	4	no	TE
at_locus.08630	5	11,355,972	11,356,265	2	0	6	no	TE
at_locus.08631	5	11,364,790	11,365,236	5	0	2	no	TE
at_locus.08632	5	11,372,072	11,372,269	0	0	4	no	TE
at_locus.08633	5	11,372,540	11,372,630	0	0	4	no	TE
at_locus.08634	5	11,381,062	11,381,085	4	0	0	no	TE
at_locus.08635	5	11,385,368	11,385,523	4	0	5	yes	TE
at_locus.08636	5	11,388,990	11,389,201	0	0	5	no	TE
at_locus.08637	5	11,389,957	11,390,139	0	0	4	no	TE
at_locus.08638	5	11,390,516	11,390,727	4	0	2	no	TE
at_locus.08639	5	11,393,329	11,393,501	4	0	2	no	TE
at_locus.08640	5	11,396,095	11,396,327	6	0	1	no	TE
at_locus.08641	5	11,400,461	11,400,699	4	0	1	no	TE
at_locus.08642	5	11,401,067	11,401,267	8	0	1	yes	TE
at_locus.08643	5	11,401,503	11,401,713	4	0	2	no	TE
at_locus.08644	5	11,413,915	11,414,311	8	0	5	no	TE
at_locus.08645	5	11,414,450	11,414,627	3	0	5	no	TE
at_locus.08646	5	11,415,579	11,416,308	10	0	8	no	TE
at_locus.08647	5	11,416,562	11,416,591	0	0	4	no	TE
at_locus.08648	5	11,416,986	11,417,283	1	0	5	yes	TE
at_locus.08649	5	11,417,974	11,418,220	4	0	5	no	TE
at_locus.08650	5	11,419,428	11,420,414	35	3	25	yes	TE
at_locus.08651	5	11,420,696	11,422,237	16	1	20	no	TE
at_locus.08652	5	11,422,463	11,422,648	7	0	6	no	TE
at_locus.08653	5	11,423,542	11,424,460	7	3	13	no	TE
at_locus.08654	5	11,430,108	11,430,235	0	0	5	no	TE
at_locus.08655	5	11,430,737	11,431,090	4	0	7	no	TE
at_locus.08656	5	11,433,337	11,433,387	7	0	0	no	TE
at_locus.08657	5	11,433,945	11,434,125	25	0	3	yes	

at_locus.08658	5	11,437,824	11,437,951	1	0	5	no	TE
at_locus.08659	5	11,438,415	11,441,489	41	1	35	no	TE
at_locus.08660	5	11,441,705	11,442,180	8	0	10	no	TE
at_locus.08661	5	11,442,595	11,443,065	5	0	4	yes	TE
at_locus.08662	5	11,443,631	11,443,891	2	0	7	no	TE
at_locus.08663	5	11,444,150	11,444,505	5	0	7	no	TE
at_locus.08664	5	11,444,934	11,445,308	11	0	8	no	TE
at_locus.08665	5	11,445,487	11,445,864	5	0	2	no	TE
at_locus.08666	5	11,455,093	11,455,489	7	0	3	no	TE
at_locus.08667	5	11,455,853	11,456,383	13	3	18	no	TE
at_locus.08668	5	11,458,644	11,458,703	26	0	9	no	
at_locus.08669	5	11,477,584	11,477,789	3	0	4	no	TE
at_locus.08670	5	11,478,052	11,479,287	22	1	33	no	TE
at_locus.08671	5	11,485,442	11,485,679	1	0	5	no	TE
at_locus.08672	5	11,488,254	11,488,503	5	0	9	no	TE
at_locus.08673	5	11,496,508	11,496,677	4	0	2	no	TE
at_locus.08674	5	11,502,032	11,502,209	4	0	0	no	TE
at_locus.08675	5	11,503,234	11,503,711	2	1	5	no	TE
at_locus.08676	5	11,519,555	11,519,964	23	0	8	no	TE
at_locus.08677	5	11,530,228	11,530,513	15	0	0	no	TE
at_locus.08678	5	11,531,085	11,531,183	8	0	0	no	TE
at_locus.08679	5	11,532,047	11,532,448	11	0	6	no	TE
at_locus.08680	5	11,555,426	11,555,505	5	0	2	no	
at_locus.08681	5	11,589,987	11,590,063	0	0	4	no	TE
at_locus.08682	5	11,591,312	11,591,491	2	0	4	no	TE
at_locus.08683	5	11,594,532	11,594,603	9	0	2	no	TE
at_locus.08684	5	11,594,819	11,595,930	10	0	13	no	TE
at_locus.08685	5	11,596,980	11,597,054	1	0	4	no	TE
at_locus.08686	5	11,597,762	11,598,230	7	0	14	no	TE
at_locus.08687	5	11,599,886	11,600,072	7	0	3	yes	TE
at_locus.08688	5	11,600,588	11,601,321	6	0	11	yes	TE
at_locus.08689	5	11,601,525	11,602,495	18	0	18	no	TE
at_locus.08690	5	11,602,704	11,603,053	4	0	1	no	TE
at_locus.08691	5	11,603,149	11,603,337	2	0	4	no	TE
at_locus.08692	5	11,603,569	11,603,958	19	0	11	no	TE
at_locus.08693	5	11,604,186	11,604,418	6	0	13	no	TE
at_locus.08694	5	11,604,857	11,604,892	4	0	0	no	TE



at_locus.08695	5	11,608,386	11,608,533	0	0	5	no	TE
at_locus.08696	5	11,617,211	11,617,558	6	0	2	yes	TE
at_locus.08697	5	11,618,216	11,618,995	8	0	8	no	TE
at_locus.08698	5	11,621,329	11,621,688	7	0	9	no	TE
at_locus.08699	5	11,622,153	11,622,285	4	0	0	no	TE
at_locus.08700	5	11,622,648	11,622,820	5	0	1	no	TE
at_locus.08701	5	11,628,475	11,628,695	5	0	0	no	TE
at_locus.08702	5	11,656,602	11,656,740	15	0	9	no	TE
at_locus.08703	5	11,656,922	11,657,803	22	0	16	yes	TE
at_locus.08704	5	11,658,170	11,658,343	7	1	2	no	TE
at_locus.08705	5	11,662,011	11,663,359	13	0	5	yes	TE
at_locus.08706	5	11,664,696	11,664,880	1	0	6	no	TE
at_locus.08707	5	11,666,547	11,667,171	4	0	8	no	TE
at_locus.08708	5	11,667,453	11,667,729	0	0	5	no	TE
at_locus.08709	5	11,667,941	11,668,997	28	2	24	yes	TE
at_locus.08710	5	11,677,193	11,677,315	5	0	4	no	TE
at_locus.08711	5	11,677,730	11,677,852	4	0	4	no	TE
at_locus.08712	5	11,678,103	11,678,905	15	1	16	no	TE
at_locus.08713	5	11,682,132	11,683,014	7	2	8	no	TE
at_locus.08714	5	11,684,586	11,685,731	17	2	18	no	TE
at_locus.08715	5	11,686,044	11,686,209	0	0	4	no	TE
at_locus.08716	5	11,686,847	11,688,567	14	2	14	no	TE
at_locus.08717	5	11,688,606	11,688,822	5	0	2	no	TE
at_locus.08718	5	11,689,385	11,690,523	9	2	9	no	TE
at_locus.08719	5	11,690,759	11,691,715	9	2	11	no	TE
at_locus.08720	5	11,692,119	11,692,313	0	0	3	no	TE
at_locus.08721	5	11,692,352	11,693,187	6	1	7	no	TE
at_locus.08722	5	11,693,750	11,694,888	9	2	9	no	TE
at_locus.08723	5	11,695,124	11,696,080	9	2	11	no	TE
at_locus.08724	5	11,696,484	11,696,678	0	0	3	no	TE
at_locus.08725	5	11,696,717	11,697,552	6	1	7	no	TE
at_locus.08726	5	11,697,888	11,698,844	9	2	10	no	TE
at_locus.08727	5	11,699,248	11,699,442	0	0	3	no	TE
at_locus.08728	5	11,699,481	11,700,061	6	1	7	no	TE
at_locus.08729	5	11,700,250	11,701,214	14	1	23	no	TE
at_locus.08730	5	11,703,289	11,710,177	170	1	177	yes	TE
at_locus.08731	5	11,710,639	11,710,816	5	0	1	no	TE

at_locus.08732	5	11,711,294	11,711,698	5	0	6	no	TE
at_locus.08733	5	11,711,935	11,714,581	91	1	77	yes	TE
at_locus.08734	5	11,717,389	11,717,881	14	0	5	no	TE
at_locus.08735	5	11,718,434	11,732,804	163	5	213	yes	TE
at_locus.08736	5	11,733,729	11,733,948	4	0	3	no	TE
at_locus.08737	5	11,735,703	11,735,872	1	0	6	no	TE
at_locus.08738	5	11,736,207	11,736,916	6	0	14	no	TE
at_locus.08739	5	11,738,086	11,742,203	109	4	154	yes	TE
at_locus.08740	5	11,743,259	11,747,191	53	5	80	no	TE
at_locus.08741	5	11,747,446	11,753,630	57	5	94	yes	TE
at_locus.08742	5	11,753,947	11,755,598	22	3	23	no	TE
at_locus.08743	5	11,758,911	11,759,366	15	0	5	no	TE
at_locus.08744	5	11,763,144	11,763,169	0	0	4	no	TE
at_locus.08745	5	11,763,692	11,764,866	18	1	16	no	TE
at_locus.08746	5	11,768,930	11,769,087	1	0	5	no	TE
at_locus.08747	5	11,769,654	11,769,963	11	0	2	no	TE
at_locus.08748	5	11,771,288	11,772,224	20	2	16	no	TE
at_locus.08749	5	11,772,684	11,773,769	20	4	23	yes	TE
at_locus.08750	5	11,774,371	11,774,944	14	0	32	no	TE
at_locus.08751	5	11,775,173	11,775,655	16	1	35	no	TE
at_locus.08752	5	11,775,884	11,776,365	8	0	4	yes	TE
at_locus.08753	5	11,776,885	11,777,074	7	0	3	no	TE
at_locus.08754	5	11,777,594	11,777,783	7	0	3	no	TE
at_locus.08755	5	11,778,303	11,778,492	7	0	3	no	TE
at_locus.08756	5	11,779,012	11,779,201	7	0	3	no	TE
at_locus.08757	5	11,780,140	11,780,974	19	0	33	no	TE
at_locus.08758	5	11,781,738	11,781,815	0	0	5	no	TE
at_locus.08759	5	11,783,391	11,783,416	5	0	2	no	TE
at_locus.08760	5	11,785,221	11,786,725	26	0	18	yes	TE
at_locus.08761	5	11,788,061	11,788,564	3	0	5	no	TE
at_locus.08762	5	11,789,129	11,789,639	8	0	6	no	TE
at_locus.08763	5	11,789,827	11,791,294	10	1	35	no	TE
at_locus.08764	5	11,791,425	11,792,987	26	0	26	no	TE
at_locus.08765	5	11,793,335	11,793,423	0	0	4	yes	TE
at_locus.08766	5	11,793,685	11,793,961	9	0	6	no	TE
at_locus.08767	5	11,794,676	11,795,160	8	0	6	no	TE
at_locus.08768	5	11,795,505	11,797,400	41	0	35	yes	TE

at_locus.08769	5	11,797,830	11,799,924	44	5	54	no	TE
at_locus.08770	5	11,800,274	11,800,780	11	0	9	yes	TE
at_locus.08771	5	11,801,180	11,801,643	4	0	6	no	TE
at_locus.08772	5	11,803,013	11,803,090	0	0	5	no	TE
at_locus.08773	5	11,804,213	11,804,340	5	0	4	no	TE
at_locus.08774	5	11,805,101	11,805,890	8	0	11	no	TE
at_locus.08775	5	11,806,169	11,806,296	17	0	11	no	TE
at_locus.08776	5	11,806,817	11,808,032	17	1	19	no	TE
at_locus.08777	5	11,808,299	11,808,426	17	0	11	no	TE
at_locus.08778	5	11,808,947	11,810,160	14	1	19	no	TE
at_locus.08779	5	11,810,427	11,810,854	17	0	13	no	TE
at_locus.08780	5	11,811,075	11,811,383	4	1	8	no	TE
at_locus.08781	5	11,811,514	11,812,278	16	0	9	no	TE
at_locus.08782	5	11,812,570	11,813,478	20	2	17	no	TE
at_locus.08783	5	11,813,791	11,814,981	30	0	45	no	TE
at_locus.08784	5	11,816,768	11,817,119	11	0	10	no	TE
at_locus.08785	5	11,817,222	11,819,631	69	5	58	yes	TE
at_locus.08786	5	11,821,524	11,821,949	10	0	6	no	TE
at_locus.08787	5	11,822,445	11,823,650	14	0	18	yes	TE
at_locus.08788	5	11,823,922	11,824,978	19	1	26	no	TE
at_locus.08789	5	11,825,416	11,826,454	23	2	24	no	TE
at_locus.08790	5	11,827,448	11,834,419	173	1	172	no	TE
at_locus.08791	5	11,834,881	11,835,262	6	0	5	no	TE
at_locus.08792	5	11,835,536	11,835,939	5	0	6	no	TE
at_locus.08793	5	11,836,176	11,838,911	84	2	75	no	TE
at_locus.08794	5	11,839,177	11,839,817	15	2	14	no	TE
at_locus.08795	5	11,840,321	11,840,511	8	0	5	no	TE
at_locus.08796	5	11,840,736	11,841,647	3	0	4	no	TE
at_locus.08797	5	11,841,901	11,842,290	8	0	10	no	TE
at_locus.08798	5	11,842,843	11,843,000	7	0	4	no	TE
at_locus.08799	5	11,843,642	11,844,844	4	0	9	no	TE
at_locus.08800	5	11,845,100	11,845,460	2	0	7	no	TE
at_locus.08801	5	11,845,958	11,846,347	7	0	9	no	TE
at_locus.08802	5	11,846,989	11,847,302	1	0	4	no	TE
at_locus.08803	5	11,847,557	11,850,640	86	1	83	no	TE
at_locus.08804	5	11,850,877	11,851,281	5	0	6	no	TE
at_locus.08805	5	11,851,650	11,851,937	5	0	4	no	TE

at_locus.08806	5	11,852,399	11,852,907	7	0	17	no	TE
at_locus.08807	5	11,853,099	11,856,919	68	0	76	no	TE
at_locus.08808	5	11,857,135	11,860,264	100	1	96	no	TE
at_locus.08809	5	11,860,501	11,860,905	5	0	6	no	TE
at_locus.08810	5	11,861,274	11,861,561	5	0	4	no	TE
at_locus.08811	5	11,862,023	11,862,530	4	0	13	no	TE
at_locus.08812	5	11,862,733	11,862,827	1	0	4	no	TE
at_locus.08813	5	11,863,167	11,866,464	63	0	68	yes	TE
at_locus.08814	5	11,866,795	11,868,399	56	1	42	no	TE
at_locus.08815	5	11,868,552	11,869,250	20	0	23	no	TE
at_locus.08816	5	11,869,504	11,869,987	4	0	10	no	TE
at_locus.08817	5	11,870,392	11,871,026	3	0	10	no	TE
at_locus.08818	5	11,871,280	11,871,914	4	0	8	no	TE
at_locus.08819	5	11,872,168	11,873,514	4	0	10	no	TE
at_locus.08820	5	11,873,768	11,874,402	4	0	10	no	TE
at_locus.08821	5	11,874,656	11,875,016	4	0	6	no	TE
at_locus.08822	5	11,875,274	11,875,646	2	0	6	no	TE
at_locus.08823	5	11,875,900	11,876,534	4	0	9	no	TE
at_locus.08824	5	11,876,788	11,877,422	4	0	10	no	TE
at_locus.08825	5	11,877,676	11,878,667	2	0	8	no	TE
at_locus.08826	5	11,878,922	11,879,023	0	0	4	no	TE
at_locus.08827	5	11,879,197	11,879,632	4	0	4	no	TE
at_locus.08828	5	11,879,886	11,880,518	4	0	8	no	TE
at_locus.08829	5	11,880,738	11,881,051	1	0	4	no	TE
at_locus.08830	5	11,881,305	11,881,939	2	0	9	no	TE
at_locus.08831	5	11,882,193	11,882,827	1	0	8	no	TE
at_locus.08832	5	11,883,082	11,883,716	4	0	10	no	TE
at_locus.08833	5	11,883,970	11,884,604	3	0	10	no	TE
at_locus.08834	5	11,884,858	11,885,341	4	0	10	no	TE
at_locus.08835	5	11,885,826	11,886,559	5	0	6	no	TE
at_locus.08836	5	11,886,893	11,887,473	4	0	6	no	TE
at_locus.08837	5	11,887,701	11,888,335	4	0	7	no	TE
at_locus.08838	5	11,888,589	11,889,223	2	0	9	no	TE
at_locus.08839	5	11,889,477	11,890,111	3	0	8	no	TE
at_locus.08840	5	11,890,365	11,891,711	11	3	14	no	TE
at_locus.08841	5	11,891,965	11,893,310	4	0	10	no	TE
at_locus.08842	5	11,893,564	11,894,636	4	0	9	no	TE

