



63116 +	TSS_000396	1000	340	0	1 P	16nt upstream of gene PMM0058; within gene(s) PMM0058;
63461 +	TSS_000399	1000	157	0	3 I	121nt upstream of gene PMM0059;
65570 -	TSS_012538	1000	101	0	0 P	89nt upstream of gene PMM0060;
65752 +	TSS_000405	1000	224	0	1 P	within gene(s) PMM0060;
66151 +	TSS_000408	1000	184	0	0 I	within gene(s) PMM0060;
66518 +	TSS_000412	1000	155	0	5 I	within gene(s) PMM0060;
67529 -	TSS_012545	1000	229	0	1 P	16nt upstream of gene PMM0061;
67586 +	TSS_000421	1000	2519	0	2 P	66nt upstream of gene PMM0062;
67872 -	TSS_012547	1000	135	0	0 Ai	antisense to gene(s) PMM0063;
67893 +	TSS_000426	1000	396	0	6 I	within gene(s) PMM0063;
68237 +	TSS_000443	1000	272	0	3 I	within gene(s) PMM0063;
68332 +	TSS_000452	1000	115	0	28 I	within gene(s) PMM0063;
68340 -	TSS_012555	1000	171	0	2 Ai	antisense to gene(s) PMM0063;
68356 -	TSS_012557	1000	110	0	0 Ai	antisense to gene(s) PMM0063;
68372 -	TSS_012558	1000	107	0	0 Ai	antisense to gene(s) PMM0063;
68394 -	TSS_012559	1000	138	0	0 Ai	antisense to gene(s) PMM0063;
68438 -	TSS_012562	1000	187	0	8 Ai	antisense to gene(s) PMM0063;
68453 +	TSS_000466	1000	209	0	1 I	within gene(s) PMM0063;
68473 +	TSS_000468	1000	121	0	0 I	within gene(s) PMM0063;
68533 +	TSS_000473	1000	182	0	0 I	within gene(s) PMM0063;
68543 +	TSS_000475	1000	138	0	1 I	within gene(s) PMM0063;
68569 +	TSS_000482	1000	270	0	15 I	within gene(s) PMM0063;
68620 +	TSS_000486	1000	466	0	21 I	within gene(s) PMM0063;
68680 +	TSS_000496	1000	178	0	3 I	within gene(s) PMM0063;
69179 -	TSS_012565	1000	248	0	1 IP	within gene(s) PMM0065; 143nt upstream of gene PMM0064;
70887 -	TSS_012578	1000	159	0	0 I	within gene(s) PMM0065;
72400 -	TSS_012584	1000	119	0	0 P	32nt upstream of gene PMM0068;
73190 -	TSS_012586	1000	105	0	0 Ai	antisense to gene(s) PMM0069;
73910 -	TSS_012589	1000	196	0	0 Ai	antisense to gene(s) PMM0069;
74082 -	TSS_012590	1000	150	0	0 Ai	antisense to gene(s) PMM0069;
74118 -	TSS_012591	1000	277	0	0 Ai	antisense to gene(s) PMM0069;
78158 -	TSS_012609	1000	307	0	1 I	within gene(s) PMM0073;
78218 -	TSS_012611	1000	355	0	0 I	within gene(s) PMM0073;
78295 -	TSS_012612	1000	270	0	7 I	within gene(s) PMM0073;
78481 -	TSS_012619	1000	248	0	0 I	within gene(s) PMM0073;
79127 -	TSS_012635	1000	125	0	4 P	6nt upstream of gene PMM0073;
79154 -	TSS_012637	1000	728	0	4 P	33nt upstream of gene PMM0073;
80289 +	TSS_000522	1000	240	0	6 I	within gene(s) PMM0075;
80352 +	TSS_000525	1000	188	0	0 I	within gene(s) PMM0075;
82229 -	TSS_012648	1000	143	0	0 Ai	antisense to gene(s) PMM0076;
89200 -	TSS_012665	1000	195	0	4 Ai	antisense to gene(s) PMM0083;
90051 +	TSS_000566	1000	301	0	0 I	within gene(s) PMM0084;
91200 +	TSS_000576	1000	2612	0	7 IP	within gene(s) PMM0084; 60nt upstream of gene PMM0085;
91487 -	TSS_012680	1000	412	0	0 Ai	antisense to gene(s) PMM0085;
91711 -	TSS_012685	1000	764	0	1 Ai	antisense to gene(s) PMM0085;
91842 +	TSS_000586	1000	102	0	9 I	within gene(s) PMM0085;
92293 -	TSS_012688	1000	2120	0	2 P	20nt upstream of gene PMM0086;
92350 +	TSS_000587	1000	911	0	0 P	40nt upstream of gene PMM0087;
92747 +	TSS_000592	1000	1110	0	0 P	17nt upstream of gene PMM0088;
93143 -	TSS_012692	1000	707	0	2 O	-
94679 -	TSS_012694	1000	172	0	3 Ai	antisense to gene(s) PMM0089;
96428 +	TSS_000605	1000	227	0	2 P	24nt upstream of gene PMM0091;
96699 +	TSS_000625	1000	108	0	1 IP	within gene(s) PMM0091; 121nt upstream of gene PMM0092;
96919 -	TSS_012702	1000	171	0	0 Ai	antisense to gene(s) PMM0092;
97181 +	TSS_000633	1000	17424	0	10 P	19nt upstream of gene PMM0093;
98015 -	TSS_012706	1000	440	0	4 I	within gene(s) PMM0095;
98676 -	TSS_012710	1000	208	0	1 P	16nt upstream of gene PMM0095;
101137 +	TSS_000642	1000	105	0	0 Ai	antisense to gene(s) PMM0098;
105437 -	TSS_012728	1000	221	0	2 I	within gene(s) PMM0101;
105946 -	TSS_012734	1000	381	0	0 P	30nt upstream of gene PMM0101;
107836 -	TSS_012739	1000	106	0	0 I	within gene(s) PMM0103;
110281 +	TSS_000666	1000	992	0	1 Ai	antisense to gene(s) PMM0106;
114786 +	TSS_000679	1000	166	0	1 Ai	antisense to gene(s) PMM0114;
115971 +	TSS_000686	1000	110	0	0 Ai	antisense to gene(s) PMM0115;
116575 +	TSS_000689	1000	102	0	6 I	within gene(s) PMM0116;
118346 -	TSS_012782	1000	223	0	0 Ai	antisense to gene(s) PMM0118;
119698 -	TSS_012793	1000	215	0	2 P	16nt upstream of gene PMM0120;
119798 +	TSS_000715	1000	1367	0	2 P	28nt upstream of gene PMM0121;
120990 -	TSS_012801	1000	579	0	5 IP	within gene(s) PMM0123; 240nt upstream of gene PMM0122;
121764 -	TSS_012809	1000	115	0	0 P	29nt upstream of gene PMM0123;
122897 +	TSS_000726	1000	625	0	2 O	-
123251 +	TSS_000727	1000	625	0	0 P	68nt upstream of gene PMM0126;
123779 +	TSS_000730	1000	1378	0	1 I	within gene(s) PMM0126;
123796 +	TSS_000731	1000	337	0	0 I	within gene(s) PMM0126;
125323 +	TSS_000740	1000	1838	0	1 P	35nt upstream of gene PMM0128;
125778 +	TSS_000763	1000	161	0	9 I	within gene(s) PMM0128;
125808 +	TSS_000769	1000	158	0	0 I	within gene(s) PMM0128;
129278 -	TSS_012839	1000	142	0	3 I	within gene(s) PMM0131;
130071 -	TSS_012841	1000	198	0	3 P	34nt upstream of gene PMM0131;



189435 +	TSS_001174	1000	116	0	6 I	within gene(s) PMM0195;
189468 +	TSS_001181	1000	246	0	12 I	within gene(s) PMM0195;
189748 -	TSS_013141	1000	122	0	0 Ai	antisense to gene(s) PMM0195;
195220 -	TSS_013155	1000	112	0	0 IP	within gene(s) PMM0201; 249nt upstream of gene PMM0200;
195266 +	TSS_001210	1000	1474	0	4 Ai	antisense to gene(s) PMM0201;
195316 -	TSS_013163	1000	254	0	12 I	within gene(s) PMM0201;
195328 -	TSS_013165	1000	292	0	3 I	within gene(s) PMM0201;
195358 -	TSS_013168	1000	103	0	0 I	within gene(s) PMM0201;
195367 -	TSS_013169	1000	241	0	3 I	within gene(s) PMM0201;
195388 -	TSS_013173	1000	213	0	1 I	within gene(s) PMM0201;
195626 -	TSS_013181	1000	119	0	7 IP	within gene(s) PMM0202; 214nt upstream of gene PMM0201;
195665 -	TSS_013184	1000	263	0	4 I	within gene(s) PMM0202;
195760 -	TSS_013191	1000	393	0	2 I	within gene(s) PMM0202;
195809 -	TSS_013197	1000	229	0	3 I	within gene(s) PMM0202;
195869 -	TSS_013204	1000	151	0	2 I	within gene(s) PMM0202;
196098 -	TSS_013208	1000	103	0	0 P	130nt upstream of gene PMM0202;
196510 +	TSS_001220	1000	230	0	1 Ai	antisense to gene(s) PMM0203;
196627 -	TSS_013229	1000	117	0	6 I	within gene(s) PMM0203;
196639 -	TSS_013230	1000	171	0	0 I	within gene(s) PMM0203;
196677 +	TSS_001223	1000	173	0	0 Ai	antisense to gene(s) PMM0203;
197001 -	TSS_013242	1000	854	0	2 IP	within gene(s) PMM0204; 133nt upstream of gene PMM0203;
197448 -	TSS_013256	1000	559	0	3 IP	within gene(s) PMM0205; 88nt upstream of gene PMM0204;
197685 +	TSS_001226	1000	156	0	0 Ai	antisense to gene(s) PMM0205;
197771 -	TSS_013269	1000	182	0	0 I	within gene(s) PMM0205;
197837 -	TSS_013272	1000	161	0	0 I	within gene(s) PMM0205;
197876 -	TSS_013276	1000	156	0	5 I	within gene(s) PMM0205;
198069 -	TSS_013284	1000	654	0	5 P	34nt upstream of gene PMM0205;
198181 -	TSS_013289	1000	290	0	0 IP	within gene(s) PMM0206; 146nt upstream of gene PMM0205;
198382 -	TSS_013290	1000	250	0	0 P	33nt upstream of gene PMM0206;
199933 -	TSS_013297	1000	141	0	3 I	within gene(s) PMM0207;
201442 +	TSS_001235	1000	3101	0	5 P	14nt upstream of gene PMM0208;
202297 -	TSS_013306	1000	118	0	0 Ai	antisense to gene(s) PMM0208;
202306 -	TSS_013307	1000	116	0	0 Ai	antisense to gene(s) PMM0208;
203176 -	TSS_013316	1000	193	0	1 I	within gene(s) PMM0209;
203219 -	TSS_013318	1000	609	0	0 I	within gene(s) PMM0209;
204910 +	TSS_001276	1000	1328	0	4 P	82nt upstream of gene PMM0211;
205563 -	TSS_013326	1000	206	0	6 A	antisense to gene(s) PMM0211;
205900 -	TSS_013334	1000	1548	0	1 Ai	antisense to gene(s) PMM0211;
206424 -	TSS_013337	1000	495	0	2 IP	within gene(s) PMM0213; 172nt upstream of gene PMM0212;
207635 -	TSS_013349	1000	102	0	0 I	within gene(s) PMM0214;
207653 -	TSS_013350	1000	125	0	12 I	within gene(s) PMM0214;
207728 -	TSS_013359	1000	117	0	17 I	within gene(s) PMM0214;
208325 -	TSS_013395	1000	139	0	1 I	within gene(s) PMM0214;
208516 -	TSS_013400	1000	108	0	1 I	within gene(s) PMM0214;
208538 -	TSS_013405	1000	194	0	12 I	within gene(s) PMM0214;
208631 +	TSS_001325	1000	111	0	0 Ai	antisense to gene(s) PMM0214;
208702 +	TSS_001327	1000	226	0	1 Ai	antisense to gene(s) PMM0214;
208724 -	TSS_013417	1000	122	0	13 I	within gene(s) PMM0214;
208811 -	TSS_013426	1000	206	0	1 I	within gene(s) PMM0214;
208944 -	TSS_013435	1000	7143	0	4 P	28nt upstream of gene PMM0214;
209113 +	TSS_001329	1000	527	0	1 P	31nt upstream of gene PMM0215;
210185 +	TSS_001341	1000	193	0	1 P	16nt upstream of gene PMM0216;
211988 -	TSS_013443	1000	664	0	1 Ai	antisense to gene(s) PMM0217;
213029 +	TSS_001353	1000	472	0	6 P	33nt upstream of gene PMM0218;
214116 +	TSS_001359	1000	1375	0	3 P	17nt upstream of gene PMM0219;
214675 -	TSS_013448	1000	4502	0	5 P	19nt upstream of gene PMM0220;
216078 +	TSS_001365	1000	104	0	0 I	within gene(s) PMM0222;
216861 +	TSS_001367	1000	22207	0	4 I	within gene(s) PMM0223;
216876 +	TSS_001370	1000	682	0	0 I	within gene(s) PMM0223;
216900 +	TSS_001373	1000	1252	0	3 I	within gene(s) PMM0223;
216909 +	TSS_001374	1000	527	0	3 I	within gene(s) PMM0223;
216924 +	TSS_001376	1000	460	0	0 I	within gene(s) PMM0223;
216936 +	TSS_001377	1000	1402	0	12 I	within gene(s) PMM0223;
217002 +	TSS_001393	1000	7965	0	63 I	within gene(s) PMM0223;
217029 +	TSS_001399	1000	4334	0	1 I	within gene(s) PMM0223;