at_locus.08843	5	11,895,158	11,895,518	4	0	8	no	TE
at_locus.08844	5	11,896,046	11,896,406	4	0	8	no	TE
at_locus.08845	5	11,896,934	11,897,298	3	0	9	no	TE
at_locus.08846	5	11,897,822	11,898,182	4	0	8	no	TE
at_locus.08847	5	11,898,710	11,901,216	4	0	10	no	TE
at_locus.08848	5	11,901,470	11,902,104	2	0	9	no	TE
at_locus.08849	5	11,902,358	11,903,882	4	0	9	no	TE
at_locus.08850	5	11,904,136	11,904,770	3	0	9	no	TE
at_locus.08851	5	11,905,024	11,905,658	2	0	9	no	TE
at_locus.08852	5	11,905,912	11,906,272	4	0	8	no	TE
at_locus.08853	5	11,906,800	11,907,434	4	0	9	no	TE
at_locus.08854	5	11,907,688	11,909,208	4	0	9	no	TE
at_locus.08855	5	11,909,462	11,910,096	2	0	9	no	TE
at_locus.08856	5	11,910,350	11,910,984	4	0	10	no	TE
at_locus.08857	5	11,911,238	11,911,872	2	0	9	no	TE
at_locus.08858	5	11,912,206	11,912,760	4	0	6	no	TE
at_locus.08859	5	11,913,014	11,913,497	4	0	10	no	TE
at_locus.08860	5	11,913,902	11,914,536	4	0	9	no	TE
at_locus.08861	5	11,914,967	11,915,327	2	0	7	no	TE
at_locus.08862	5	11,917,032	11,917,345	1	0	4	no	TE
at_locus.08863	5	11,917,600	11,918,234	1	0	8	no	TE
at_locus.08864	5	11,918,927	11,919,655	3	0	8	no	TE
at_locus.08865	5	11,919,909	11,921,760	9	0	26	no	TE
at_locus.08866	5	11,922,468	11,923,156	12	0	11	no	TE
at_locus.08867	5	11,923,563	11,924,694	13	0	15	no	TE
at_locus.08868	5	11,925,240	11,925,750	6	0	7	no	TE
at_locus.08869	5	11,925,899	11,926,143	2	0	7	no	TE
at_locus.08870	5	11,927,471	11,927,732	6	0	4	no	TE
at_locus.08871	5	11,928,200	11,928,299	5	0	2	yes	TE
at_locus.08872	5	11,929,702	11,930,533	8	0	10	no	TE
at_locus.08873	5	11,930,692	11,930,845	1	0	5	no	TE
at_locus.08874	5	11,931,003	11,931,668	10	0	15	no	TE
at_locus.08875	5	11,931,906	11,931,963	3	0	6	no	TE
at_locus.08876	5	11,932,246	11,933,679	12	0	16	no	TE
at_locus.08877	5	11,933,865	11,934,155	7	0	4	no	TE
at_locus.08878	5	11,934,365	11,935,646	22	0	20	no	TE
at_locus.08879	5	11,935,982	11,936,388	1	0	9	no	TE

at_locus.08880	5	11,939,068	11,939,231	2	0	5	yes	TE
at_locus.08881	5	11,941,806	11,942,655	18	0	17	no	TE
at_locus.08882	5	11,943,084	11,943,312	8	0	11	no	TE
at_locus.08883	5	11,943,521	11,943,880	4	0	5	no	TE
at_locus.08884	5	11,943,976	11,944,509	4	0	10	no	TE
at_locus.08885	5	11,944,776	11,946,155	19	0	13	no	TE
at_locus.08886	5	11,946,490	11,947,044	8	0	8	no	TE
at_locus.08887	5	11,947,251	11,947,577	1	0	6	no	TE
at_locus.08888	5	11,947,832	11,947,933	0	0	4	no	TE
at_locus.08889	5	11,948,031	11,948,466	8	0	7	no	TE
at_locus.08890	5	11,948,801	11,949,355	7	0	8	no	TE
at_locus.08891	5	11,949,809	11,950,244	7	0	7	no	TE
at_locus.08892	5	11,950,698	11,951,133	7	0	6	no	TE
at_locus.08893	5	11,951,340	11,951,736	4	0	6	no	TE
at_locus.08894	5	11,952,153	11,955,072	98	1	83	no	TE
at_locus.08895	5	11,955,988	11,956,369	6	0	5	no	TE
at_locus.08896	5	11,956,831	11,961,918	92	0	113	no	TE
at_locus.08897	5	11,961,922	11,963,341	52	1	38	no	TE
at_locus.08898	5	11,963,526	11,964,009	7	0	10	no	TE
at_locus.08899	5	11,964,415	11,964,763	4	0	5	no	TE
at_locus.08900	5	11,964,900	11,965,049	0	0	5	no	TE
at_locus.08901	5	11,965,147	11,965,296	4	0	0	no	TE
at_locus.08902	5	11,965,713	11,966,115	7	0	8	yes	TE
at_locus.08903	5	11,966,450	11,966,853	8	0	7	no	TE
at_locus.08904	5	11,967,259	11,967,607	4	0	5	no	TE
at_locus.08905	5	11,967,792	11,968,275	2	0	7	no	TE
at_locus.08906	5	11,968,681	11,969,164	8	0	10	no	TE
at_locus.08907	5	11,969,522	11,970,095	4	0	6	no	TE
at_locus.08908	5	11,970,280	11,970,914	8	0	11	no	TE
at_locus.08909	5	11,971,315	11,971,558	7	0	6	no	TE
at_locus.08910	5	11,971,984	11,972,792	8	0	15	no	TE
at_locus.08911	5	11,973,369	11,973,503	12	0	8	no	TE
at_locus.08912	5	11,973,868	11,974,214	18	2	35	no	TE
at_locus.08913	5	11,974,565	11,974,604	4	0	1	no	
at_locus.08914	5	11,975,549	11,976,185	18	1	40	no	TE
at_locus.08915	5	11,976,439	11,976,574	12	0	8	no	TE
at_locus.08916	5	11,977,006	11,977,462	3	0	7	no	TE

at_locus.08917	5	11,977,561	11,977,762	3	0	0	no	TE
at_locus.08918	5	11,978,024	11,978,172	16	2	13	no	TE
at_locus.08919	5	11,978,537	11,978,883	18	2	35	no	TE
at_locus.08920	5	11,979,233	11,979,273	5	0	1	no	
at_locus.08921	5	11,980,088	11,980,215	4	0	4	no	TE
at_locus.08922	5	11,980,444	11,981,054	14	0	12	no	TE
at_locus.08923	5	11,981,393	11,981,461	17	0	12	no	TE
at_locus.08924	5	11,981,744	11,982,977	17	0	30	no	TE
at_locus.08925	5	11,983,175	11,983,269	4	0	0	no	TE
at_locus.08926	5	11,983,518	11,983,899	16	1	16	no	TE
at_locus.08927	5	11,984,180	11,984,315	12	0	8	no	TE
at_locus.08928	5	11,984,533	11,985,024	8	0	8	no	TE
at_locus.08929	5	11,985,374	11,985,509	12	0	8	no	TE
at_locus.08930	5	11,985,727	11,986,218	8	0	8	no	TE
at_locus.08931	5	11,986,568	11,986,594	6	0	2	no	TE
at_locus.08932	5	11,986,921	11,987,324	7	0	7	no	TE
at_locus.08933	5	11,987,578	11,987,713	12	0	8	no	TE
at_locus.08934	5	11,987,931	11,988,069	12	0	30	no	TE
at_locus.08935	5	11,988,270	11,988,312	12	2	7	no	TE
at_locus.08936	5	11,988,630	11,988,951	13	1	13	no	TE
at_locus.08937	5	11,991,119	11,991,277	3	0	4	no	TE
at_locus.08938	5	11,991,740	11,991,974	3	1	6	no	TE
at_locus.08939	5	11,992,270	11,993,029	12	3	13	no	TE
at_locus.08940	5	11,996,242	11,996,668	4	0	2	no	TE
at_locus.08941	5	11,996,829	11,997,011	0	0	4	no	TE
at_locus.08942	5	11,998,064	11,998,427	4	0	8	no	TE
at_locus.08943	5	11,998,494	11,998,858	4	0	1	no	TE
at_locus.08944	5	11,999,878	12,000,070	0	0	5	yes	TE
at_locus.08945	5	12,003,729	12,003,948	4	0	3	no	TE
at_locus.08946	5	12,004,873	12,005,958	15	0	31	no	TE
at_locus.08947	5	12,006,261	12,008,619	88	1	63	yes	TE
at_locus.08948	5	12,010,140	12,010,593	4	0	9	no	TE
at_locus.08949	5	12,011,382	12,011,520	4	0	0	no	TE
at_locus.08950	5	12,024,939	12,025,997	17	1	24	no	TE
at_locus.08951	5	12,026,502	12,027,419	17	1	20	no	TE
at_locus.08952	5	12,027,637	12,028,302	14	0	7	no	TE
at_locus.08953	5	12,029,000	12,029,080	6	0	3	no	TE

at_locus.08954	5	12,030,201	12,033,165	82	4	81	yes	TE
at_locus.08955	5	12,033,617	12,033,908	13	1	7	no	TE
at_locus.08956	5	12,034,561	12,035,633	19	1	23	no	TE
at_locus.08957	5	12,036,862	12,036,987	3	0	7	no	TE
at_locus.08958	5	12,038,314	12,038,871	6	0	5	yes	TE
at_locus.08959	5	12,041,310	12,041,677	6	0	8	yes	TE
at_locus.08960	5	12,042,230	12,042,324	18	33	14	no	
at_locus.08961	5	12,042,629	12,042,932	19	61	61	yes	
at_locus.08962	5	12,043,140	12,044,780	18	0	36	yes	TE
at_locus.08963	5	12,045,115	12,045,309	7	0	6	no	TE
at_locus.08964	5	12,045,889	12,047,489	30	3	38	no	TE
at_locus.08965	5	12,047,680	12,048,726	25	1	24	no	TE
at_locus.08966	5	12,049,158	12,050,767	35	0	38	yes	TE
at_locus.08967	5	12,051,010	12,051,159	9	0	2	no	TE
at_locus.08968	5	12,051,506	12,051,816	6	0	7	yes	TE
at_locus.08969	5	12,052,712	12,053,081	4	0	6	no	TE
at_locus.08970	5	12,053,454	12,053,651	7	0	4	no	TE
at_locus.08971	5	12,054,193	12,054,445	6	0	2	no	TE
at_locus.08972	5	12,055,874	12,056,210	5	0	0	yes	TE
at_locus.08973	5	12,056,773	12,057,111	4	0	5	yes	TE
at_locus.08974	5	12,057,478	12,058,485	13	1	21	no	TE
at_locus.08975	5	12,058,762	12,060,857	24	1	48	no	TE
at_locus.08976	5	12,061,132	12,062,424	25	2	22	no	TE
at_locus.08977	5	12,062,684	12,063,800	21	2	37	no	TE
at_locus.08978	5	12,064,055	12,064,688	18	2	17	no	TE
at_locus.08979	5	12,064,963	12,065,045	18	2	14	no	TE
at_locus.08980	5	12,065,274	12,067,727	43	2	48	no	TE
at_locus.08981	5	12,067,930	12,068,512	10	0	7	no	TE
at_locus.08982	5	12,069,346	12,069,449	16	2	30	no	TE
at_locus.08983	5	12,069,702	12,069,896	4	0	3	no	TE
at_locus.08984	5	12,070,655	12,074,382	28	2	46	no	TE
at_locus.08985	5	12,074,742	12,075,229	12	0	10	no	TE
at_locus.08986	5	12,075,483	12,075,670	5	0	26	yes	TE
at_locus.08987	5	12,075,922	12,078,634	24	2	40	no	TE
at_locus.08988	5	12,078,883	12,080,683	18	0	37	yes	TE
at_locus.08989	5	12,080,723	12,081,561	10	0	10	no	TE
at_locus.08990	5	12,081,955	12,082,509	7	0	5	no	TE



at_locus.08991	5	12,087,156	12,088,201	16	0	32	yes	TE
at_locus.08992	5	12,088,473	12,088,611	4	0	3	no	TE
at_locus.08993	5	12,091,262	12,091,387	0	0	4	no	TE
at_locus.08994	5	12,091,629	12,091,703	3	0	7	yes	TE
at_locus.08995	5	12,108,517	12,109,134	7	0	6	yes	TE
at_locus.08996	5	12,112,764	12,112,910	4	1	2	yes	TE
at_locus.08997	5	12,117,018	12,117,186	2	0	6	no	TE
at_locus.08998	5	12,117,292	12,117,758	10	0	11	no	TE
at_locus.08999	5	12,118,064	12,118,695	4	0	12	yes	TE
at_locus.09000	5	12,119,179	12,119,554	11	0	11	no	TE
at_locus.09001	5	12,119,657	12,121,839	52	4	49	yes	TE
at_locus.09002	5	12,121,998	12,122,466	7	0	4	yes	
at_locus.09003	5	12,122,651	12,122,830	8	0	2	no	TE
at_locus.09004	5	12,123,101	12,123,375	4	0	4	no	TE
at_locus.09005	5	12,124,015	12,124,652	12	0	6	no	TE
at_locus.09006	5	12,124,678	12,125,619	11	1	12	no	TE
at_locus.09007	5	12,126,570	12,127,180	8	0	5	yes	TE
at_locus.09008	5	12,127,704	12,128,042	2	0	6	no	TE
at_locus.09009	5	12,128,257	12,128,873	8	1	16	no	TE
at_locus.09010	5	12,129,104	12,129,428	8	0	11	no	TE
at_locus.09011	5	12,130,955	12,131,224	40	0	1	no	TE
at_locus.09012	5	12,135,724	12,136,171	3	0	5	no	TE
at_locus.09013	5	12,136,971	12,137,318	43	0	1	no	TE
at_locus.09014	5	12,140,259	12,141,207	14	0	11	no	TE
at_locus.09015	5	12,141,975	12,144,149	40	4	40	no	TE
at_locus.09016	5	12,144,341	12,145,724	13	0	14	yes	TE
at_locus.09017	5	12,146,018	12,147,002	20	0	20	no	TE
at_locus.09018	5	12,147,295	12,147,645	2	0	8	no	TE
at_locus.09019	5	12,147,685	12,147,997	14	1	7	no	TE
at_locus.09020	5	12,148,430	12,148,738	9	0	10	no	TE
at_locus.09021	5	12,148,883	12,151,093	51	4	53	yes	TE
at_locus.09022	5	12,151,359	12,151,699	5	0	2	yes	TE
at_locus.09023	5	12,151,905	12,152,125	11	0	4	no	TE
at_locus.09024	5	12,152,440	12,152,780	4	0	5	yes	TE
at_locus.09025	5	12,153,193	12,153,858	9	0	5	yes	TE
at_locus.09026	5	12,154,016	12,155,171	14	1	12	no	TE
at_locus.09027	5	12,155,504	12,156,393	18	0	22	yes	TE