217050 +	TSS_001403	1000	2180	0	10 I	within gene(s) PMM0223;
217078 +	TSS_001407	1000	907	0	9 I	within gene(s) PMM0223;
217090 -	TSS_013455	1000	782	0	6 Ai	antisense to gene(s) PMM0223;
217099 +	TSS_001412	1000	1655	0	16 I	within gene(s) PMM0223;
217119 +	TSS_001416	1000	1887	0	15 I	within gene(s) PMM0223;
217164 +	TSS_001427	1000	2250	0	16 I	within gene(s) PMM0223;
217169 -	TSS_013457	1000	4802	0	1 Ai	antisense to gene(s) PMM0223;
217173 +	TSS_001429	1000	561	0	0 I	within gene(s) PMM0223;
217184 -	TSS_013459	1000	230	0	0 Ai	antisense to gene(s) PMM0223;
217185 +	TSS_001430	1000	482	0	0 I	within gene(s) PMM0223;
217194 +	TSS_001433	1000	10329	0	27 I	within gene(s) PMM0223;
217301 -	TSS_013460	1000	198	0	0 Ai	antisense to gene(s) PMM0223;
217328 -	TSS_013461	1000	1610	0	0 Ai	antisense to gene(s) PMM0223;
217407 -	TSS_013465	1000	310	0	1 Ai	antisense to gene(s) PMM0223;

217415 -	TSS_013466	1000	272	0	0 Ai	antisense to gene(s) PMM0223;
217496 -	TSS_013468	1000	103	0	1 Ai	antisense to gene(s) PMM0223;
217587 -	TSS_013469	1000	110	0	0 Ai	antisense to gene(s) PMM0223;
217670 -	TSS_013471	1000	298	0	4 Ai	antisense to gene(s) PMM0223;
217681 -	TSS_013472	1000	175	0	0 Ai	antisense to gene(s) PMM0223;
217716 -	TSS_013473	1000	120	0	5 Ai	antisense to gene(s) PMM0223;
217753 -	TSS_013476	1000	103	0	0 Ai	antisense to gene(s) PMM0223;
217826 -	TSS_013477	1000	202	0	0 Ai	antisense to gene(s) PMM0223;
217978 +	TSS_001452	1000	1703	0	2 P	24nt upstream of gene PMM0224;
218599 +	TSS_001466	1000	337	0	10 I	within gene(s) PMM0224;
218695 +	TSS_001473	1000	155	0	6 I	within gene(s) PMM0224;
220029 -	TSS_013495	1000	367	0	7 I	within gene(s) PMM0226;
220073 +	TSS_001486	1000	789	0	0 Ai	antisense to gene(s) PMM0226;
220087 +	TSS_001487	1000	338	0	0 Ai	antisense to gene(s) PMM0226;
220272 -	TSS_013525	1000	759	0	55 I	within gene(s) PMM0226;
220296 -	TSS_013530	1000	615	0	1 I	within gene(s) PMM0226;
220320 -	TSS_013532	1000	314	0	9 I	within gene(s) PMM0226;
220338 -	TSS_013537	1000	217	0	26 I	within gene(s) PMM0226;
220370 -	TSS_013543	1000	470	0	0 I	within gene(s) PMM0226;
220389 -	TSS_013544	1000	114	0	0 I	within gene(s) PMM0226;
220444 +	TSS_001491	1000	196	0	4 Ai	antisense to gene(s) PMM0226;
220458 -	TSS_013546	1000	112	0	0 I	within gene(s) PMM0226;
220473 -	TSS_013547	1000	119	0	0 I	within gene(s) PMM0226;
220509 -	TSS_013550	1000	104	0	15 I	within gene(s) PMM0226;
220578 -	TSS_013562	1000	854	0	24 I	within gene(s) PMM0226;
220608 -	TSS_013569	1000	125	0	14 I	within gene(s) PMM0226;
220686 -	TSS_013580	1000	122	0	0 I	within gene(s) PMM0226;
220786 +	TSS_001495	1000	255	0	3 Ai	antisense to gene(s) PMM0226;
220908 -	TSS_013595	1000	110	0	3 I	within gene(s) PMM0226;
220950 -	TSS_013600	1000	239	0	13 I	within gene(s) PMM0226;
221025 -	TSS_013608	1000	174	0	15 I	within gene(s) PMM0226;
221070 -	TSS_013616	1000	140	0	2 I	within gene(s) PMM0226;
221154 -	TSS_013622	1000	399	0	3 I	within gene(s) PMM0226;
221163 -	TSS_013623	1000	109	0	0 I	within gene(s) PMM0226;
221259 -	TSS_013627	1000	216	0	4 I	within gene(s) PMM0226;
221460 -	TSS_013640	1000	228	0	13 I	within gene(s) PMM0226;
221632 -	TSS_013648	1000	4835	0	1 P	16nt upstream of gene PMM0226;
221701 +	TSS_001506	1000	245	0	0 Ai	antisense to gene(s) PMM0227;
221978 +	TSS_001509	1000	227	0	0 Ai	antisense to gene(s) PMM0227;
222942 +	TSS_001514	1000	143	0	0 Ai	antisense to gene(s) PMM0228;
223242 -	TSS_013665	1000	299	0	21 I	within gene(s) PMM0228;
223269 -	TSS_013672	1000	851	0	9 I	within gene(s) PMM0228;
223311 -	TSS_013681	1000	520	0	28 I	within gene(s) PMM0228;
223335 -	TSS_013687	1000	149	0	0 I	within gene(s) PMM0228;
223386 -	TSS_013689	1000	419	0	6 I	within gene(s) PMM0228;
223434 -	TSS_013692	1000	152	0	0 I	within gene(s) PMM0228;
223554 -	TSS_013700	1000	111	0	17 I	within gene(s) PMM0228;
223578 -	TSS_013707	1000	1224	0	19 I	within gene(s) PMM0228;
223651 -	TSS_013715	1000	111	0	1 I	within gene(s) PMM0228;
223762 -	TSS_013717	1000	1382	0	0 P	55nt upstream of gene PMM0228;
223847 -	TSS_013718	1000	598	0	1 P	140nt upstream of gene PMM0228;
225530 +	TSS_001522	1000	147	0	4 P	60nt upstream of gene PMM0231;
225576 +	TSS_001523	1000	691	0	0 P	14nt upstream of gene PMM0231;
225783 +	TSS_001526	1000	171	0	0 P	26nt upstream of gene PMM0232;
227959 +	TSS_001530	1000	871	0	0 P	28nt upstream of gene PMM0235;
228961 +	TSS_001540	1000	108	0	3 O	-
229314 -	TSS_013733	1000	167	0	0 O	-
229472 +	TSS_001546	1000	155	0	4 P	167nt upstream of gene PMM0237;
230878 -	TSS_013736	1000	561	0	5 Ai	antisense to gene(s) PMM0238;
232150 +	TSS_001575	1000	162	0	1 I	within gene(s) PMM0238;