at_locus.09028	5	12,156,592	12,158,312	60	1	42	no	TE
at_locus.09029	5	12,158,566	12,158,757	14	0	15	no	TE
at_locus.09030	5	12,158,989	12,161,913	63	1	50	yes	TE
at_locus.09031	5	12,162,377	12,163,610	22	0	33	yes	TE
at_locus.09032	5	12,164,180	12,164,359	4	0	4	no	TE
at_locus.09033	5	12,165,336	12,168,330	65	1	81	yes	TE
at_locus.09034	5	12,169,209	12,169,328	3	0	8	yes	
at_locus.09035	5	12,176,191	12,176,278	4	0	1	no	
at_locus.09036	5	12,184,683	12,184,977	4	0	1	yes	TE
at_locus.09037	5	12,187,015	12,187,576	21	0	7	no	TE
at_locus.09038	5	12,195,819	12,196,525	4	0	12	no	TE
at_locus.09039	5	12,197,133	12,197,633	15	0	15	yes	TE
at_locus.09040	5	12,197,886	12,198,567	5	0	10	no	TE
at_locus.09041	5	12,199,618	12,200,045	14	1	4	yes	TE
at_locus.09042	5	12,227,858	12,228,042	6	0	0	no	TE
at_locus.09043	5	12,228,187	12,229,200	6	1	14	yes	TE
at_locus.09044	5	12,229,494	12,230,022	11	0	7	no	TE
at_locus.09045	5	12,230,556	12,230,806	8	0	9	no	TE
at_locus.09046	5	12,231,018	12,231,273	0	0	5	no	TE
at_locus.09047	5	12,243,296	12,243,441	4	0	0	yes	TE
at_locus.09048	5	12,245,798	12,245,885	5	0	2	no	TE
at_locus.09049	5	12,257,879	12,258,016	4	0	5	no	TE
at_locus.09050	5	12,258,283	12,258,993	2	0	8	no	TE
at_locus.09051	5	12,294,206	12,294,684	8	0	2	yes	TE
at_locus.09052	5	12,296,933	12,297,195	0	0	5	yes	TE
at_locus.09053	5	12,306,299	12,306,489	4	0	3	no	TE
at_locus.09054	5	12,307,341	12,307,476	1	0	4	no	TE
at_locus.09055	5	12,308,153	12,308,467	2	0	6	no	TE
at_locus.09056	5	12,309,977	12,311,908	24	0	25	yes	TE
at_locus.09057	5	12,312,539	12,312,731	7	0	8	no	TE
at_locus.09058	5	12,313,819	12,314,826	27	0	19	yes	TE
at_locus.09059	5	12,316,046	12,316,069	4	0	1	no	TE
at_locus.09060	5	12,317,612	12,317,768	0	0	5	no	TE
at_locus.09061	5	12,334,318	12,334,537	0	0	5	no	TE
at_locus.09062	5	12,334,752	12,334,914	6	0	6	no	TE
at_locus.09063	5	12,338,831	12,339,040	4	0	1	yes	TE
at_locus.09064	5	12,339,607	12,339,718	4	0	2	no	TE

at_locus.09065	5	12,356,095	12,358,233	24	0	33	no	TE
at_locus.09066	5	12,358,381	12,358,795	7	0	4	yes	TE
at_locus.09067	5	12,359,341	12,359,378	2	0	6	no	TE
at_locus.09068	5	12,360,123	12,360,255	4	0	1	no	TE
at_locus.09069	5	12,360,379	12,360,606	1	0	4	no	TE
at_locus.09070	5	12,360,904	12,361,164	6	0	6	no	TE
at_locus.09071	5	12,363,836	12,364,153	3	0	6	yes	TE
at_locus.09072	5	12,364,565	12,364,649	6	0	0	no	TE
at_locus.09073	5	12,365,122	12,366,058	13	1	18	no	TE
at_locus.09074	5	12,366,252	12,367,277	20	0	27	no	TE
at_locus.09075	5	12,367,583	12,367,818	2	0	5	yes	TE
at_locus.09076	5	12,369,679	12,369,923	4	0	2	no	TE
at_locus.09077	5	12,383,137	12,383,342	1	0	4	no	TE
at_locus.09078	5	12,391,567	12,391,668	4	0	0	yes	TE
at_locus.09079	5	12,399,781	12,400,552	10	0	2	no	TE
at_locus.09080	5	12,405,121	12,405,143	4	0	0	no	TE
at_locus.09081	5	12,413,314	12,413,638	4	0	1	yes	TE
at_locus.09082	5	12,413,738	12,413,794	0	0	4	no	TE
at_locus.09083	5	12,414,160	12,414,270	4	0	3	yes	TE
at_locus.09084	5	12,414,540	12,415,937	14	0	22	yes	TE
at_locus.09085	5	12,417,780	12,418,196	10	0	16	no	TE
at_locus.09086	5	12,419,245	12,419,623	5	0	2	yes	TE
at_locus.09087	5	12,419,876	12,420,566	14	0	7	no	TE
at_locus.09088	5	12,425,514	12,427,012	23	0	26	no	TE
at_locus.09089	5	12,427,221	12,427,600	4	0	1	no	TE
at_locus.09090	5	12,427,700	12,427,849	0	0	6	no	TE
at_locus.09091	5	12,428,122	12,429,860	26	0	30	no	TE
at_locus.09092	5	12,430,190	12,430,410	15	0	6	no	TE
at_locus.09093	5	12,430,627	12,431,006	5	0	2	no	TE
at_locus.09094	5	12,431,132	12,431,255	0	0	4	no	TE
at_locus.09095	5	12,431,528	12,431,659	4	0	6	no	TE
at_locus.09096	5	12,431,863	12,432,058	10	0	5	no	TE
at_locus.09097	5	12,432,293	12,433,268	8	0	22	no	TE
at_locus.09098	5	12,433,639	12,433,826	13	0	14	no	TE
at_locus.09099	5	12,434,080	12,434,608	6	1	7	no	TE
at_locus.09100	5	12,434,903	12,435,015	2	0	7	no	TE
at_locus.09101	5	12,441,481	12,441,662	12	0	0	no	

at_locus.09102	5	12,445,196	12,445,943	17	0	24	no	TE
at_locus.09103	5	12,446,163	12,446,785	8	0	4	no	TE
at_locus.09104	5	12,446,875	12,447,824	13	1	14	no	TE
at_locus.09105	5	12,447,975	12,448,639	12	0	1	no	TE
at_locus.09106	5	12,450,073	12,450,328	2	0	9	no	TE
at_locus.09107	5	12,450,592	12,450,901	10	0	11	no	TE
at_locus.09108	5	12,451,332	12,453,590	38	2	38	no	TE
at_locus.09109	5	12,472,023	12,472,202	3	0	8	no	TE
at_locus.09110	5	12,477,970	12,477,993	4	0	0	no	TE
at_locus.09111	5	12,485,120	12,485,614	5	0	5	yes	TE
at_locus.09112	5	12,486,248	12,487,503	16	4	28	yes	TE
at_locus.09113	5	12,487,738	12,488,400	4	1	13	no	TE
at_locus.09114	5	12,488,870	12,489,179	8	0	9	no	TE
at_locus.09115	5	12,489,436	12,490,172	9	0	14	no	TE
at_locus.09116	5	12,492,411	12,493,226	9	0	5	yes	TE
at_locus.09117	5	12,493,379	12,493,936	15	0	7	no	TE
at_locus.09118	5	12,496,092	12,496,258	2	0	4	yes	TE
at_locus.09119	5	12,497,285	12,497,755	0	0	4	no	TE
at_locus.09120	5	12,499,270	12,499,505	6	0	2	no	TE
at_locus.09121	5	12,506,358	12,506,540	0	0	4	no	TE
at_locus.09122	5	12,506,917	12,507,128	4	0	1	no	TE
at_locus.09123	5	12,516,019	12,516,157	4	0	0	no	
at_locus.09124	5	12,517,959	12,518,134	4	0	0	no	TE
at_locus.09125	5	12,518,470	12,519,754	29	2	37	no	TE
at_locus.09126	5	12,519,958	12,524,279	39	0	80	yes	TE
at_locus.09127	5	12,524,969	12,525,086	4	0	0	no	TE
at_locus.09128	5	12,525,688	12,526,071	26	2	7	no	TE
at_locus.09129	5	12,534,565	12,534,705	5	0	0	no	TE
at_locus.09130	5	12,534,953	12,535,157	4	0	4	no	TE
at_locus.09131	5	12,535,652	12,535,862	5	0	5	yes	TE
at_locus.09132	5	12,536,582	12,536,653	10	0	4	no	TE
at_locus.09133	5	12,537,130	12,537,529	8	0	9	no	TE
at_locus.09134	5	12,541,372	12,541,574	4	0	4	no	TE
at_locus.09135	5	12,544,989	12,545,248	1	0	3	no	TE
at_locus.09136	5	12,545,567	12,545,930	1	0	6	no	TE
at_locus.09137	5	12,547,275	12,547,562	1	0	5	no	TE
at_locus.09138	5	12,547,773	12,548,001	1	0	6	no	TE

at_locus.09139	5	12,555,334	12,555,768	13	0	6	yes	TE
at_locus.09140	5	12,560,312	12,560,658	3	0	5	no	TE
at_locus.09141	5	12,583,634	12,583,997	13	0	4	yes	TE
at_locus.09142	5	12,586,368	12,586,781	36	1	4	yes	TE
at_locus.09143	5	12,588,660	12,588,755	3	2	4	no	
at_locus.09144	5	12,600,016	12,600,095	5	0	2	no	TE
at_locus.09145	5	12,600,313	12,601,064	55	1	15	no	TE
at_locus.09146	5	12,618,686	12,618,875	5	0	1	yes	TE
at_locus.09147	5	12,628,059	12,628,945	21	0	11	yes	TE
at_locus.09148	5	12,632,677	12,632,804	4	0	2	yes	TE
at_locus.09149	5	12,633,264	12,633,305	3	0	5	no	TE
at_locus.09150	5	12,643,425	12,644,018	3	0	11	no	TE
at_locus.09151	5	12,644,709	12,645,096	1	0	5	no	TE
at_locus.09152	5	12,647,103	12,647,470	4	0	3	no	TE
at_locus.09153	5	12,649,181	12,649,465	1	0	6	no	TE
at_locus.09154	5	12,652,672	12,653,510	1	0	15	yes	TE
at_locus.09155	5	12,657,954	12,658,231	2	1	8	no	TE
at_locus.09156	5	12,660,028	12,660,057	0	0	4	no	TE
at_locus.09157	5	12,660,682	12,660,793	5	0	5	yes	TE
at_locus.09158	5	12,661,162	12,661,655	5	0	8	no	TE
at_locus.09159	5	12,661,867	12,661,955	4	0	2	no	TE
at_locus.09160	5	12,662,939	12,664,798	40	3	47	yes	TE
at_locus.09161	5	12,665,893	12,666,494	6	0	6	no	TE
at_locus.09162	5	12,666,832	12,667,953	13	1	17	no	TE
at_locus.09163	5	12,685,693	12,685,861	0	0	4	no	TE
at_locus.09164	5	12,701,633	12,702,837	6	0	30	yes	TE
at_locus.09165	5	12,720,135	12,720,273	1	0	4	no	
at_locus.09166	5	12,720,939	12,721,327	2	1	6	yes	
at_locus.09167	5	12,725,968	12,726,000	4	0	0	no	TE
at_locus.09168	5	12,728,060	12,728,255	1	0	5	no	TE
at_locus.09169	5	12,730,516	12,730,945	1	0	5	no	TE
at_locus.09170	5	12,732,237	12,732,369	4	0	1	no	TE
at_locus.09171	5	12,732,661	12,732,964	4	0	1	no	TE
at_locus.09172	5	12,733,629	12,733,913	0	0	4	no	TE
at_locus.09173	5	12,736,059	12,736,272	4	0	7	no	TE
at_locus.09175	5	12,757,723	12,758,188	1	0	6	yes	TE
at_locus.09176	5	12,763,874	12,765,127	26	0	23	no	TE

at_locus.09177	5	12,771,286	12,771,401	0	0	5	yes	TE
at_locus.09178	5	12,776,559	12,776,876	4	0	1	no	TE
at_locus.09179	5	12,784,043	12,784,366	5	0	2	yes	TE
at_locus.09180	5	12,793,918	12,794,198	0	0	6	no	TE
at_locus.09181	5	12,808,334	12,808,449	4	0	5	yes	TE
at_locus.09182	5	12,819,386	12,819,422	0	0	4	no	TE
at_locus.09183	5	12,821,751	12,821,862	0	0	5	no	
at_locus.09184	5	12,824,469	12,844,566	276	294	277	no	
at_locus.09185	5	12,845,736	12,846,166	85	24	91	no	
at_locus.09186	5	12,850,391	12,851,223	164	173	159	no	
at_locus.09187	5	12,861,355	12,861,391	0	0	4	no	TE
at_locus.09188	5	12,863,720	12,863,831	0	0	5	no	
at_locus.09189	5	12,866,438	12,887,623	276	294	279	no	
at_locus.09190	5	12,887,831	12,887,935	4	1	1	no	
at_locus.09191	5	12,888,788	12,888,953	2	0	6	no	
at_locus.09192	5	12,890,218	12,890,295	0	0	5	no	
at_locus.09193	5	12,890,503	12,890,688	4	1	4	no	
at_locus.09194	5	12,891,112	12,891,189	0	0	5	no	
at_locus.09195	5	12,892,736	12,892,975	4	1	6	no	
at_locus.09196	5	12,894,528	12,894,713	4	1	4	no	
at_locus.09197	5	12,894,975	12,895,079	4	1	1	no	
at_locus.09198	5	12,895,422	12,895,607	4	1	4	no	
at_locus.09199	5	12,896,825	12,896,990	2	0	6	no	
at_locus.09200	5	12,898,255	12,898,332	0	0	5	no	
at_locus.09201	5	12,898,540	12,898,725	4	1	4	no	
at_locus.09202	5	12,899,149	12,899,226	0	0	5	no	
at_locus.09203	5	12,900,772	12,901,011	4	1	6	no	
at_locus.09204	5	12,902,276	12,902,353	0	0	5	no	
at_locus.09205	5	12,903,528	12,903,639	2	0	4	no	
at_locus.09206	5	12,903,902	12,904,006	4	1	0	no	
at_locus.09207	5	12,904,511	12,904,588	0	0	5	no	
at_locus.09208	5	12,913,619	12,913,885	6	0	4	yes	TE
at_locus.09209	5	12,935,558	12,935,669	2	0	4	no	
at_locus.09210	5	12,936,005	12,936,171	2	0	6	no	
at_locus.09211	5	12,942,978	12,943,041	0	0	5	no	TE
at_locus.09212	5	12,943,603	12,943,670	8	0	5	no	TE
at_locus.09213	5	12,948,117	12,948,599	13	0	6	no	TE

at_locus.09214	5	12,952,720	12,953,120	5	0	4	no	TE
at_locus.09215	5	12,957,376	12,957,723	1	0	8	no	TE
at_locus.09216	5	12,965,421	12,965,443	0	0	4	no	TE
at_locus.09217	5	13,014,264	13,015,428	25	0	13	yes	TE
at_locus.09218	5	13,015,912	13,016,192	0	0	6	no	TE
at_locus.09219	5	13,018,341	13,018,791	9	0	17	yes	TE
at_locus.09220	5	13,020,198	13,021,406	18	0	10	no	TE
at_locus.09221	5	13,021,467	13,021,638	2	0	9	no	TE
at_locus.09222	5	13,027,352	13,027,766	6	0	9	no	TE
at_locus.09223	5	13,028,001	13,028,168	7	0	6	no	TE
at_locus.09224	5	13,028,385	13,028,571	4	0	1	no	TE
at_locus.09225	5	13,029,288	13,030,072	25	0	18	no	TE
at_locus.09226	5	13,033,905	13,033,921	3	8	0	no	TE
at_locus.09227	5	13,038,259	13,038,625	6	0	0	yes	TE
at_locus.09228	5	13,039,096	13,039,766	13	0	13	yes	TE
at_locus.09229	5	13,040,404	13,040,763	0	0	4	no	TE
at_locus.09230	5	13,043,440	13,043,487	0	0	4	no	TE
at_locus.09231	5	13,045,342	13,045,784	6	0	2	no	TE
at_locus.09232	5	13,047,741	13,047,880	0	0	4	no	TE
at_locus.09233	5	13,048,332	13,048,690	10	0	15	yes	TE
at_locus.09234	5	13,051,534	13,052,075	4	0	7	yes	TE
at_locus.09235	5	13,054,018	13,054,440	4	0	2	no	TE
at_locus.09236	5	13,058,565	13,059,097	6	2	12	no	TE
at_locus.09237	5	13,062,509	13,063,403	6	0	16	no	TE
at_locus.09238	5	13,063,618	13,063,931	0	0	4	no	TE
at_locus.09239	5	13,071,005	13,071,205	5	0	1	yes	
at_locus.09240	5	13,071,971	13,072,235	5	0	2	yes	TE
at_locus.09241	5	13,072,770	13,072,998	4	0	1	yes	TE
at_locus.09242	5	13,073,487	13,074,083	19	2	21	yes	
at_locus.09243	5	13,077,512	13,077,770	5	0	1	yes	
at_locus.09244	5	13,086,914	13,086,945	5	0	1	no	TE
at_locus.09245	5	13,087,170	13,087,555	33	2	7	yes	TE
at_locus.09246	5	13,087,589	13,087,647	4	0	0	no	TE
at_locus.09247	5	13,088,356	13,090,085	8	0	32	yes	TE
at_locus.09248	5	13,090,419	13,090,720	1	0	4	no	TE
at_locus.09249	5	13,090,841	13,091,861	15	0	22	no	TE
at_locus.09250	5	13,093,106	13,093,240	4	0	3	no	TE