237523 -	TSS_013760	1000	1703	0	3 IP	within gene(s) PMM0244; 199nt upstream of gene PMM0243;
237737 -	TSS_013761	1000	206	0	0 I	within gene(s) PMM0244;
238520 -	TSS_013765	1000	682	0	1 P	20nt upstream of gene PMM0245;
238693 +	TSS_001588	1000	2458	0	3 P	12nt upstream of gene PMM0246;
239672 -	TSS_013767	1000	133	0	3 Ai	antisense to gene(s) PMM0247;
241176 -	TSS_013770	1000	188	0	0 IP	within gene(s) PMM0250; 35nt upstream of gene PMM0249;
242059 +	TSS_001595	1000	179	0	0 PAi	162nt upstream of gene PMM0252; antisense to gene(s) PMM0251;
242165 -	TSS_013773	1000	419	0	4 P	24nt upstream of gene PMM0251;
242185 +	TSS_001596	1000	1358	0	1 P	36nt upstream of gene PMM0252;
242475 +	TSS_001599	1000	227	0	1 P	27nt upstream of gene PMM0253;
242483 +	TSS_001600	1000	515	0	0 P	19nt upstream of gene PMM0253;
244978 +	TSS_001603	1000	173	0	4 Ai	antisense to gene(s) PMM0255;
245524 -	TSS_013782	1000	628	0	10 IP	within gene(s) PMM0256; 219nt upstream of gene PMM0255;
245888 -	TSS_013791	1000	129	0	2 I	within gene(s) PMM0256;
246248 +	TSS_001607	1000	2696	0	1 Ai	antisense to gene(s) PMM0256;
246731 -	TSS_013797	1000	1762	0	3 IP	within gene(s) PMM0257; 20nt upstream of gene PMM0256;
248216 -	TSS_013802	1000	185	0	0 IP	within gene(s) PMM0258; 190nt upstream of gene PMM0257;
249242 -	TSS_013846	1000	576	0	2 I	within gene(s) PMM0258;
249485 +	TSS_001622	1000	142	0	2 P	22nt upstream of gene PMM0259;

251358 +	TSS_001626	1000	137	0	3 Ai	antisense to gene(s) PMM0261;
252586 +	TSS_001630	1000	405015	0	3 P	46nt upstream of gene PMM0263;
252656 +	TSS_001635	1000	4233	0	7 I	within gene(s) PMM0263;
252667 +	TSS_001637	1000	774	0	0 I	within gene(s) PMM0263;
252710 +	TSS_001642	1000	1535	0	4 I	within gene(s) PMM0263;
252719 +	TSS_001643	1000	3100	0	18 I	within gene(s) PMM0263;
252761 +	TSS_001651	1000	440	0	0 I	within gene(s) PMM0263;
252794 +	TSS_001652	1000	619	0	0 I	within gene(s) PMM0263;
252809 +	TSS_001654	1000	1363	0	6 I	within gene(s) PMM0263;
252835 -	TSS_013858	1000	233	0	0 Ai	antisense to gene(s) PMM0263;
252851 +	TSS_001657	1000	192	2.10E-07	0 I	within gene(s) PMM0263;
252875 +	TSS_001661	1000	3906	0	3 I	within gene(s) PMM0263;
252893 +	TSS_001662	1000	3058	0	0 I	within gene(s) PMM0263;
252895 -	TSS_013859	1000	260	0	0 Ai	antisense to gene(s) PMM0263;
252904 -	TSS_013860	1000	192	0	0 Ai	antisense to gene(s) PMM0263;
252905 +	TSS_001664	1000	551	0	6 I	within gene(s) PMM0263;
252926 +	TSS_001667	1000	2293	0	6 I	within gene(s) PMM0263;
252936 +	TSS_001670	1000	254	0	0 I	within gene(s) PMM0263;
252950 +	TSS_001671	1000	335	0	0 I	within gene(s) PMM0263;
252986 +	TSS_001672	1000	1023	0	0 I	within gene(s) PMM0263;
253009 +	TSS_001675	1000	488	0	2 I	within gene(s) PMM0263;
253023 -	TSS_013863	1000	1132	0	4 Ai	antisense to gene(s) PMM0263;
253040 +	TSS_001677	1000	458	0	15 I	within gene(s) PMM0263;
253056 +	TSS_001681	1000	213	0	0 I	within gene(s) PMM0263;
253072 +	TSS_001682	1000	4448	0	1 I	within gene(s) PMM0263;
253088 +	TSS_001687	1000	300	0	8 I	within gene(s) PMM0263;
253106 +	TSS_001688	1000	197	0	0 I	within gene(s) PMM0263;
253114 -	TSS_013866	1000	417	0	0 Ai	antisense to gene(s) PMM0263;
253118 +	TSS_001691	1000	209	0	3 I	within gene(s) PMM0263;
253136 +	TSS_001692	1000	1226	0	1 I	within gene(s) PMM0263;
253148 +	TSS_001696	1000	1243	0	13 I	within gene(s) PMM0263;
253169 +	TSS_001701	1000	7594	0	2 I	within gene(s) PMM0263;
253220 +	TSS_001705	1000	901	0	11 I	within gene(s) PMM0263;
253244 +	TSS_001710	1000	563	0	9 I	within gene(s) PMM0263;
253257 -	TSS_013868	1000	110	0	0 Ai	antisense to gene(s) PMM0263;
253265 +	TSS_001713	1000	601	0	12 I	within gene(s) PMM0263;
253271 -	TSS_013871	1000	673	0	7 Ai	antisense to gene(s) PMM0263;
253279 -	TSS_013872	1000	957	0	0 Ai	antisense to gene(s) PMM0263;
253286 +	TSS_001715	1000	549	0	1 I	within gene(s) PMM0263;
253289 -	TSS_013873	1000	1018	0	5 Ai	antisense to gene(s) PMM0263;
253302 +	TSS_001718	1000	347	0	3 I	within gene(s) PMM0263;
253321 -	TSS_013876	1000	577	0	0 Ai	antisense to gene(s) PMM0263;
253328 +	TSS_001724	1000	3290	0	90 I	within gene(s) PMM0263;
253329 -	TSS_013877	1000	137	0	0 Ai	antisense to gene(s) PMM0263;
253357 -	TSS_013878	1000	357	0	0 Ai	antisense to gene(s) PMM0263;
253418 +	TSS_001749	1000	922	0	15 I	within gene(s) PMM0263;
253435 -	TSS_013880	1000	394	0	0 Ai	antisense to gene(s) PMM0263;
253452 -	TSS_013882	1000	300	0	1 Ai	antisense to gene(s) PMM0263;
253460 +	TSS_001754	1000	314	0	0 I	within gene(s) PMM0263;
253469 +	TSS_001755	1000	194	6.70E-08	0 I	within gene(s) PMM0263;
253481 +	TSS_001758	1000	219	0	3 I	within gene(s) PMM0263;
253491 +	TSS_001760	1000	662	0	1 I	within gene(s) PMM0263;
253498 -	TSS_013883	1000	404	0	0 Ai	antisense to gene(s) PMM0263;
253502 +	TSS_001761	1000	198	1.40E-06	0 I	within gene(s) PMM0263;
253520 -	TSS_013885	1000	139	0	0 Ai	antisense to gene(s) PMM0263;
253529 +	TSS_001767	1000	2214	0	30 I	within gene(s) PMM0263;
253548 +	TSS_001773	1000	317	0	2 I	within gene(s) PMM0263;
253562 +	TSS_001776	1000	570	0	12 I	within gene(s) PMM0263;
253580 +	TSS_001780	1000	2353	0	1 I	within gene(s) PMM0263;
253592 +	TSS_001782	1000	1016	0	1 I	within gene(s) PMM0263;
253606 -	TSS_013886	1000	2753	0	0 Ai	antisense to gene(s) PMM0263;
253616 +	TSS_001791	1000	2271	0	18 I	within gene(s) PMM0263;
253641 +	TSS_001798	1000	1958	0	18 I	within gene(s) PMM0263;
253648 -	TSS_013888	1000	122	0	0 Ai	antisense to gene(s) PMM0263;
253667 +	TSS_001802	1000	4912	0	12 I	within gene(s) PMM0263;
253688 +	TSS_001809	1000	398	0	0 I	within gene(s) PMM0263;
253698 +	TSS_001810	1000	472	0	0 I	within gene(s) PMM0263;
253739 +	TSS_001815	1000	7231	0	42 I	within gene(s) PMM0263;
253778 +	TSS_001825	1000	1132	0	3 I	within gene(s) PMM0263;
253787 +	TSS_001826	1000	1973	0	6 I	within gene(s) PMM0263;
253811 +	TSS_001830	1000	705	0	0 I	within gene(s) PMM0263;
253820 +	TSS_001831	1000	300	0	1 I	within gene(s) PMM0263;
253836 +	TSS_001834	1000	2785	0	1 I	within gene(s) PMM0263;
253848 +	TSS_001838	1000	251	0	4 I	within gene(s) PMM0263;
254043 -	TSS_013889	1000	234	0	0 Ai	antisense to gene(s) PMM0263;
254055 -	TSS_013890	1000	442	0	0 Ai	antisense to gene(s) PMM0263;
254183 +	TSS_001848	1000	363	0	5 I	within gene(s) PMM0264;
255509 +	TSS_001850	1000	218	0	1 I	within gene(s) PMM0265;
255521 +	TSS_001853	1000	355	0	15 I	within gene(s) PMM0265;



299500 -	TSS_014235	1000	135	0	0 I	within gene(s) PMM0312;
299534 +	TSS_002176	1000	133	0	0 Ai	antisense to gene(s) PMM0312;
299595 +	TSS_002178	1000	109	0	1 Ai	antisense to gene(s) PMM0312;
299713 -	TSS_014243	1000	210	0	21 I	within gene(s) PMM0312;
299749 -	TSS_014249	1000	164	0	6 I	within gene(s) PMM0312;
299824 -	TSS_014254	1000	154	0	3 I	within gene(s) PMM0312;
299836 -	TSS_014256	1000	193	0	3 I	within gene(s) PMM0312;
299850 +	TSS_002182	1000	128	0	1 Ai	antisense to gene(s) PMM0312;
299950 -	TSS_014263	1000	170	0	3 I	within gene(s) PMM0312;
300325 -	TSS_014272	1000	5818	0	10 P	75nt upstream of gene PMM0312;
300858 -	TSS_014280	1000	3547	0	12 P	21nt upstream of gene PMM0313;
301015 +	TSS_002184	1000	128	0	0 Ai	antisense to gene(s) PMM0314;
301023 +	TSS_002185	1000	334	0	0 Ai	antisense to gene(s) PMM0314;
301087 +	TSS_002187	1000	101	0	0 Ai	antisense to gene(s) PMM0315;
301149 +	TSS_002188	1000	121	0	0 Ai	antisense to gene(s) PMM0315;
301160 +	TSS_002189	1000	276	0	0 Ai	antisense to gene(s) PMM0315;
301163 -	TSS_014292	1000	356	0	12 IP	within gene(s) PMM0315; 124nt upstream of gene PMM0314;
301180 -	TSS_014297	1000	604	0	6 IP	within gene(s) PMM0315; 141nt upstream of gene PMM0314;
301201 -	TSS_014300	1000	143	0	0 IP	within gene(s) PMM0315; 162nt upstream of gene PMM0314;
301210 -	TSS_014301	1000	114	0	0 IP	within gene(s) PMM0315; 171nt upstream of gene PMM0314;
301222 -	TSS_014302	1000	363	0	6 IP	within gene(s) PMM0315; 183nt upstream of gene PMM0314;
301258 -	TSS_014308	1000	216	0	6 IP	within gene(s) PMM0315; 219nt upstream of gene PMM0314;
301351 +	TSS_002191	1000	122	0	0 Ai	antisense to gene(s) PMM0315;
301547 +	TSS_002196	1000	176	0	0 Ai	antisense to gene(s) PMM0315;
301603 -	TSS_014309	1000	155	0	0 I	within gene(s) PMM0315;
301607 +	TSS_002198	1000	129	0	0 Ai	antisense to gene(s) PMM0315;
301612 -	TSS_014311	1000	844	0	7 I	within gene(s) PMM0315;
301642 -	TSS_014318	1000	1131	0	27 I	within gene(s) PMM0315;
301654 +	TSS_002200	1000	106	0	0 Ai	antisense to gene(s) PMM0315;
301672 -	TSS_014326	1000	166	0	0 I	within gene(s) PMM0315;
301701 -	TSS_014331	1000	2179	0	30 I	within gene(s) PMM0315;
301721 +	TSS_002203	1000	413	0	1 Ai	antisense to gene(s) PMM0315;
301735 +	TSS_002204	1000	242	0	0 Ai	antisense to gene(s) PMM0315;
301735 -	TSS_014339	1000	210	0	6 I	within gene(s) PMM0315;
301769 +	TSS_002207	1000	101	0	0 Ai	antisense to gene(s) PMM0315;
301771 -	TSS_014341	1000	191	0	0 I	within gene(s) PMM0315;
301780 +	TSS_002208	1000	136	0	0 Ai	antisense to gene(s) PMM0315;
301782 -	TSS_014342	1000	539	0	7 I	within gene(s) PMM0315;
301810 -	TSS_014345	1000	235	0	0 I	within gene(s) PMM0315;
301834 -	TSS_014347	1000	1025	0	10 I	within gene(s) PMM0315;
301852 -	TSS_014351	1000	250	0	0 I	within gene(s) PMM0315;
301897 -	TSS_014355	1000	592	0	12 I	within gene(s) PMM0315;
301915 -	TSS_014359	1000	1235	0	13 I	within gene(s) PMM0315;
301916 +	TSS_002211	1000	1234	0	3 Ai	antisense to gene(s) PMM0315;