at_locus.09251	5	13,093,813	13,093,844	5	0	2	no	TE
at_locus.09252	5	13,113,575	13,115,461	12	0	35	yes	TE
at_locus.09253	5	13,129,128	13,129,178	8	0	0	yes	
at_locus.09254	5	13,136,331	13,136,530	1	0	6	no	TE
at_locus.09255	5	13,142,417	13,142,440	4	0	0	no	TE
at_locus.09256	5	13,145,275	13,145,457	0	0	4	no	TE
at_locus.09257	5	13,150,648	13,150,697	7	0	0	no	
at_locus.09258	5	13,151,275	13,152,840	15	1	27	yes	TE
at_locus.09259	5	13,160,536	13,160,569	4	0	0	no	TE
at_locus.09260	5	13,160,809	13,161,483	8	0	6	no	TE
at_locus.09261	5	13,163,705	13,163,976	5	0	0	no	TE
at_locus.09262	5	13,164,246	13,164,459	2	0	5	no	TE
at_locus.09263	5	13,165,810	13,166,062	5	0	1	no	TE
at_locus.09264	5	13,182,306	13,182,326	1	0	4	yes	TE
at_locus.09265	5	13,215,013	13,215,305	6	0	1	no	
at_locus.09266	5	13,216,959	13,217,251	4	2	1	no	
at_locus.09267	5	13,218,907	13,219,199	5	2	1	no	
at_locus.09268	5	13,220,855	13,221,147	5	0	1	no	
at_locus.09269	5	13,222,320	13,222,676	21	0	23	no	TE
at_locus.09270	5	13,222,889	13,223,474	9	0	4	no	TE
at_locus.09271	5	13,227,322	13,227,358	1	0	5	no	TE
at_locus.09272	5	13,227,781	13,228,279	5	0	1	no	TE
at_locus.09273	5	13,230,442	13,230,869	3	0	1	no	TE
at_locus.09274	5	13,231,247	13,231,421	7	0	0	no	TE
at_locus.09275	5	13,232,425	13,232,545	5	0	3	no	TE
at_locus.09276	5	13,235,582	13,235,724	4	0	4	no	TE
at_locus.09277	5	13,236,274	13,237,346	12	1	26	yes	TE
at_locus.09278	5	13,237,463	13,238,071	13	0	6	yes	TE
at_locus.09279	5	13,238,551	13,238,840	4	2	1	no	
at_locus.09280	5	13,240,494	13,240,631	4	0	0	no	
at_locus.09281	5	13,242,676	13,243,098	7	0	2	no	TE
at_locus.09282	5	13,248,967	13,249,301	23	0	0	no	TE
at_locus.09283	5	13,258,015	13,258,216	9	0	3	yes	
at_locus.09284	5	13,276,350	13,277,095	5	0	19	no	TE
at_locus.09285	5	13,277,405	13,277,824	7	0	5	no	TE
at_locus.09286	5	13,278,322	13,280,019	66	0	55	no	TE
at_locus.09287	5	13,280,266	13,280,711	17	0	15	no	TE



at_locus.09288	5	13,280,781	13,281,856	19	0	30	no	TE
at_locus.09289	5	13,285,259	13,285,968	7	0	14	yes	TE
at_locus.09290	5	13,286,531	13,286,901	3	0	4	yes	TE
at_locus.09291	5	13,287,138	13,289,740	75	0	77	no	TE
at_locus.09292	5	13,290,704	13,290,963	4	0	1	yes	TE
at_locus.09293	5	13,291,542	13,291,787	1	0	5	no	TE
at_locus.09294	5	13,293,236	13,293,765	0	1	7	no	TE
at_locus.09295	5	13,293,971	13,294,801	1	0	10	no	TE
at_locus.09296	5	13,295,343	13,296,254	8	0	6	no	TE
at_locus.09297	5	13,296,893	13,297,136	4	0	2	yes	TE
at_locus.09298	5	13,297,426	13,297,546	4	0	1	no	TE
at_locus.09299	5	13,298,017	13,298,480	4	0	8	no	TE
at_locus.09300	5	13,298,564	13,299,296	4	0	9	no	TE
at_locus.09301	5	13,299,760	13,299,880	6	0	8	no	TE
at_locus.09302	5	13,300,088	13,300,734	4	0	11	yes	TE
at_locus.09303	5	13,300,889	13,301,277	19	0	1	yes	TE
at_locus.09304	5	13,302,594	13,302,820	3	0	4	no	TE
at_locus.09305	5	13,304,800	13,305,161	0	0	6	no	TE
at_locus.09306	5	13,315,965	13,316,332	3	0	5	no	TE
at_locus.09307	5	13,317,442	13,317,704	10	0	7	no	TE
at_locus.09308	5	13,319,855	13,320,022	0	0	5	no	TE
at_locus.09309	5	13,321,762	13,321,852	0	0	4	no	TE
at_locus.09310	5	13,325,799	13,325,875	9	0	6	no	TE
at_locus.09311	5	13,330,995	13,331,433	5	0	1	yes	TE
at_locus.09312	5	13,334,512	13,334,815	5	0	2	no	TE
at_locus.09313	5	13,334,842	13,335,514	5	0	14	no	TE
at_locus.09314	5	13,335,716	13,335,753	2	0	5	no	TE
at_locus.09315	5	13,336,026	13,336,197	4	0	1	no	TE
at_locus.09316	5	13,336,480	13,336,647	10	0	6	no	TE
at_locus.09317	5	13,336,900	13,339,721	41	2	41	yes	TE
at_locus.09318	5	13,340,919	13,341,158	3	0	7	yes	TE
at_locus.09319	5	13,341,793	13,342,213	4	0	9	no	TE
at_locus.09320	5	13,343,029	13,343,187	0	0	6	no	TE
at_locus.09321	5	13,344,000	13,344,685	13	0	18	yes	TE
at_locus.09322	5	13,345,571	13,345,742	4	0	1	no	TE
at_locus.09323	5	13,349,547	13,349,609	6	0	1	no	
at_locus.09324	5	13,356,320	13,356,484	10	0	1	no	

at_locus.09325	5	13,361,567	13,361,965	4	0	0	yes	TE
at_locus.09326	5	13,374,662	13,374,739	6	0	0	yes	
at_locus.09327	5	13,388,499	13,388,747	11	2	5	no	TE
at_locus.09328	5	13,388,940	13,389,352	7	0	3	yes	TE
at_locus.09329	5	13,390,824	13,392,241	14	0	27	no	TE
at_locus.09330	5	13,392,846	13,394,003	1	0	22	yes	TE
at_locus.09331	5	13,394,301	13,394,399	1	0	8	no	TE
at_locus.09332	5	13,394,640	13,394,760	0	0	4	no	TE
at_locus.09333	5	13,395,037	13,395,066	2	0	16	no	TE
at_locus.09334	5	13,395,436	13,395,626	4	0	7	no	TE
at_locus.09335	5	13,395,968	13,396,303	7	0	1	no	TE
at_locus.09336	5	13,413,283	13,413,546	3	0	5	no	TE
at_locus.09337	5	13,414,216	13,414,452	4	0	0	no	TE
at_locus.09338	5	13,415,463	13,416,187	1	0	9	yes	TE
at_locus.09339	5	13,418,094	13,418,257	3	0	5	yes	TE
at_locus.09340	5	13,418,853	13,419,143	6	0	0	no	TE
at_locus.09341	5	13,419,866	13,420,170	6	0	3	yes	TE
at_locus.09342	5	13,420,382	13,420,795	4	0	5	yes	TE
at_locus.09343	5	13,422,195	13,422,813	6	0	7	no	TE
at_locus.09344	5	13,422,885	13,423,074	0	0	4	no	TE
at_locus.09345	5	13,424,717	13,425,496	4	0	10	yes	TE
at_locus.09346	5	13,435,051	13,435,467	5	0	0	no	TE
at_locus.09347	5	13,457,106	13,457,308	4	0	0	yes	
at_locus.09348	5	13,466,040	13,466,546	3	0	0	no	
at_locus.09349	5	13,471,442	13,471,602	1	0	4	no	
at_locus.09350	5	13,484,244	13,484,463	0	0	4	yes	
at_locus.09351	5	13,522,076	13,522,363	4	0	8	yes	TE
at_locus.09352	5	13,523,033	13,523,221	4	0	1	no	TE
at_locus.09353	5	13,524,885	13,525,778	16	1	35	yes	TE
at_locus.09354	5	13,526,736	13,527,204	1	0	4	no	TE
at_locus.09355	5	13,532,272	13,532,332	4	0	0	no	TE
at_locus.09356	5	13,535,155	13,535,565	8	0	1	yes	
at_locus.09357	5	13,535,796	13,535,959	5	0	1	yes	
at_locus.09358	5	13,551,669	13,551,920	6	0	1	yes	TE
at_locus.09359	5	13,553,275	13,553,815	13	0	10	no	TE
at_locus.09360	5	13,558,012	13,558,383	1	0	5	no	TE
at_locus.09361	5	13,558,879	13,559,295	11	0	12	no	TE

at_locus.09362	5	13,559,668	13,560,096	0	0	5	no	TE
at_locus.09363	5	13,562,639	13,562,747	6	0	0	yes	TE
at_locus.09364	5	13,564,341	13,564,410	7	0	0	no	TE
at_locus.09365	5	13,564,675	13,564,828	6	0	1	no	TE
at_locus.09366	5	13,565,195	13,566,252	19	0	4	yes	TE
at_locus.09367	5	13,587,039	13,587,410	0	0	4	yes	TE
at_locus.09368	5	13,588,860	13,589,532	5	0	5	yes	TE
at_locus.09369	5	13,600,456	13,600,798	6	0	2	yes	TE
at_locus.09370	5	13,624,856	13,624,973	4	0	0	yes	TE
at_locus.09371	5	13,625,641	13,625,788	5	0	1	no	
at_locus.09372	5	13,629,038	13,629,154	23	80	42	yes	
at_locus.09373	5	13,637,128	13,638,245	30	0	6	no	TE
at_locus.09374	5	13,638,637	13,638,790	8	0	0	yes	TE
at_locus.09375	5	13,639,056	13,639,130	25	0	2	no	TE
at_locus.09376	5	13,649,464	13,649,772	13	0	0	yes	TE
at_locus.09377	5	13,649,899	13,650,653	58	2	6	yes	TE
at_locus.09378	5	13,669,365	13,669,497	0	0	5	yes	
at_locus.09379	5	13,673,666	13,674,187	29	2	4	yes	TE
at_locus.09380	5	13,695,851	13,696,108	4	0	1	no	TE
at_locus.09381	5	13,698,202	13,698,833	6	0	5	yes	
at_locus.09382	5	13,699,777	13,700,044	9	0	1	yes	
at_locus.09383	5	13,701,833	13,702,010	11	0	4	yes	
at_locus.09384	5	13,706,550	13,706,693	2	0	6	yes	
at_locus.09385	5	13,707,206	13,708,040	14	0	13	yes	TE
at_locus.09386	5	13,708,633	13,709,111	13	0	11	yes	
at_locus.09387	5	13,720,635	13,720,676	7	0	0	yes	TE
at_locus.09388	5	13,726,127	13,726,159	6	0	0	yes	
at_locus.09389	5	13,731,116	13,731,604	10	0	2	yes	
at_locus.09390	5	13,733,299	13,733,547	0	0	4	yes	TE
at_locus.09391	5	13,735,154	13,735,247	4	0	0	yes	TE
at_locus.09392	5	13,743,195	13,743,228	9	0	0	yes	
at_locus.09393	5	13,750,260	13,750,289	4	0	0	no	TE
at_locus.09394	5	13,785,864	13,785,951	6	1	0	yes	
at_locus.09395	5	13,791,022	13,791,175	6	0	0	yes	
at_locus.09396	5	13,792,279	13,792,733	32	1	1	yes	
at_locus.09397	5	13,803,879	13,803,922	7	0	0	yes	
at_locus.09398	5	13,804,226	13,804,432	21	0	1	no	

at_locus.09399	5	13,809,439	13,809,820	7	0	1	yes	TE
at_locus.09400	5	13,820,315	13,820,865	17	0	6	yes	TE
at_locus.09401	5	13,828,519	13,828,836	8	0	0	yes	TE
at_locus.09402	5	13,830,650	13,830,830	4	0	2	no	TE
at_locus.09403	5	13,831,134	13,831,219	4	0	1	no	TE
at_locus.09404	5	13,833,186	13,833,707	13	0	5	yes	TE
at_locus.09405	5	13,833,990	13,834,813	17	0	12	yes	TE
at_locus.09406	5	13,836,690	13,836,835	11	1	1	yes	
at_locus.09407	5	13,837,396	13,837,498	6	0	0	yes	
at_locus.09408	5	13,844,322	13,844,441	4	0	1	yes	
at_locus.09409	5	13,845,609	13,846,147	11	0	2	yes	TE
at_locus.09410	5	13,846,428	13,846,510	10	0	0	no	TE
at_locus.09411	5	13,853,824	13,854,999	10	0	23	yes	TE
at_locus.09412	5	13,858,011	13,858,159	0	0	5	no	TE
at_locus.09413	5	13,858,405	13,858,532	5	0	1	no	TE
at_locus.09414	5	13,858,921	13,859,324	3	0	8	no	TE
at_locus.09415	5	13,860,526	13,860,804	0	0	5	no	TE
at_locus.09416	5	13,861,893	13,862,091	0	0	4	no	TE
at_locus.09417	5	13,863,457	13,863,961	5	0	6	yes	TE
at_locus.09418	5	13,864,324	13,864,511	2	0	5	no	TE
at_locus.09419	5	13,865,116	13,865,438	4	0	6	yes	TE
at_locus.09420	5	13,865,810	13,866,273	5	0	11	no	TE
at_locus.09421	5	13,866,540	13,867,089	3	0	10	no	TE
at_locus.09422	5	13,867,552	13,867,884	6	0	7	yes	TE
at_locus.09423	5	13,868,074	13,868,367	4	0	11	yes	TE
at_locus.09424	5	13,868,681	13,869,044	19	1	1	yes	TE
at_locus.09425	5	13,872,428	13,872,664	7	0	0	yes	TE
at_locus.09426	5	13,878,274	13,878,389	4	0	0	yes	
at_locus.09427	5	13,880,103	13,880,266	6	1	3	yes	
at_locus.09428	5	13,909,395	13,909,938	43	0	1	yes	TE
at_locus.09429	5	13,935,025	13,935,164	11	2	0	no	TE
at_locus.09430	5	13,935,796	13,936,022	10	0	0	no	TE
at_locus.09431	5	13,974,215	13,974,299	0	6	0	yes	
at_locus.09432	5	13,977,909	13,978,107	4	3	0	no	TE
at_locus.09433	5	13,981,534	13,981,759	5	0	4	no	TE
at_locus.09434	5	13,984,212	13,984,399	0	2	5	no	TE
at_locus.09435	5	13,986,244	13,986,292	0	0	4	yes	