301936 -	TSS_014364	1000	535	0	0 I	within gene(s) PMM0315;
301937 +	TSS_002212	1000	934	0	0 Ai	antisense to gene(s) PMM0315;
301945 -	TSS_014365	1000	260	0	0 I	within gene(s) PMM0315;
301964 +	TSS_002214	1000	213	0	0 Ai	antisense to gene(s) PMM0315;
301981 -	TSS_014366	1000	255	0	0 I	within gene(s) PMM0315;
302004 -	TSS_014368	1000	504	0	9 I	within gene(s) PMM0315;
302023 -	TSS_014373	1000	1487	0	2 I	within gene(s) PMM0315;
302044 -	TSS_014374	1000	215	0	0 I	within gene(s) PMM0315;
302062 -	TSS_014377	1000	2764	0	3 I	within gene(s) PMM0315;
302080 -	TSS_014378	1000	496	0	0 I	within gene(s) PMM0315;
302091 -	TSS_014379	1000	216	0	0 I	within gene(s) PMM0315;
302107 -	TSS_014383	1000	2117	0	15 I	within gene(s) PMM0315;
302114 +	TSS_002216	1000	281	0	0 Ai	antisense to gene(s) PMM0315;
302122 +	TSS_002218	1000	1237	0	1 Ai	antisense to gene(s) PMM0315;
302134 -	TSS_014387	1000	439	0	11 I	within gene(s) PMM0315;
302152 -	TSS_014391	1000	238	0	0 I	within gene(s) PMM0315;
302153 +	TSS_002219	1000	128	0	0 Ai	antisense to gene(s) PMM0315;
302182 -	TSS_014397	1000	3993	0	40 I	within gene(s) PMM0315;
302221 -	TSS_014410	1000	1888	0	1 I	within gene(s) PMM0315;
302233 -	TSS_014411	1000	315	0	0 I	within gene(s) PMM0315;
302244 -	TSS_014412	1000	372	0	4 I	within gene(s) PMM0315;
302272 -	TSS_014414	1000	2063	0	0 I	within gene(s) PMM0315;
302293 -	TSS_014415	1000	564	0	0 I	within gene(s) PMM0315;
302320 +	TSS_002222	1000	103	0	0 Ai	antisense to gene(s) PMM0315;
302327 +	TSS_002223	1000	263	0	0 Ai	antisense to gene(s) PMM0315;
302329 -	TSS_014418	1000	991	0	3 I	within gene(s) PMM0315;
302338 -	TSS_014419	1000	779	0	9 I	within gene(s) PMM0315;
302364 -	TSS_014423	1000	187	0	0 I	within gene(s) PMM0315;
302368 +	TSS_002224	1000	150	0	0 Ai	antisense to gene(s) PMM0315;
302385 -	TSS_014425	1000	454	0	4 I	within gene(s) PMM0315;
302398 -	TSS_014428	1000	177	0	0 I	within gene(s) PMM0315;
302418 -	TSS_014429	1000	165	0	0 I	within gene(s) PMM0315;
302449 -	TSS_014430	1000	177	0	0 I	within gene(s) PMM0315;
302461 -	TSS_014431	1000	1714	0	0 I	within gene(s) PMM0315;
302479 -	TSS_014433	1000	238	0	1 I	within gene(s) PMM0315;

302497 -	TSS_014435	1000	12881	0	2 I	within gene(s) PMM0315;
302527 -	TSS_014438	1000	252	0	3 I	within gene(s) PMM0315;
302539 -	TSS_014440	1000	532	0	4 I	within gene(s) PMM0315;
302557 -	TSS_014442	1000	518	0	0 I	within gene(s) PMM0315;
302590 -	TSS_014444	1000	3404	0	2 P	3nt upstream of gene PMM0315;
302980 +	TSS_002230	1000	174	0	6 I	within gene(s) PMM0316;
303250 -	TSS_014450	1000	146	0	6 O	-
303256 +	TSS_002235	1000	1872	0	18 P	24nt upstream of gene PMM0317;
305403 -	TSS_014460	1000	281	0	0 I	within gene(s) PMM0320;
305442 -	TSS_014461	1000	202	0	0 I	within gene(s) PMM0320;
305463 -	TSS_014464	1000	164	0	5 I	within gene(s) PMM0320;
305727 -	TSS_014468	1000	455	0	3 IP	within gene(s) PMM0321; 174nt upstream of gene PMM0320;
306386 -	TSS_014473	1000	927	0	2 P	15nt upstream of gene PMM0321;
308744 -	TSS_014482	1000	104	0	0 I	within gene(s) PMM0324;
308747 +	TSS_002255	1000	205	0	0 Ai	antisense to gene(s) PMM0324;
308758 +	TSS_002257	1000	12029	0	3 Ai	antisense to gene(s) PMM0324;
308935 +	TSS_002262	1000	103	0	0 Ai	antisense to gene(s) PMM0324;
309008 +	TSS_002264	1000	431	0	0 Ai	antisense to gene(s) PMM0324;
309261 -	TSS_014494	1000	101	0	9 I	within gene(s) PMM0324;
309313 +	TSS_002268	1000	103	0	7 Ai	antisense to gene(s) PMM0324;
309678 -	TSS_014511	1000	140	0	0 I	within gene(s) PMM0324;
309757 -	TSS_014512	1000	280	0	0 P	22nt upstream of gene PMM0324;
309902 -	TSS_014513	1000	734	0	0 PAi	167nt upstream of gene PMM0324; antisense to gene(s) PMM0325;
309920 +	TSS_002273	1000	139	0	3 I	within gene(s) PMM0325;
309929 -	TSS_014515	1000	7467	0	1 PAi	194nt upstream of gene PMM0324; antisense to gene(s) PMM0325;
309975 -	TSS_014516	1000	160	0	4 PAi	240nt upstream of gene PMM0324; antisense to gene(s) PMM0325;
310002 +	TSS_002278	1000	152	0	15 I	within gene(s) PMM0325;
310023 +	TSS_002281	1000	684	0	0 I	within gene(s) PMM0325;
310049 +	TSS_002282	1000	127	0	4 I	within gene(s) PMM0325;
310070 +	TSS_002286	1000	122	0	6 I	within gene(s) PMM0325;
310100 +	TSS_002287	1000	266	0	0 I	within gene(s) PMM0325;
310271 +	TSS_002299	1000	527	0	6 IP	within gene(s) PMM0325; 234nt upstream of gene PMM0326;
310445 +	TSS_002308	1000	158	0	12 IP	within gene(s) PMM0325; 60nt upstream of gene PMM0326;
310480 +	TSS_002309	1000	470	0	2 P	25nt upstream of gene PMM0326;
310538 +	TSS_002311	1000	286	0	0 I	within gene(s) PMM0326;
310550 +	TSS_002312	1000	106	0	0 I	within gene(s) PMM0326;
310559 +	TSS_002314	1000	319	0	17 I	within gene(s) PMM0326;