at_locus.09436	5	13,994,855	13,995,028	4	0	0	no	TE
at_locus.09437	5	13,999,356	13,999,398	8	0	0	yes	TE
at_locus.09438	5	13,999,912	14,000,153	8	2	0	yes	TE
at_locus.09439	5	14,000,633	14,000,901	15	1	1	no	TE
at_locus.09440	5	14,012,481	14,012,555	4	0	5	no	TE
at_locus.09441	5	14,014,536	14,015,134	1	1	6	no	TE
at_locus.09442	5	14,017,277	14,017,351	4	0	5	no	TE
at_locus.09443	5	14,020,114	14,020,170	24	0	2	no	TE
at_locus.09444	5	14,020,456	14,020,602	5	0	1	no	TE
at_locus.09445	5	14,020,984	14,021,467	7	0	3	yes	TE
at_locus.09446	5	14,021,952	14,021,980	4	0	0	no	TE
at_locus.09447	5	14,032,010	14,032,065	4	0	0	yes	
at_locus.09448	5	14,035,409	14,035,546	8	0	2	no	TE
at_locus.09449	5	14,039,727	14,040,193	9	2	0	no	TE
at_locus.09450	5	14,040,606	14,040,724	4	0	0	no	TE
at_locus.09451	5	14,054,030	14,054,070	0	0	4	no	TE
at_locus.09452	5	14,055,747	14,056,065	2	0	4	no	TE
at_locus.09453	5	14,056,483	14,056,635	5	0	0	no	TE
at_locus.09454	5	14,062,515	14,062,977	2	0	5	yes	
at_locus.09455	5	14,063,637	14,063,798	4	0	0	yes	
at_locus.09456	5	14,064,055	14,064,361	3	0	9	yes	
at_locus.09457	5	14,067,939	14,068,044	6	0	4	no	
at_locus.09458	5	14,070,097	14,070,547	7	0	5	yes	
at_locus.09459	5	14,072,395	14,073,136	11	0	2	yes	
at_locus.09460	5	14,073,457	14,074,141	20	0	14	yes	TE
at_locus.09461	5	14,076,315	14,076,584	6	0	1	yes	TE
at_locus.09462	5	14,077,100	14,077,458	5	0	1	yes	
at_locus.09463	5	14,079,546	14,079,578	4	0	0	no	
at_locus.09464	5	14,079,915	14,080,169	4	0	2	yes	
at_locus.09465	5	14,092,940	14,093,003	4	0	1	yes	TE
at_locus.09466	5	14,094,467	14,094,521	0	0	4	yes	
at_locus.09467	5	14,097,320	14,097,530	14	0	0	no	TE
at_locus.09468	5	14,098,116	14,098,251	25	0	0	no	TE
at_locus.09469	5	14,098,672	14,098,841	8	0	0	no	TE
at_locus.09470	5	14,099,243	14,099,351	5	2	0	no	TE
at_locus.09471	5	14,099,980	14,100,065	16	0	0	no	TE
at_locus.09472	5	14,113,054	14,113,271	6	0	0	no	TE

at_locus.09473	5	14,114,154	14,114,307	4	0	0	no	TE
at_locus.09474	5	14,120,899	14,121,436	49	0	0	no	TE
at_locus.09475	5	14,140,950	14,141,313	46	0	0	yes	TE
at_locus.09476	5	14,166,557	14,167,281	53	2	0	yes	TE
at_locus.09477	5	14,167,509	14,167,821	10	2	0	no	TE
at_locus.09478	5	14,168,483	14,168,558	6	0	0	no	TE
at_locus.09479	5	14,169,041	14,169,561	6	0	0	yes	
at_locus.09480	5	14,170,473	14,170,559	11	0	0	no	TE
at_locus.09481	5	14,170,835	14,171,055	1	0	2	no	TE
at_locus.09482	5	14,171,129	14,171,698	30	1	4	no	TE
at_locus.09483	5	14,175,321	14,175,746	4	1	2	yes	TE
at_locus.09484	5	14,176,716	14,177,178	0	0	4	no	TE
at_locus.09485	5	14,181,474	14,181,710	0	0	4	no	TE
at_locus.09486	5	14,182,084	14,182,774	6	0	0	no	TE
at_locus.09487	5	14,183,654	14,184,008	8	0	7	no	TE
at_locus.09488	5	14,184,235	14,184,592	4	0	1	no	TE
at_locus.09489	5	14,185,305	14,185,775	4	0	1	no	TE
at_locus.09490	5	14,192,028	14,192,615	7	0	4	no	TE
at_locus.09491	5	14,193,271	14,193,637	8	0	2	no	TE
at_locus.09492	5	14,196,735	14,197,324	13	1	12	no	TE
at_locus.09493	5	14,198,828	14,199,015	4	0	2	no	TE
at_locus.09494	5	14,206,519	14,206,787	21	0	0	yes	TE
at_locus.09495	5	14,206,842	14,207,117	0	0	2	no	TE
at_locus.09496	5	14,207,306	14,207,478	62	2	4	no	TE
at_locus.09497	5	14,228,816	14,228,905	7	0	0	no	TE
at_locus.09498	5	14,229,319	14,229,371	5	0	0	yes	TE
at_locus.09499	5	14,233,504	14,233,538	17	0	0	no	TE
at_locus.09500	5	14,239,126	14,239,198	4	0	0	yes	TE
at_locus.09501	5	14,257,435	14,257,520	12	0	0	yes	
at_locus.09502	5	14,259,433	14,259,541	7	0	0	yes	TE
at_locus.09503	5	14,270,578	14,270,884	87	198	73	yes	
at_locus.09504	5	14,273,599	14,274,046	0	0	5	yes	
at_locus.09505	5	14,286,671	14,286,985	5	0	0	yes	TE
at_locus.09506	5	14,312,123	14,312,198	6	0	0	yes	TE
at_locus.09507	5	14,312,353	14,312,536	1	7	0	no	
at_locus.09508	5	14,318,249	14,318,598	12	0	2	yes	
at_locus.09509	5	14,319,242	14,319,311	4	0	0	yes	

at_locus.09510	5	14,329,105	14,329,379	14	0	1	yes	TE
at_locus.09511	5	14,331,300	14,331,557	11	0	5	yes	
at_locus.09512	5	14,332,204	14,333,324	142	2	103	yes	
at_locus.09513	5	14,333,712	14,334,040	24	0	11	yes	
at_locus.09514	5	14,334,349	14,334,479	2	0	4	yes	
at_locus.09515	5	14,337,563	14,337,960	6	0	0	yes	
at_locus.09516	5	14,338,308	14,338,506	6	0	0	yes	
at_locus.09517	5	14,341,951	14,342,229	25	0	6	no	
at_locus.09518	5	14,344,141	14,344,386	13	0	1	yes	
at_locus.09519	5	14,346,338	14,346,616	25	0	6	no	
at_locus.09520	5	14,348,526	14,348,804	25	0	6	no	
at_locus.09521	5	14,350,713	14,351,000	26	0	6	no	
at_locus.09522	5	14,352,908	14,353,195	23	0	5	no	
at_locus.09523	5	14,355,105	14,355,392	26	0	6	no	
at_locus.09524	5	14,357,302	14,357,589	26	0	6	no	
at_locus.09525	5	14,359,497	14,359,784	26	0	6	no	
at_locus.09526	5	14,361,692	14,361,979	26	0	6	no	
at_locus.09527	5	14,363,887	14,364,174	26	0	6	no	
at_locus.09528	5	14,366,082	14,366,369	26	0	6	no	
at_locus.09529	5	14,368,277	14,368,564	26	0	6	no	
at_locus.09530	5	14,370,473	14,370,760	26	0	6	no	
at_locus.09531	5	14,372,670	14,372,957	26	0	6	no	
at_locus.09532	5	14,374,866	14,375,153	26	0	6	no	
at_locus.09533	5	14,377,063	14,377,350	26	0	6	no	
at_locus.09534	5	14,379,260	14,379,547	26	0	6	no	
at_locus.09535	5	14,381,457	14,381,744	26	0	6	no	
at_locus.09536	5	14,383,654	14,383,899	28	0	2	no	
at_locus.09537	5	14,385,956	14,386,139	21	0	5	no	
at_locus.09538	5	14,388,158	14,388,341	24	0	6	no	
at_locus.09539	5	14,390,248	14,390,485	26	0	2	no	
at_locus.09540	5	14,392,602	14,392,728	23	0	6	no	
at_locus.09541	5	14,394,634	14,394,879	27	0	2	no	
at_locus.09542	5	14,399,785	14,399,997	0	0	3	no	TE
at_locus.09543	5	14,401,117	14,401,405	26	0	6	no	
at_locus.09544	5	14,403,312	14,403,557	26	0	5	no	
at_locus.09545	5	14,405,512	14,405,750	6	0	1	no	
at_locus.09546	5	14,407,669	14,407,914	6	0	1	no	

at_locus.09547	5	14,409,859	14,410,146	21	0	6	no	
at_locus.09548	5	14,412,375	14,412,563	10	0	0	no	TE
at_locus.09549	5	14,412,965	14,413,061	4	0	0	no	TE
at_locus.09550	5	14,413,800	14,413,835	4	0	0	no	TE
at_locus.09551	5	14,415,827	14,415,858	6	0	0	no	TE
at_locus.09552	5	14,426,812	14,427,290	9	1	2	no	TE
at_locus.09553	5	14,427,950	14,428,506	18	0	12	no	TE
at_locus.09554	5	14,429,082	14,430,176	18	0	8	no	TE
at_locus.09555	5	14,430,803	14,431,670	16	3	10	no	TE
at_locus.09556	5	14,451,466	14,451,552	4	0	0	no	TE
at_locus.09557	5	14,460,373	14,460,752	26	1	1	no	TE
at_locus.09558	5	14,460,896	14,461,351	5	0	14	no	TE
at_locus.09559	5	14,461,537	14,461,818	5	0	1	no	TE
at_locus.09560	5	14,462,268	14,462,881	2	0	14	no	TE
at_locus.09561	5	14,463,148	14,463,515	5	0	10	no	TE
at_locus.09562	5	14,463,900	14,465,875	22	0	28	no	TE
at_locus.09563	5	14,466,968	14,467,213	6	0	1	no	
at_locus.09564	5	14,469,158	14,469,445	21	0	6	no	
at_locus.09565	5	14,471,674	14,471,862	10	0	0	no	TE
at_locus.09566	5	14,472,264	14,472,360	4	0	0	no	TE
at_locus.09567	5	14,473,099	14,473,134	4	0	0	no	TE
at_locus.09568	5	14,475,126	14,475,157	6	0	0	no	TE
at_locus.09569	5	14,486,112	14,486,590	9	1	2	no	TE
at_locus.09570	5	14,487,250	14,487,806	18	0	12	no	TE
at_locus.09571	5	14,488,382	14,489,476	18	0	8	no	TE
at_locus.09572	5	14,490,103	14,490,970	16	3	10	no	TE
at_locus.09573	5	14,510,766	14,510,852	4	0	0	no	TE
at_locus.09574	5	14,519,673	14,520,052	26	1	1	no	TE
at_locus.09575	5	14,520,196	14,520,651	5	0	14	no	TE
at_locus.09576	5	14,520,837	14,521,118	5	0	1	no	TE
at_locus.09577	5	14,521,568	14,522,181	2	0	14	no	TE
at_locus.09578	5	14,522,448	14,522,815	5	0	10	no	TE
at_locus.09579	5	14,523,200	14,525,175	22	0	28	no	TE
at_locus.09580	5	14,526,539	14,527,410	3	0	12	no	TE
at_locus.09581	5	14,527,724	14,528,296	5	1	6	no	TE
at_locus.09582	5	14,529,327	14,529,902	5	0	8	no	TE
at_locus.09583	5	14,530,291	14,530,838	8	0	7	no	TE



at_locus.09584	5	14,531,084	14,531,134	2	0	4	no	TE
at_locus.09585	5	14,531,426	14,531,768	4	0	1	yes	TE
at_locus.09586	5	14,533,069	14,533,750	10	0	6	no	TE
at_locus.09587	5	14,533,809	14,534,738	20	1	26	no	TE
at_locus.09588	5	14,541,033	14,541,175	1	1	5	no	TE
at_locus.09589	5	14,541,466	14,542,902	20	0	12	yes	TE
at_locus.09590	5	14,563,884	14,563,944	5	0	0	yes	
at_locus.09591	5	14,570,709	14,570,916	6	0	0	yes	TE
at_locus.09592	5	14,572,535	14,572,565	4	0	0	no	
at_locus.09593	5	14,573,513	14,573,601	5	0	0	yes	
at_locus.09594	5	14,578,209	14,578,434	4	0	0	yes	
at_locus.09595	5	14,590,729	14,591,262	5	0	4	yes	TE
at_locus.09596	5	14,591,702	14,592,031	0	0	6	yes	TE
at_locus.09597	5	14,597,369	14,597,436	4	0	0	no	TE
at_locus.09598	5	14,597,867	14,598,416	3	0	3	yes	TE
at_locus.09599	5	14,604,299	14,605,131	9	0	1	yes	TE
at_locus.09600	5	14,605,355	14,605,618	7	0	2	no	TE
at_locus.09601	5	14,611,906	14,612,013	5	0	0	yes	TE
at_locus.09602	5	14,620,898	14,620,958	5	0	0	yes	TE
at_locus.09603	5	14,627,566	14,628,077	14	2	1	yes	TE
at_locus.09604	5	14,628,507	14,629,026	10	1	3	no	TE
at_locus.09605	5	14,642,958	14,643,416	7	0	3	yes	TE
at_locus.09606	5	14,643,628	14,643,743	4	0	1	no	TE
at_locus.09607	5	14,644,237	14,644,484	5	0	0	yes	TE
at_locus.09608	5	14,672,373	14,672,705	11	1	10	yes	
at_locus.09609	5	14,672,909	14,673,206	1	0	5	yes	
at_locus.09610	5	14,676,366	14,676,394	16	0	2	yes	TE
at_locus.09611	5	14,697,789	14,697,923	0	0	6	yes	TE
at_locus.09612	5	14,729,315	14,729,352	5	0	0	yes	
at_locus.09613	5	14,749,943	14,749,992	9	0	0	no	TE
at_locus.09614	5	14,762,869	14,762,906	16	1	1	yes	
at_locus.09615	5	14,771,588	14,771,751	6	0	0	yes	
at_locus.09616	5	14,774,727	14,774,752	4	0	0	yes	
at_locus.09617	5	14,777,146	14,777,706	43	0	1	yes	TE
at_locus.09618	5	14,778,328	14,778,394	8	0	0	no	TE
at_locus.09619	5	14,793,701	14,793,902	7	0	0	yes	
at_locus.09620	5	14,803,277	14,803,352	5	0	1	yes	TE

at_locus.09621	5	14,817,135	14,817,224	1	0	4	yes	
at_locus.09622	5	14,820,203	14,820,562	6	0	1	yes	
at_locus.09623	5	14,827,405	14,828,053	48	1	0	yes	TE
at_locus.09624	5	14,843,579	14,843,877	12	0	8	no	TE
at_locus.09625	5	14,844,486	14,844,943	2	0	5	no	TE
at_locus.09626	5	14,845,360	14,845,830	0	0	5	no	TE
at_locus.09627	5	14,845,892	14,846,292	4	0	2	no	TE
at_locus.09628	5	14,847,212	14,847,338	7	0	0	yes	TE
at_locus.09629	5	14,847,694	14,848,064	4	0	7	no	TE
at_locus.09630	5	14,848,992	14,849,228	6	0	1	no	TE
at_locus.09631	5	14,849,698	14,850,377	4	1	8	yes	TE
at_locus.09632	5	14,851,181	14,851,456	7	0	1	yes	TE
at_locus.09633	5	14,863,914	14,863,988	25	0	2	no	TE
at_locus.09634	5	14,864,253	14,864,406	6	0	1	no	TE
at_locus.09635	5	14,864,900	14,864,981	0	0	4	yes	TE
at_locus.09636	5	14,865,087	14,865,292	13	0	2	no	TE
at_locus.09637	5	14,865,552	14,865,931	8	0	0	no	TE
at_locus.09638	5	14,866,454	14,866,610	4	0	0	yes	TE
at_locus.09639	5	14,866,621	14,866,882	0	0	6	yes	TE
at_locus.09640	5	14,867,759	14,867,947	8	1	0	yes	
at_locus.09642	5	14,889,563	14,889,921	8	0	7	yes	
at_locus.09643	5	14,890,465	14,891,061	4	0	0	yes	TE
at_locus.09644	5	14,897,337	14,898,041	44	0	1	yes	TE
at_locus.09645	5	14,913,757	14,913,921	15	0	0	yes	
at_locus.09646	5	14,943,720	14,943,863	8	0	0	yes	
at_locus.09647	5	14,954,387	14,954,755	9	0	4	yes	
at_locus.09648	5	14,964,229	14,964,334	9	0	1	yes	TE
at_locus.09649	5	14,973,380	14,973,536	5	0	1	no	TE
at_locus.09650	5	14,979,346	14,979,729	15	0	0	no	TE
at_locus.09651	5	14,980,006	14,980,608	13	0	3	no	TE
at_locus.09652	5	14,980,896	14,980,930	4	0	0	no	TE
at_locus.09653	5	14,982,036	14,982,828	7	0	11	no	TE
at_locus.09654	5	14,982,855	14,983,018	6	0	0	no	TE
at_locus.09655	5	14,983,472	14,984,104	5	0	13	no	TE
at_locus.09656	5	15,002,077	15,002,542	7	0	2	yes	
at_locus.09657	5	15,011,705	15,011,779	9	0	0	no	TE
at_locus.09658	5	15,012,055	15,012,251	5	0	1	yes	TE

at_locus.09659	5	15,020,620	15,020,809	23	0	0	yes	
at_locus.09660	5	15,021,113	15,021,160	4	0	0	yes	
at_locus.09661	5	15,031,587	15,032,518	21	1	5	no	TE
at_locus.09662	5	15,035,698	15,035,799	4	0	0	yes	
at_locus.09663	5	15,041,293	15,041,770	0	6	1	yes	
at_locus.09664	5	15,042,066	15,042,195	0	3	0	no	
at_locus.09665	5	15,048,146	15,048,372	20	0	0	no	TE
at_locus.09666	5	15,058,482	15,058,876	16	0	13	yes	
at_locus.09667	5	15,059,366	15,060,181	80	3	2	no	TE
at_locus.09668	5	15,060,406	15,060,658	14	1	0	no	TE
at_locus.09669	5	15,065,487	15,065,616	20	1	0	yes	
at_locus.09670	5	15,070,116	15,070,201	5	0	1	yes	
at_locus.09671	5	15,093,650	15,093,675	8	0	0	no	TE
at_locus.09672	5	15,094,350	15,094,595	7	1	6	yes	TE
at_locus.09673	5	15,118,757	15,119,061	11	0	0	no	
at_locus.09674	5	15,123,080	15,123,450	7	0	5	no	TE
at_locus.09675	5	15,123,781	15,123,914	4	0	0	no	TE
at_locus.09676	5	15,131,602	15,131,699	4	0	1	yes	
at_locus.09677	5	15,158,111	15,158,512	16	0	2	yes	
at_locus.09678	5	15,179,487	15,179,790	8	0	0	no	TE
at_locus.09679	5	15,180,137	15,180,513	19	0	1	no	TE
at_locus.09680	5	15,200,479	15,200,578	15	0	0	yes	TE
at_locus.09681	5	15,201,637	15,201,804	42	2	5	no	TE
at_locus.09682	5	15,213,786	15,214,010	14	0	0	yes	
at_locus.09683	5	15,222,591	15,224,252	21	0	13	yes	TE
at_locus.09684	5	15,230,180	15,230,438	4	0	1	yes	
at_locus.09685	5	15,249,000	15,249,139	6	0	3	no	
at_locus.09686	5	15,276,979	15,277,111	7	0	11	yes	
at_locus.09687	5	15,285,055	15,285,384	26	1	6	no	TE
at_locus.09688	5	15,304,751	15,304,836	4	0	2	yes	
at_locus.09689	5	15,318,885	15,319,658	31	0	10	no	TE
at_locus.09690	5	15,351,422	15,352,032	10	0	6	yes	
at_locus.09691	5	15,356,821	15,357,130	4	0	2	yes	
at_locus.09692	5	15,357,575	15,357,967	13	0	9	yes	
at_locus.09693	5	15,358,956	15,359,221	11	0	1	yes	TE
at_locus.09694	5	15,359,698	15,359,926	10	0	0	no	TE
at_locus.09695	5	15,367,435	15,367,722	11	0	0	yes	

at_locus.09696	5	15,372,199	15,372,252	0	0	5	yes	TE
at_locus.09697	5	15,376,380	15,376,550	6	0	3	yes	TE
at_locus.09698	5	15,394,836	15,394,936	5	2	0	no	
at_locus.09699	5	15,398,538	15,398,829	4	4	0	yes	
at_locus.09700	5	15,401,685	15,401,785	5	2	0	no	
at_locus.09701	5	15,401,991	15,402,251	0	4	1	yes	
at_locus.09702	5	15,403,280	15,404,106	12	0	6	yes	TE
at_locus.09703	5	15,418,670	15,418,790	4	0	3	yes	TE
at_locus.09704	5	15,425,419	15,425,795	15	1	14	yes	
at_locus.09705	5	15,449,104	15,449,256	20	0	1	yes	TE
at_locus.09706	5	15,449,766	15,449,939	14	0	0	yes	TE
at_locus.09707	5	15,501,989	15,502,392	8	0	9	yes	
at_locus.09708	5	15,508,088	15,509,638	46	3	16	no	TE
at_locus.09709	5	15,509,907	15,512,379	42	0	65	no	TE
at_locus.09710	5	15,512,553	15,515,810	62	2	73	yes	TE
at_locus.09711	5	15,525,037	15,525,104	4	0	0	yes	TE
at_locus.09712	5	15,552,456	15,552,572	6	0	0	no	TE
at_locus.09713	5	15,553,154	15,553,367	6	0	0	no	TE
at_locus.09714	5	15,566,668	15,566,891	5	0	2	yes	
at_locus.09715	5	15,593,917	15,594,465	25	0	0	no	TE
at_locus.09716	5	15,597,886	15,598,670	11	0	0	yes	TE
at_locus.09717	5	15,608,794	15,609,228	4	0	0	yes	TE
at_locus.09718	5	15,622,573	15,623,138	25	2	0	no	TE
at_locus.09719	5	15,623,746	15,623,831	16	0	0	no	TE
at_locus.09720	5	15,653,572	15,653,629	11	0	0	no	TE
at_locus.09721	5	15,656,266	15,656,362	5	0	1	no	TE
at_locus.09722	5	15,657,720	15,658,253	7	0	1	yes	TE
at_locus.09723	5	15,665,013	15,665,036	4	0	0	yes	TE
at_locus.09724	5	15,676,496	15,676,657	16	0	0	no	TE
at_locus.09725	5	15,713,834	15,713,920	7	0	0	no	TE
at_locus.09726	5	15,713,981	15,714,377	2	0	3	no	TE
at_locus.09727	5	15,714,570	15,714,650	15	0	0	no	TE
at_locus.09728	5	15,716,387	15,716,618	7	0	0	yes	TE
at_locus.09729	5	15,717,230	15,717,376	8	0	0	no	
at_locus.09730	5	15,718,059	15,718,255	5	0	5	yes	TE
at_locus.09731	5	15,727,598	15,727,653	5	0	0	yes	
at_locus.09732	5	15,728,271	15,728,375	9	0	2	yes	

at_locus.09733	5	15,732,203	15,732,245	7	0	0	no	TE
at_locus.09734	5	15,733,641	15,734,539	15	0	5	yes	TE
at_locus.09735	5	15,735,097	15,735,504	5	0	5	no	TE
at_locus.09736	5	15,739,351	15,739,707	0	0	4	yes	TE
at_locus.09737	5	15,774,895	15,775,318	6	19	26	yes	
at_locus.09738	5	15,796,272	15,796,358	30	0	0	no	TE
at_locus.09739	5	15,829,352	15,829,875	8	0	10	yes	TE
at_locus.09740	5	15,845,617	15,845,676	12	0	0	yes	
at_locus.09741	5	15,846,115	15,846,466	2	0	5	yes	TE
at_locus.09742	5	15,847,880	15,847,939	4	0	0	yes	
at_locus.09743	5	15,858,285	15,858,403	5	1	0	yes	
at_locus.09744	5	15,873,677	15,873,796	15	0	4	no	TE
at_locus.09745	5	15,888,095	15,888,117	87	137	89	yes	
at_locus.09746	5	15,890,234	15,890,727	17	1	13	yes	
at_locus.09747	5	15,899,528	15,899,992	12	1	0	no	TE
at_locus.09748	5	15,904,811	15,904,970	10	0	1	yes	
at_locus.09749	5	15,906,099	15,906,126	4	0	0	no	
at_locus.09750	5	15,908,840	15,909,085	1	8	0	yes	
at_locus.09751	5	15,936,768	15,937,012	1	0	4	yes	
at_locus.09752	5	15,939,688	15,939,717	11	0	2	no	
at_locus.09753	5	15,944,098	15,944,333	15	0	2	yes	
at_locus.09754	5	15,984,866	15,984,974	1	0	4	yes	
at_locus.09756	5	15,999,410	15,999,769	8	0	12	yes	
at_locus.09757	5	15,999,979	16,001,057	87	1	55	yes	
at_locus.09758	5	16,001,505	16,001,813	13	0	8	yes	
at_locus.09759	5	16,002,446	16,002,580	5	0	0	yes	
at_locus.09760	5	16,009,658	16,010,320	12	0	11	yes	TE
at_locus.09761	5	16,020,714	16,020,982	4	0	0	yes	
at_locus.09762	5	16,031,079	16,032,137	10	0	4	no	TE
at_locus.09763	5	16,032,898	16,033,401	34	0	23	yes	
at_locus.09764	5	16,034,917	16,035,316	15	0	14	yes	
at_locus.09765	5	16,036,027	16,036,105	0	0	4	yes	
at_locus.09766	5	16,040,919	16,040,967	4	0	0	yes	
at_locus.09767	5	16,047,892	16,047,926	9	0	0	no	TE
at_locus.09768	5	16,050,920	16,051,260	18	0	0	yes	
at_locus.09769	5	16,066,390	16,066,556	4	0	0	yes	TE
at_locus.09770	5	16,067,096	16,068,544	27	0	15	no	TE

at_locus.09771	5	16,137,432	16,137,689	14	0	0	no	TE
at_locus.09772	5	16,148,024	16,148,258	4	0	0	yes	TE
at_locus.09773	5	16,221,488	16,221,890	6	0	0	yes	
at_locus.09774	5	16,228,609	16,229,100	14	0	1	yes	TE
at_locus.09775	5	16,275,033	16,275,581	19	0	2	yes	TE
at_locus.09776	5	16,276,395	16,277,154	19	0	11	yes	TE
at_locus.09777	5	16,281,422	16,281,836	15	0	1	yes	TE
at_locus.09778	5	16,374,396	16,374,737	10	0	0	no	TE
at_locus.09779	5	16,374,962	16,375,069	23	2	0	no	TE
at_locus.09780	5	16,375,480	16,375,550	6	0	1	no	TE
at_locus.09781	5	16,382,336	16,382,519	7	0	2	yes	
at_locus.09782	5	16,392,299	16,392,322	1	0	4	no	
at_locus.09783	5	16,410,806	16,410,882	4	0	0	yes	
at_locus.09784	5	16,577,657	16,578,367	14	0	9	yes	TE
at_locus.09785	5	16,657,142	16,657,838	1	10	5	yes	
at_locus.09786	5	16,659,299	16,659,521	13	0	1	no	
at_locus.09787	5	16,677,696	16,677,866	177	1642	448	yes	
at_locus.09788	5	16,698,614	16,698,812	5	0	0	yes	
at_locus.09789	5	16,699,585	16,699,904	4	0	0	yes	TE
at_locus.09790	5	16,730,081	16,730,189	5	0	0	no	TE
at_locus.09791	5	16,730,480	16,730,619	4	0	0	no	TE
at_locus.09792	5	16,733,408	16,733,787	2	4	1	yes	
at_locus.09793	5	16,738,926	16,739,009	6	0	1	yes	TE
at_locus.09794	5	16,764,470	16,764,888	7	0	0	yes	TE
at_locus.09795	5	16,771,081	16,771,244	9	0	0	yes	
at_locus.09796	5	16,792,751	16,792,886	76	441	198	yes	
at_locus.09797	5	16,873,365	16,873,600	9	0	2	yes	TE
at_locus.09798	5	16,888,153	16,888,672	37	0	0	yes	TE
at_locus.09799	5	16,918,903	16,919,113	8	0	4	yes	
at_locus.09800	5	16,925,724	16,926,244	10	0	5	no	TE
at_locus.09801	5	16,927,455	16,927,540	5	0	0	yes	TE
at_locus.09802	5	16,931,463	16,931,862	5	0	0	yes	
at_locus.09803	5	16,939,536	16,939,652	4	0	0	yes	TE
at_locus.09804	5	16,979,675	16,979,877	4	0	0	yes	
at_locus.09805	5	16,983,765	16,983,995	1	0	4	yes	TE
at_locus.09806	5	17,037,300	17,037,528	4	0	0	yes	
at_locus.09807	5	17,045,977	17,046,444	6	0	1	yes	TE

at_locus.09808	5	17,046,973	17,047,759	11	0	3	no	TE
at_locus.09809	5	17,059,001	17,059,154	9	1	2	no	TE
at_locus.09810	5	17,059,456	17,059,792	19	0	4	yes	TE
at_locus.09811	5	17,060,956	17,061,127	10	0	0	no	TE
at_locus.09812	5	17,064,479	17,064,742	4	0	0	yes	TE
at_locus.09813	5	17,093,408	17,093,488	8	0	0	yes	
at_locus.09814	5	17,093,851	17,094,015	10	0	0	no	
at_locus.09815	5	17,102,783	17,104,552	86	0	23	yes	TE
at_locus.09816	5	17,112,203	17,112,503	0	0	5	yes	TE
at_locus.09817	5	17,130,580	17,130,624	5	0	1	yes	
at_locus.09818	5	17,152,332	17,152,403	4	0	0	yes	TE
at_locus.09819	5	17,164,716	17,164,776	11	0	0	yes	TE
at_locus.09820	5	17,190,773	17,190,937	2	0	7	yes	
at_locus.09821	5	17,191,249	17,191,278	4	0	1	yes	
at_locus.09822	5	17,191,804	17,192,497	106	3	79	yes	TE
at_locus.09823	5	17,208,153	17,208,366	6	0	0	yes	
at_locus.09824	5	17,214,119	17,214,331	5	0	0	yes	
at_locus.09825	5	17,227,801	17,227,843	5	1	0	yes	TE
at_locus.09826	5	17,233,675	17,233,692	2	15	3	yes	
at_locus.09827	5	17,239,306	17,239,455	8	0	0	yes	TE
at_locus.09828	5	17,249,191	17,249,419	6	0	0	no	
at_locus.09829	5	17,251,078	17,251,306	5	0	0	no	
at_locus.09830	5	17,268,614	17,268,645	4	0	0	no	
at_locus.09831	5	17,293,137	17,293,160	4	0	0	no	TE
at_locus.09832	5	17,299,151	17,299,241	4	0	0	yes	TE
at_locus.09833	5	17,308,156	17,308,327	9	0	0	yes	
at_locus.09834	5	17,308,987	17,309,028	4	0	0	yes	TE
at_locus.09835	5	17,344,440	17,344,743	8	0	1	yes	
at_locus.09836	5	17,364,288	17,364,509	24	2	0	yes	
at_locus.09837	5	17,376,581	17,377,324	22	0	2	yes	TE
at_locus.09838	5	17,382,253	17,382,328	13	0	0	no	TE
at_locus.09839	5	17,382,963	17,383,275	8	2	0	no	TE
at_locus.09840	5	17,383,505	17,384,129	21	1	0	no	TE
at_locus.09841	5	17,422,782	17,424,005	14	0	12	no	TE
at_locus.09842	5	17,424,173	17,424,472	0	0	5	no	TE
at_locus.09843	5	17,449,726	17,449,932	5	0	2	yes	
at_locus.09844	5	17,450,143	17,450,459	5	1	0	yes	