310592 +	TSS_002325	1000	568	0	18 I	within gene(s) PMM0326;
310622 +	TSS_002328	1000	300	0	3 I	within gene(s) PMM0326;
310640 +	TSS_002330	1000	177	0	3 I	within gene(s) PMM0326;
310655 +	TSS_002332	1000	175	0	1 I	within gene(s) PMM0326;
310676 +	TSS_002338	1000	106	0	12 I	within gene(s) PMM0326;
310715 +	TSS_002340	1000	113	0	0 I	within gene(s) PMM0326;
310880 +	TSS_002347	1000	312	0	12 I	within gene(s) PMM0326;
311306 +	TSS_002354	1000	214	0	0 Ai	antisense to gene(s) PMM0327;
311725 +	TSS_002356	1000	138	0	0 Ai	antisense to gene(s) PMM0327;
312157 -	TSS_014554	1000	172	0	0 I	within gene(s) PMM0327;
312178 -	TSS_014556	1000	103	0	20 I	within gene(s) PMM0327;
312446 -	TSS_014568	1000	2192	0	3 P	16nt upstream of gene PMM0327;
312554 +	TSS_002359	1000	1555	0	0 O	-
312873 -	TSS_014570	1000	710	0	1 O	-
313132 -	TSS_014578	1000	168	0	0 O	-
313374 -	TSS_014581	1000	297	0	1 O	-
313535 -	TSS_014584	1000	407	0	6 O	-
314529 -	TSS_014597	1000	419	0	1 O	-
314912 +	TSS_002449	1000	272	0	0 O	-
314959 +	TSS_002450	1000	323	0	0 O	-
315077 +	TSS_002462	1000	10220	0	27 O	-
315908 -	TSS_014609	1000	197	0	1 O	-
316320 -	TSS_014614	1000	105	0	1 O	-
318987 +	TSS_002591	1000	102	0	0 Ai	antisense to gene(s) PMM0328;
319201 -	TSS_014641	1000	112	0	3 IP	within gene(s) PMM0329; 148nt upstream of gene PMM0328;
319230 -	TSS_014644	1000	134	0	14 IP	within gene(s) PMM0329; 177nt upstream of gene PMM0328;
319267 -	TSS_014649	1000	270	0	0 P	0nt upstream of gene PMM0329;
319282 -	TSS_014651	1000	40065	0	7 P	15nt upstream of gene PMM0329;
322362 +	TSS_002597	1000	253	0	0 P	0nt upstream of gene PMM0333;
323620 -	TSS_014665	1000	765	0	5 P	21nt upstream of gene PMM0334;
324251 -	TSS_014668	1000	19240	0	4 O	-
324470 -	TSS_014673	1000	1416	0	3 O	-
324964 +	TSS_002611	1000	1325	0	1 I	within gene(s) PMM0335;
325272 -	TSS_014690	1000	231	0	24 I	within gene(s) PMM0336;
325302 -	TSS_014697	1000	173	0	45 I	within gene(s) PMM0336;
325368 -	TSS_014711	1000	183	0	33 I	within gene(s) PMM0336;
325410 -	TSS_014717	1000	180	0	6 I	within gene(s) PMM0336;
325485 -	TSS_014725	1000	110	0	18 I	within gene(s) PMM0336;
325506 -	TSS_014730	1000	228	0	10 I	within gene(s) PMM0336;
325557 -	TSS_014734	1000	27733	0	3 P	15nt upstream of gene PMM0336;
326449 -	TSS_014742	1000	345	0	1 P	15nt upstream of gene PMM0337;
326712 +	TSS_002625	1000	1119	0	2 O	-

327570 -	TSS_014758	1000	6136	0	2 O	-
327681 +	TSS_002628	1000	329	0	1 Ai	antisense to gene(s) PMM0339;
328681 -	TSS_014764	1000	194	0	1 I	within gene(s) PMM0339;
329348 -	TSS_014767	1000	548	0	0 P	157nt upstream of gene PMM0339;
330221 -	TSS_014769	1000	258	0	0 P	15nt upstream of gene PMM0341;
330306 +	TSS_002637	1000	1096	0	1 P	35nt upstream of gene PMM0342;
330978 -	TSS_014771	1000	346	0	1 O	-
331018 -	TSS_014773	1000	368	0	0 O	-
332301 +	TSS_002642	1000	147	0	6 P	16nt upstream of gene PMM0345;
332821 +	TSS_002648	1000	2219	0	3 I	within gene(s) PMM0346;
332939 -	TSS_014781	1000	146	0	1 Ai	antisense to gene(s) PMM0346;
332983 -	TSS_014782	1000	138	0	0 Ai	antisense to gene(s) PMM0346;
333569 -	TSS_014786	1000	290	0	0 P	108nt upstream of gene PMM0347;
333947 -	TSS_014789	1000	63918	0	2 P	20nt upstream of gene PMM0348;
339021 +	TSS_002660	1000	311	0	1 P	18nt upstream of gene PMM0355;
339316 -	TSS_014798	1000	364	0	0 Ai	antisense to gene(s) PMM0355;
339338 -	TSS_014799	1000	102	0	0 Ai	antisense to gene(s) PMM0355;
340326 +	TSS_002664	1000	386	0	2 I	within gene(s) PMM0356;
345398 +	TSS_002677	1000	117	0	3 P	22nt upstream of gene PMM0363;
346829 +	TSS_002680	1000	171	0	3 O	-
347280 +	TSS_002683	1000	10178	0	3 P	16nt upstream of gene PMM0364;
348066 -	TSS_014820	1000	3096	0	2 P	21nt upstream of gene PMM0365;
348206 +	TSS_002695	1000	590	0	5 P	17nt upstream of gene PMM0366;
348397 +	TSS_002700	1000	224	0	1 I	within gene(s) PMM0366;
348935 +	TSS_002704	1000	367	0	1 P	33nt upstream of gene PMM0367;
349333 -	TSS_014827	1000	193	0	2 Ai	antisense to gene(s) PMM0367;
349634 -	TSS_014829	1000	230	0	0 I	within gene(s) PMM0368;
349709 -	TSS_014830	1000	995	0	1 P	18nt upstream of gene PMM0368;
350069 -	TSS_014833	1000	458	0	0 O	-
350388 +	TSS_002708	1000	281	0	1 O	-
350523 -	TSS_014836	1000	42611	0	4 O	-
351169 -	TSS_014841	1000	17808	0	6 O	-
352103 -	TSS_014849	1000	492	0	2 O	-
352188 +	TSS_002716	1000	2285	0	2 P	7nt upstream of gene PMM0369;
352957 +	TSS_002718	1000	719	0	0 P	18nt upstream of gene PMM0370;
353380 +	TSS_002743	1000	146	0	10 I	within gene(s) PMM0370;
353529 -	TSS_014853	1000	231	0	0 Ai	antisense to gene(s) PMM0370;
353732 -	TSS_014854	1000	369	0	1 Ai	antisense to gene(s) PMM0370;
353890 +	TSS_002773	1000	327	0	14 I	within gene(s) PMM0370;
353992 +	TSS_002784	1000	149	0	4 I	within gene(s) PMM0370;