at_locus.09845	5	17,455,580	17,455,929	9	0	3	no	
at_locus.09847	5	17,486,779	17,486,855	12	0	0	yes	
at_locus.09848	5	17,491,523	17,491,782	15	0	0	yes	
at_locus.09849	5	17,492,292	17,492,371	2	4	0	yes	
at_locus.09850	5	17,495,435	17,495,558	10	0	0	yes	
at_locus.09851	5	17,497,512	17,497,934	8	0	4	yes	TE
at_locus.09852	5	17,498,381	17,498,467	5	0	0	no	TE
at_locus.09853	5	17,499,035	17,499,158	9	0	0	no	TE
at_locus.09854	5	17,499,701	17,499,812	11	0	0	no	
at_locus.09855	5	17,501,858	17,502,102	13	0	0	yes	
at_locus.09856	5	17,505,563	17,505,684	8	0	0	yes	
at_locus.09857	5	17,533,537	17,533,626	74	441	198	yes	
at_locus.09858	5	17,560,401	17,560,660	7	1	5	yes	
at_locus.09859	5	17,583,844	17,584,576	5	14	3	yes	
at_locus.09860	5	17,595,988	17,596,066	6	0	0	yes	TE
at_locus.09861	5	17,600,202	17,600,259	5	0	0	yes	TE
at_locus.09862	5	17,614,008	17,614,526	16	0	4	no	TE
at_locus.09863	5	17,622,385	17,623,254	17	0	6	yes	TE
at_locus.09864	5	17,627,548	17,627,581	6	0	0	yes	
at_locus.09865	5	17,634,581	17,635,219	25	2	1	yes	TE
at_locus.09866	5	17,635,827	17,635,860	5	0	0	no	TE
at_locus.09867	5	17,661,683	17,661,826	10	0	0	no	TE
at_locus.09868	5	17,743,663	17,744,210	67	0	1	no	TE
at_locus.09869	5	17,759,499	17,759,674	4	0	0	yes	TE
at_locus.09870	5	17,792,975	17,793,041	8	0	0	no	TE
at_locus.09871	5	17,793,721	17,794,807	55	4	0	no	TE
at_locus.09872	5	17,813,587	17,813,657	11	0	0	no	TE
at_locus.09873	5	17,813,927	17,814,012	16	0	0	no	TE
at_locus.09874	5	17,829,836	17,829,967	5	1	0	no	TE
at_locus.09875	5	17,850,749	17,851,022	15	0	0	yes	TE
at_locus.09876	5	17,867,590	17,867,896	5	0	0	yes	TE
at_locus.09877	5	17,868,546	17,868,947	9	1	15	yes	TE
at_locus.09878	5	17,869,175	17,869,654	14	0	1	yes	TE
at_locus.09879	5	17,884,397	17,884,507	7	0	1	yes	TE
at_locus.09880	5	17,884,980	17,885,528	8	0	4	yes	TE
at_locus.09881	5	17,885,872	17,886,065	6	0	2	no	TE
at_locus.09882	5	17,886,337	17,886,453	11	0	0	yes	TE



at_locus.09883	5	17,907,485	17,907,789	4	0	0	yes	TE
at_locus.09884	5	17,910,864	17,911,404	8	0	4	yes	TE
at_locus.09885	5	17,911,885	17,912,395	3	1	8	no	TE
at_locus.09886	5	17,914,300	17,914,669	3	0	8	no	TE
at_locus.09887	5	17,914,966	17,915,082	7	0	0	no	TE
at_locus.09888	5	17,915,329	17,915,700	1	0	5	no	TE
at_locus.09889	5	17,916,024	17,916,956	4	0	7	no	TE
at_locus.09890	5	17,917,373	17,917,821	3	0	5	no	TE
at_locus.09891	5	17,918,432	17,918,739	15	0	9	yes	TE
at_locus.09892	5	17,943,751	17,943,839	9	0	0	yes	
at_locus.09893	5	17,972,828	17,973,116	9	0	0	no	TE
at_locus.09894	5	17,973,687	17,974,158	19	0	0	no	TE
at_locus.09895	5	17,992,862	17,993,065	4	0	0	yes	TE
at_locus.09896	5	18,013,044	18,013,070	4	0	2	yes	
at_locus.09897	5	18,057,172	18,057,486	7	0	4	yes	
at_locus.09898	5	18,069,367	18,069,437	4	0	0	yes	
at_locus.09899	5	18,080,764	18,080,950	4	0	0	yes	TE
at_locus.09900	5	18,135,896	18,136,106	4	0	0	yes	TE
at_locus.09901	5	18,136,693	18,137,000	13	0	1	no	TE
at_locus.09902	5	18,137,265	18,137,569	4	0	4	no	TE
at_locus.09903	5	18,139,013	18,139,749	8	0	10	no	TE
at_locus.09904	5	18,141,240	18,141,878	1	0	8	no	TE
at_locus.09905	5	18,142,271	18,142,681	1	1	5	no	TE
at_locus.09906	5	18,143,472	18,144,088	7	0	5	no	TE
at_locus.09907	5	18,144,613	18,145,373	18	0	5	no	TE
at_locus.09908	5	18,146,125	18,146,419	1	0	5	no	TE
at_locus.09909	5	18,146,943	18,147,271	4	0	0	no	TE
at_locus.09910	5	18,147,539	18,147,854	5	0	0	no	TE
at_locus.09911	5	18,148,119	18,148,302	5	0	2	no	TE
at_locus.09912	5	18,148,767	18,149,324	6	0	1	no	TE
at_locus.09913	5	18,149,549	18,149,930	16	0	4	no	TE
at_locus.09914	5	18,163,649	18,164,019	12	0	3	yes	TE
at_locus.09915	5	18,188,604	18,189,141	27	0	24	no	TE
at_locus.09916	5	18,211,633	18,212,143	9	0	1	yes	TE
at_locus.09917	5	18,212,703	18,213,140	0	0	4	no	TE
at_locus.09918	5	18,213,394	18,214,104	7	0	6	yes	TE
at_locus.09919	5	18,215,816	18,216,262	5	0	2	no	TE

at_locus.09920	5	18,216,451	18,216,547	0	0	4	no	TE
at_locus.09921	5	18,216,605	18,217,098	4	0	0	yes	TE
at_locus.09922	5	18,217,334	18,217,695	7	0	1	no	TE
at_locus.09923	5	18,256,376	18,256,548	3	0	0	yes	
at_locus.09924	5	18,376,099	18,376,120	66	115	127	no	
at_locus.09925	5	18,432,063	18,432,098	5	0	0	yes	
at_locus.09926	5	18,438,216	18,438,425	18	0	4	yes	
at_locus.09927	5	18,473,762	18,473,868	4	0	0	yes	TE
at_locus.09928	5	18,496,953	18,497,839	17	0	6	yes	TE
at_locus.09929	5	18,503,945	18,503,981	5	0	0	yes	TE
at_locus.09930	5	18,507,836	18,508,021	8	0	1	no	TE
at_locus.09931	5	18,512,191	18,512,559	9	0	1	no	TE
at_locus.09932	5	18,537,440	18,537,480	5	0	1	no	
at_locus.09933	5	18,538,097	18,538,276	11	0	1	yes	
at_locus.09934	5	18,551,077	18,551,513	9	0	5	yes	
at_locus.09935	5	18,567,925	18,568,028	5	0	0	yes	
at_locus.09936	5	18,571,344	18,571,624	11	0	1	yes	TE
at_locus.09937	5	18,588,099	18,588,180	20	1	0	yes	
at_locus.09938	5	18,643,437	18,643,700	7	0	2	no	TE
at_locus.09939	5	18,643,924	18,644,410	6	0	1	no	
at_locus.09940	5	18,653,591	18,653,669	6	0	2	yes	
at_locus.09941	5	18,654,304	18,654,735	51	1	7	yes	
at_locus.09942	5	18,684,572	18,684,658	4	0	0	yes	TE
at_locus.09943	5	18,686,154	18,687,072	45	0	20	yes	TE
at_locus.09944	5	18,734,892	18,734,953	7	0	0	yes	
at_locus.09945	5	18,744,171	18,744,730	8	0	10	yes	TE
at_locus.09946	5	18,755,062	18,755,171	6	1	0	yes	
at_locus.09948	5	18,826,162	18,826,422	20	2	0	yes	
at_locus.09949	5	18,871,179	18,871,264	16	0	0	no	TE
at_locus.09950	5	18,872,298	18,872,474	19	0	0	no	TE
at_locus.09951	5	18,872,709	18,873,028	22	1	0	no	TE
at_locus.09952	5	18,895,607	18,895,625	0	16	0	yes	
at_locus.09953	5	18,919,120	18,919,157	4	0	0	yes	
at_locus.09954	5	18,936,873	18,937,308	10	0	0	yes	TE
at_locus.09955	5	18,944,541	18,944,941	4	0	0	yes	
at_locus.09956	5	18,950,398	18,950,492	6	0	2	no	TE
at_locus.09957	5	18,950,730	18,951,099	0	0	4	no	TE

at_locus.09958	5	18,953,144	18,953,431	0	0	4	no	TE
at_locus.09959	5	18,955,714	18,955,846	7	0	2	no	TE
at_locus.09960	5	18,997,407	18,998,056	11	1	3	no	TE
at_locus.09961	5	18,998,270	18,998,675	12	2	5	yes	TE
at_locus.09962	5	19,019,211	19,019,663	7	0	0	yes	TE
at_locus.09963	5	19,026,322	19,026,406	9	48	17	yes	
at_locus.09964	5	19,035,897	19,036,363	26	0	1	yes	
at_locus.09965	5	19,036,640	19,036,775	9	0	0	no	TE
at_locus.09966	5	19,043,604	19,043,842	9	0	0	yes	
at_locus.09967	5	19,044,886	19,044,968	30	0	0	yes	TE
at_locus.09968	5	19,060,066	19,060,159	5	0	0	yes	TE
at_locus.09969	5	19,078,238	19,078,275	11	0	5	yes	
at_locus.09970	5	19,080,973	19,081,496	16	0	12	yes	
at_locus.09971	5	19,097,817	19,097,865	6	0	1	no	TE
at_locus.09972	5	19,118,913	19,119,338	14	1	0	no	TE
at_locus.09973	5	19,131,810	19,132,251	5	0	0	no	TE
at_locus.09974	5	19,170,909	19,170,971	6	0	0	no	TE
at_locus.09975	5	19,192,939	19,193,061	5	1	0	yes	TE
at_locus.09976	5	19,206,805	19,206,993	0	0	4	yes	
at_locus.09977	5	19,216,131	19,216,332	0	0	4	yes	
at_locus.09978	5	19,297,565	19,297,844	6	0	0	yes	
at_locus.09979	5	19,359,903	19,359,919	0	0	4	no	
at_locus.09980	5	19,424,851	19,425,213	12	0	7	yes	
at_locus.09981	5	19,425,606	19,425,741	11	0	0	no	TE
at_locus.09982	5	19,436,269	19,436,343	21	0	2	no	TE
at_locus.09983	5	19,436,596	19,436,749	6	0	1	no	TE
at_locus.09984	5	19,437,008	19,437,769	25	0	5	no	TE
at_locus.09985	5	19,443,433	19,443,624	0	0	1	no	TE
at_locus.09986	5	19,444,183	19,444,331	21	2	2	no	TE
at_locus.09987	5	19,456,253	19,456,890	5	0	5	yes	TE
at_locus.09988	5	19,465,096	19,465,131	7	0	0	no	
at_locus.09989	5	19,496,844	19,496,978	24	0	1	no	TE
at_locus.09990	5	19,497,212	19,497,301	8	0	0	yes	TE
at_locus.09991	5	19,511,094	19,511,194	4	0	0	yes	TE
at_locus.09992	5	19,513,150	19,513,408	14	0	0	no	TE
at_locus.09993	5	19,514,004	19,514,260	26	2	2	yes	TE
at_locus.09994	5	19,516,096	19,516,412	8	0	2	yes	TE

at_locus.09995	5	19,543,561	19,543,817	12	0	0	yes	
at_locus.09996	5	19,561,275	19,561,755	6	0	1	no	
at_locus.09997	5	19,624,813	19,625,064	5	0	1	yes	
at_locus.09998	5	19,688,035	19,688,112	9	0	0	no	TE
at_locus.09999	5	19,688,837	19,688,974	18	2	0	no	TE
at_locus.10000	5	19,743,589	19,743,664	10	0	1	yes	
at_locus.10001	5	19,757,860	19,758,560	64	6	1	no	TE
at_locus.10002	5	19,758,816	19,759,128	11	2	0	no	TE
at_locus.10003	5	19,759,758	19,759,835	9	0	0	no	TE
at_locus.10004	5	19,763,698	19,763,741	11	1	0	yes	
at_locus.10005	5	19,769,445	19,770,030	15	0	11	yes	
at_locus.10006	5	19,829,262	19,829,427	12	1	0	yes	
at_locus.10007	5	19,849,633	19,849,820	4	0	0	yes	TE
at_locus.10008	5	19,887,996	19,888,161	96	0	0	yes	TE
at_locus.10009	5	19,902,925	19,902,960	4	0	1	no	
at_locus.10010	5	19,903,159	19,903,320	0	1	5	yes	
at_locus.10011	5	19,908,344	19,909,867	5	0	2	no	
at_locus.10012	5	19,927,691	19,927,813	6	0	1	yes	TE
at_locus.10013	5	19,947,532	19,947,933	15	0	2	no	TE
at_locus.10014	5	19,948,705	19,948,784	11	0	0	no	TE
at_locus.10015	5	19,969,699	19,969,907	21	0	0	yes	
at_locus.10016	5	19,984,963	19,985,154	7	0	0	yes	TE
at_locus.10017	5	20,015,363	20,015,601	11	0	0	yes	
at_locus.10018	5	20,106,923	20,107,120	11	1	0	yes	
at_locus.10019	5	20,136,854	20,136,937	4	0	0	no	TE
at_locus.10020	5	20,145,622	20,145,653	4	0	3	yes	TE
at_locus.10021	5	20,146,059	20,146,182	2	0	5	no	TE
at_locus.10022	5	20,146,315	20,146,929	55	1	0	no	TE
at_locus.10023	5	20,151,642	20,151,910	14	47	19	yes	
at_locus.10024	5	20,267,190	20,267,429	11	0	1	yes	
at_locus.10025	5	20,294,320	20,294,683	6	0	0	yes	TE
at_locus.10026	5	20,295,169	20,295,368	8	0	1	yes	TE
at_locus.10027	5	20,295,842	20,296,052	12	0	0	yes	TE
at_locus.10028	5	20,297,260	20,297,955	50	2	1	no	TE
at_locus.10029	5	20,298,177	20,298,518	9	2	0	no	TE
at_locus.10030	5	20,299,142	20,299,210	4	0	0	no	TE
at_locus.10031	5	20,312,351	20,312,456	9	0	0	yes	

at_locus.10032	5	20,330,275	20,331,633	174	1	93	yes	
at_locus.10033	5	20,331,916	20,332,143	6	0	5	yes	
at_locus.10034	5	20,415,444	20,416,209	38	2	3	no	TE
at_locus.10035	5	20,416,560	20,416,594	16	0	0	no	TE
at_locus.10036	5	20,444,003	20,444,124	34	0	2	no	TE
at_locus.10037	5	20,444,531	20,444,792	45	1	0	yes	TE
at_locus.10038	5	20,457,377	20,458,471	20	0	14	yes	TE
at_locus.10039	5	20,481,736	20,481,759	8	61	14	yes	
at_locus.10040	5	20,490,317	20,490,855	17	1	6	yes	
at_locus.10041	5	20,544,051	20,544,404	15	0	0	yes	TE
at_locus.10042	5	20,574,779	20,574,911	11	0	0	yes	
at_locus.10043	5	20,592,909	20,593,762	53	0	22	no	
at_locus.10044	5	20,609,338	20,609,411	4	0	0	no	
at_locus.10045	5	20,611,727	20,611,870	56	2	4	no	TE
at_locus.10046	5	20,626,251	20,627,104	53	0	22	no	
at_locus.10047	5	20,642,680	20,642,753	4	0	0	no	
at_locus.10048	5	20,645,069	20,645,212	56	2	4	no	TE
at_locus.10049	5	20,649,374	20,649,609	0	0	5	yes	TE
at_locus.10050	5	20,649,775	20,649,924	10	0	0	yes	TE
at_locus.10051	5	20,656,769	20,657,577	14	0	5	no	TE
at_locus.10052	5	20,666,626	20,666,860	4	0	0	yes	
at_locus.10053	5	20,677,529	20,677,904	9	0	0	no	
at_locus.10054	5	20,687,195	20,687,317	7	0	0	yes	
at_locus.10055	5	20,691,558	20,692,046	18	0	1	yes	TE
at_locus.10056	5	20,697,661	20,698,386	69	4	0	no	TE
at_locus.10057	5	20,698,615	20,698,927	10	1	0	no	TE
at_locus.10059	5	20,773,971	20,774,271	7	0	0	yes	
at_locus.10060	5	20,788,996	20,789,222	21	1	5	yes	
at_locus.10061	5	20,790,301	20,790,436	9	0	0	yes	
at_locus.10062	5	20,805,426	20,805,643	22	0	0	yes	
at_locus.10063	5	20,805,904	20,805,972	4	0	0	no	TE
at_locus.10064	5	20,812,948	20,812,971	0	0	12	yes	
at_locus.10066	5	20,819,883	20,819,936	4	0	0	yes	
at_locus.10067	5	20,873,800	20,873,991	13	0	0	yes	TE
at_locus.10068	5	20,901,345	20,901,451	5	0	0	no	
at_locus.10069	5	20,995,655	20,996,326	19	0	15	yes	
at_locus.10070	5	21,013,987	21,014,149	2	6	4	yes	

at_locus.10071	5	21,031,908	21,032,592	18	0	23	yes	TE
at_locus.10072	5	21,033,565	21,033,795	7	0	0	yes	TE
at_locus.10073	5	21,045,319	21,045,499	5	0	0	yes	
at_locus.10074	5	21,173,006	21,173,150	6	0	0	yes	
at_locus.10075	5	21,178,733	21,179,009	2	3	5	yes	
at_locus.10076	5	21,179,393	21,179,547	6	0	1	yes	
at_locus.10077	5	21,179,758	21,180,010	4	0	4	yes	
at_locus.10078	5	21,184,338	21,184,426	50	0	0	no	
at_locus.10079	5	21,186,795	21,186,887	53	0	0	yes	
at_locus.10080	5	21,191,667	21,192,078	25	0	1	yes	TE
at_locus.10081	5	21,193,023	21,193,078	8	0	0	no	
at_locus.10082	5	21,210,168	21,210,449	5	0	0	yes	
at_locus.10083	5	21,286,348	21,286,414	7	0	0	yes	
at_locus.10084	5	21,440,975	21,441,125	4	0	0	yes	
at_locus.10085	5	21,473,360	21,474,025	34	1	8	yes	
at_locus.10086	5	21,484,047	21,484,142	4	0	4	no	
at_locus.10087	5	21,484,785	21,485,376	13	0	11	yes	
at_locus.10088	5	21,485,964	21,486,148	7	0	4	yes	
at_locus.10089	5	21,547,315	21,547,400	11	0	0	no	TE
at_locus.10090	5	21,548,354	21,549,132	22	1	1	no	TE
at_locus.10091	5	21,570,043	21,570,405	10	0	0	yes	
at_locus.10092	5	21,601,518	21,601,658	11	1	1	no	TE
at_locus.10093	5	21,685,281	21,685,318	10	0	0	no	
at_locus.10094	5	21,713,877	21,714,682	39	0	10	yes	
at_locus.10095	5	21,717,086	21,717,111	4	0	0	yes	
at_locus.10096	5	21,792,918	21,793,270	6	0	0	no	TE
at_locus.10097	5	21,793,631	21,793,779	18	0	0	no	TE
at_locus.10098	5	21,796,109	21,796,614	11	0	0	yes	
at_locus.10099	5	21,820,535	21,821,203	20	0	10	yes	TE
at_locus.10100	5	21,828,993	21,829,101	1	4	0	no	
at_locus.10101	5	21,831,258	21,831,366	1	4	0	no	
at_locus.10102	5	21,854,400	21,855,344	74	1	11	yes	
at_locus.10103	5	21,863,719	21,864,207	64	2	1	yes	
at_locus.10104	5	21,864,619	21,864,924	31	1	30	yes	
at_locus.10106	5	21,959,658	21,959,796	4	0	0	yes	
at_locus.10108	5	22,019,266	22,019,538	28	0	0	no	TE
at_locus.10109	5	22,019,835	22,020,145	1	0	5	no	TE

at_locus.10110	5	22,020,537	22,021,042	2	0	5	no	TE
at_locus.10111	5	22,022,393	22,022,562	5	0	0	no	TE
at_locus.10112	5	22,023,525	22,023,947	1	0	4	no	TE
at_locus.10113	5	22,023,953	22,024,061	9	0	0	yes	TE
at_locus.10114	5	22,037,997	22,038,287	8	0	0	yes	TE
at_locus.10117	5	22,111,393	22,112,176	11	0	10	yes	
at_locus.10118	5	22,127,629	22,127,985	9	0	5	yes	
at_locus.10119	5	22,154,277	22,154,466	7	0	0	no	TE
at_locus.10120	5	22,155,230	22,155,302	6	0	0	yes	TE
at_locus.10121	5	22,182,157	22,182,677	17	1	9	yes	
at_locus.10122	5	22,240,332	22,240,383	5	0	0	no	
at_locus.10123	5	22,248,297	22,248,626	33	2	0	yes	TE
at_locus.10124	5	22,248,862	22,249,010	9	0	0	no	TE
at_locus.10125	5	22,249,238	22,249,315	4	1	0	no	TE
at_locus.10126	5	22,264,426	22,264,863	3	13	5	yes	
at_locus.10127	5	22,289,287	22,289,390	6	0	0	yes	
at_locus.10128	5	22,336,745	22,336,762	1	1	8	no	
at_locus.10129	5	22,339,960	22,340,164	13	50	47	yes	
at_locus.10130	5	22,352,442	22,352,760	25	0	1	no	TE
at_locus.10131	5	22,409,058	22,409,100	4	0	0	yes	
at_locus.10132	5	22,458,272	22,458,420	11	0	1	yes	
at_locus.10133	5	22,458,681	22,459,372	34	1	10	yes	
at_locus.10134	5	22,480,903	22,480,958	5	0	0	no	TE
at_locus.10135	5	22,481,302	22,481,426	6	0	0	no	TE
at_locus.10137	5	22,527,996	22,528,214	12	0	2	yes	TE
at_locus.10138	5	22,529,657	22,530,149	23	1	7	yes	TE
at_locus.10139	5	22,531,145	22,531,506	8	1	0	yes	
at_locus.10140	5	22,551,862	22,552,315	13	0	4	yes	
at_locus.10141	5	22,614,313	22,614,333	7	41	8	yes	
at_locus.10142	5	22,633,231	22,633,418	4	0	0	no	TE
at_locus.10143	5	22,638,081	22,638,172	6	0	1	no	TE
at_locus.10144	5	22,638,406	22,638,618	17	0	0	no	TE
at_locus.10145	5	22,660,038	22,660,145	4	0	0	yes	
at_locus.10146	5	22,691,545	22,691,704	17	0	1	yes	
at_locus.10147	5	22,692,559	22,692,655	1	0	6	yes	
at_locus.10148	5	22,718,551	22,718,847	1	0	5	no	
at_locus.10149	5	22,722,492	22,722,890	48	3	40	yes	

at_locus.10150	5	22,723,191	22,723,522	42	2	28	yes	
at_locus.10151	5	22,723,958	22,724,422	57	1	23	yes	
at_locus.10152	5	22,724,965	22,725,194	84	3	41	yes	
at_locus.10153	5	22,725,569	22,726,504	197	9	153	yes	
at_locus.10154	5	22,763,914	22,764,108	8	0	0	yes	
at_locus.10155	5	22,819,077	22,819,214	6	0	0	yes	
at_locus.10156	5	22,846,035	22,846,206	0	1	5	yes	
at_locus.10157	5	22,850,814	22,850,845	4	0	0	no	
at_locus.10158	5	22,858,343	22,858,549	13	0	0	yes	
at_locus.10159	5	22,928,264	22,929,092	37	0	4	yes	TE
at_locus.10160	5	22,929,880	22,930,148	3	0	4	no	TE
at_locus.10161	5	22,930,469	22,931,420	20	0	8	no	TE
at_locus.10162	5	22,931,692	22,932,027	36	0	2	no	TE
at_locus.10163	5	22,932,399	22,933,373	56	4	15	no	TE
at_locus.10164	5	23,041,835	23,042,278	14	0	0	yes	
at_locus.10165	5	23,043,272	23,043,447	19	1	2	no	TE
at_locus.10166	5	23,044,217	23,044,519	4	0	8	yes	TE
at_locus.10167	5	23,063,898	23,064,070	5	0	0	yes	
at_locus.10169	5	23,152,346	23,152,544	2	0	2	no	TE
at_locus.10170	5	23,154,109	23,154,277	0	0	4	yes	TE
at_locus.10171	5	23,154,609	23,154,636	4	0	0	no	TE
at_locus.10172	5	23,155,244	23,155,484	0	0	6	yes	TE
at_locus.10173	5	23,156,640	23,157,086	8	0	5	no	TE
at_locus.10174	5	23,324,374	23,324,607	0	5	0	yes	
at_locus.10175	5	23,410,395	23,410,428	9	0	0	yes	
at_locus.10176	5	23,411,501	23,411,676	5	5	3	yes	
at_locus.10177	5	23,448,622	23,448,703	0	5	7	no	
at_locus.10178	5	23,448,788	23,449,400	45	0	1	no	TE
at_locus.10179	5	23,449,677	23,449,955	7	0	0	no	TE
at_locus.10180	5	23,465,072	23,465,136	0	0	5	no	
at_locus.10181	5	23,522,157	23,522,365	3	5	4	yes	
at_locus.10182	5	23,609,884	23,610,098	12	0	3	yes	
at_locus.10183	5	23,654,186	23,654,280	297	671	180	yes	
at_locus.10184	5	23,671,992	23,672,036	6	0	0	yes	
at_locus.10185	5	23,780,531	23,780,569	14	0	0	yes	
at_locus.10186	5	23,791,549	23,792,886	60	0	24	yes	TE
at_locus.10187	5	24,005,710	24,005,816	12	46	39	yes	



at_locus.10188	5	24,019,417	24,019,791	41	0	1	no	TE
at_locus.10189	5	24,020,207	24,020,472	12	0	0	no	TE
at_locus.10190	5	24,040,009	24,040,281	2	0	4	no	
at_locus.10191	5	24,044,545	24,044,641	4	0	3	no	TE
at_locus.10192	5	24,128,047	24,128,293	4	0	0	no	
at_locus.10193	5	24,135,188	24,135,255	9	0	0	no	TE
at_locus.10194	5	24,203,053	24,203,307	10	1	0	yes	TE
at_locus.10195	5	24,203,823	24,203,895	11	0	0	no	TE
at_locus.10196	5	24,204,146	24,204,433	7	2	0	no	TE
at_locus.10197	5	24,204,674	24,204,703	0	0	4	no	TE
at_locus.10198	5	24,205,065	24,205,094	4	0	0	no	TE
at_locus.10199	5	24,310,386	24,310,464	12	40	4	yes	
at_locus.10200	5	24,331,599	24,331,723	7	0	0	no	TE
at_locus.10201	5	24,361,317	24,361,520	4	0	0	yes	TE
at_locus.10202	5	24,361,829	24,362,313	2	0	0	no	TE
at_locus.10203	5	24,396,183	24,396,211	5	0	0	yes	
at_locus.10204	5	24,453,116	24,453,203	4	0	1	yes	TE
at_locus.10205	5	24,453,741	24,453,824	5	0	0	no	TE
at_locus.10206	5	24,466,042	24,466,599	57	1	1	yes	TE
at_locus.10207	5	24,492,519	24,493,242	18	0	0	no	TE
at_locus.10208	5	24,544,148	24,544,223	7	0	1	yes	
at_locus.10209	5	24,548,400	24,548,474	19	0	1	yes	
at_locus.10210	5	24,603,890	24,604,292	27	0	0	yes	TE
at_locus.10211	5	24,618,611	24,618,652	5	0	0	no	TE
at_locus.10212	5	24,671,641	24,671,769	0	4	2	yes	
at_locus.10213	5	24,712,869	24,713,286	9	0	1	no	TE
at_locus.10214	5	24,718,913	24,718,930	0	4	0	no	
at_locus.10215	5	24,720,945	24,721,091	11	0	0	no	
at_locus.10218	5	24,836,004	24,836,176	68	1	4	no	TE
at_locus.10219	5	24,837,260	24,837,392	22	0	0	yes	TE
at_locus.10220	5	24,925,990	24,926,205	6	0	0	yes	
at_locus.10221	5	24,961,185	24,961,445	0	0	3	yes	
at_locus.10222	5	24,979,723	24,979,814	3	4	1	yes	
at_locus.10223	5	24,983,768	24,983,859	22	0	0	yes	
at_locus.10224	5	24,988,127	24,988,518	12	0	0	yes	
at_locus.10225	5	25,011,424	25,011,519	10	0	0	yes	TE
at_locus.10226	5	25,065,933	25,066,059	4	0	0	yes	TE

at_locus.10227	5	25,196,017	25,196,168	5	0	0	no	TE
at_locus.10228	5	25,281,654	25,281,968	17	0	0	no	TE
at_locus.10229	5	25,282,309	25,282,561	9	0	1	yes	TE
at_locus.10230	5	25,296,825	25,296,926	11	38	13	no	
at_locus.10231	5	25,504,180	25,504,496	7	0	6	yes	
at_locus.10232	5	25,522,108	25,522,129	73	439	197	no	
at_locus.10233	5	25,841,062	25,841,488	3	0	8	yes	
at_locus.10234	5	25,861,828	25,862,097	5	0	0	no	TE
at_locus.10235	5	25,921,954	25,922,180	4	0	0	yes	TE
at_locus.10236	5	25,922,406	25,922,839	15	1	1	no	TE
at_locus.10237	5	25,985,760	25,985,836	11	0	0	yes	
at_locus.10238	5	26,032,577	26,032,983	17	0	1	no	TE
at_locus.10239	5	26,087,065	26,087,489	13	1	5	yes	TE
at_locus.10240	5	26,089,385	26,090,182	4	0	0	yes	
at_locus.10241	5	26,226,729	26,226,912	4	0	1	no	TE
at_locus.10242	5	26,227,119	26,227,211	4	0	1	yes	TE
at_locus.10243	5	26,250,610	26,250,772	8	0	1	yes	
at_locus.10244	5	26,306,778	26,306,803	6	0	0	yes	
at_locus.10245	5	26,367,027	26,367,051	0	0	4	yes	
at_locus.10246	5	26,428,820	26,428,881	3	19	16	yes	
at_locus.10247	5	26,432,617	26,432,712	8	0	0	yes	TE
at_locus.10248	5	26,468,446	26,468,466	0	1	12	yes	
at_locus.10249	5	26,482,070	26,482,337	25	0	0	yes	
at_locus.10250	5	26,500,467	26,501,647	31	0	4	no	TE
at_locus.10251	5	26,502,065	26,502,197	4	0	1	no	TE
at_locus.10252	5	26,502,462	26,502,536	21	0	2	no	TE
at_locus.10253	5	26,572,850	26,572,878	1	17	5	no	
at_locus.10255	5	26,687,714	26,687,847	4	0	0	yes	
at_locus.10256	5	26,804,334	26,804,543	16	0	0	no	TE
at_locus.10257	5	26,909,523	26,909,848	4	0	0	no	TE
at_locus.10258	5	26,910,482	26,910,623	8	0	0	no	TE
at_locus.10259	5	26,966,898	26,966,998	0	4	4	no	