354088 +	TSS_002792	1000	253	0	9 I	within gene(s) PMM0370;
354139 +	TSS_002799	1000	281	0	18 I	within gene(s) PMM0370;
354178 +	TSS_002804	1000	435	0	1 I	within gene(s) PMM0370;
354259 +	TSS_002811	1000	123	0	4 I	within gene(s) PMM0370;
354439 -	TSS_014861	1000	133	0	1 Ai	antisense to gene(s) PMM0370;
354451 +	TSS_002830	1000	290	0	63 IP	within gene(s) PMM0370; 240nt upstream of gene PMM0371;
355412 -	TSS_014865	1000	235	0	0 Ai	antisense to gene(s) PMM0371;
356060 -	TSS_014866	1000	162	0	0 Ai	antisense to gene(s) PMM0372;
356326 +	TSS_002838	1000	133	0	1 IP	within gene(s) PMM0372; 51nt upstream of gene PMM0373;
358183 -	TSS_014873	1000	1142	0	2 P	16nt upstream of gene PMM0377;
358512 -	TSS_014878	1000	14280	0	2 P	22nt upstream of gene PMM0378;
358753 -	TSS_014881	1000	4805	0	2 O	-
359627 -	TSS_014883	1000	606	0	0 O	-
359991 -	TSS_014887	1000	1644	0	2 P	20nt upstream of gene PMM0379;
361648 +	TSS_002848	1000	212	0	0 O	-
361663 +	TSS_002849	1000	370	0	0 O	-
362873 -	TSS_014893	1000	1115	0	2 P	140nt upstream of gene PMM0383;
366442 -	TSS_014908	1000	199	0	2 O	-
366522 -	TSS_014910	1000	550	0	0 O	-
367091 -	TSS_014913	1000	131	0	1 I	within gene(s) PMM0386;
367935 -	TSS_014915	1000	292	0	1 O	-
368274 +	TSS_002869	1000	500	0	2 O	-
368514 -	TSS_014919	1000	288	0	4 O	-
370969 +	TSS_002878	1000	2033	0	1 P	24nt upstream of gene PMM0391;
374270 +	TSS_002886	1000	574	0	0 P	97nt upstream of gene PMM0395;
374286 +	TSS_002888	1000	16296	0	2 P	81nt upstream of gene PMM0395;
374685 +	TSS_002913	1000	115	0	0 I	within gene(s) PMM0395;
374701 +	TSS_002916	1000	256	0	9 IP	within gene(s) PMM0395; 249nt upstream of gene PMM0396;
374727 +	TSS_002923	1000	214	0	22 IP	within gene(s) PMM0395; 223nt upstream of gene PMM0396;
374754 +	TSS_002928	1000	188	0	10 IP	within gene(s) PMM0395; 196nt upstream of gene PMM0396;
377675 -	TSS_014946	1000	201	0	1 I	within gene(s) PMM0398;
379061 -	TSS_014950	1000	133	0	2 P	24nt upstream of gene PMM0400;
380710 -	TSS_014955	1000	132	0	0 Ai	antisense to gene(s) PMM0402;
381726 +	TSS_002957	1000	2507	0	2 P	14nt upstream of gene PMM0403;
383390 +	TSS_002967	1000	156	0	3 O	-
383585 +	TSS_002969	1000	7185	0	4 P	85nt upstream of gene PMM0405;
383856 +	TSS_002991	1000	118	0	4 I	within gene(s) PMM0405;
383907 +	TSS_002996	1000	130	0	0 I	within gene(s) PMM0405;
383961 +	TSS_003003	1000	151	0	24 I	within gene(s) PMM0405;

384035 -	TSS_014959	1000	524	0	1 Ai	antisense to gene(s) PMM0405;
384144 +	TSS_003021	1000	167	0	22 I	within gene(s) PMM0405;
384162 +	TSS_003026	1000	229	0	3 I	within gene(s) PMM0405;
384195 +	TSS_003031	1000	278	0	11 I	within gene(s) PMM0405;
384519 +	TSS_003048	1000	485	0	15 I	within gene(s) PMM0405;
384720 +	TSS_003070	1000	576	0	15 I	within gene(s) PMM0405;
385716 +	TSS_003083	1000	476	0	0 I	within gene(s) PMM0406;
386282 +	TSS_003086	1000	336	0	0 Ai	antisense to gene(s) PMM0407;
386350 -	TSS_014967	1000	113	0	15 I	within gene(s) PMM0407;
386383 -	TSS_014973	1000	403	0	18 I	within gene(s) PMM0407;
386391 +	TSS_003089	1000	101	0	0 Ai	antisense to gene(s) PMM0407;
386402 +	TSS_003090	1000	233	0	0 Ai	antisense to gene(s) PMM0407;
386404 -	TSS_014977	1000	321	0	0 I	within gene(s) PMM0407;
386413 -	TSS_014978	1000	129	0	0 I	within gene(s) PMM0407;
386467 -	TSS_014989	1000	1475	0	39 I	within gene(s) PMM0407;
386503 -	TSS_014998	1000	744	0	24 I	within gene(s) PMM0407;
386514 +	TSS_003093	1000	499	0	4 Ai	antisense to gene(s) PMM0407;
386530 -	TSS_015001	1000	297	0	3 I	within gene(s) PMM0407;
386539 -	TSS_015002	1000	288	0	0 I	within gene(s) PMM0407;
386551 -	TSS_015003	1000	547	0	0 I	within gene(s) PMM0407;
386598 -	TSS_015004	1000	213	0	1 I	within gene(s) PMM0407;
386603 +	TSS_003094	1000	2388	0	1 Ai	antisense to gene(s) PMM0407;
386611 -	TSS_015008	1000	722	0	48 I	within gene(s) PMM0407;
386615 +	TSS_003096	1000	185	0	0 Ai	antisense to gene(s) PMM0407;
386674 -	TSS_015022	1000	501	0	12 I	within gene(s) PMM0407;
386701 -	TSS_015027	1000	1492	0	36 I	within gene(s) PMM0407;
386764 -	TSS_015044	1000	776	0	33 I	within gene(s) PMM0407;
386777 +	TSS_003099	1000	280	0	7 Ai	antisense to gene(s) PMM0407;
386789 +	TSS_003100	1000	124	0	0 Ai	antisense to gene(s) PMM0407;
386815 -	TSS_015056	1000	1476	0	33 I	within gene(s) PMM0407;
386824 -	TSS_015057	1000	339	0	12 I	within gene(s) PMM0407;
386845 -	TSS_015060	1000	210	0	0 I	within gene(s) PMM0407;
386860 -	TSS_015061	1000	155	2.40E-07	0 I	within gene(s) PMM0407;
386861 +	TSS_003101	1000	385	0	13 Ai	antisense to gene(s) PMM0407;
386881 -	TSS_015066	1000	964	0	12 I	within gene(s) PMM0407;
386908 -	TSS_015072	1000	306	0	12 I	within gene(s) PMM0407;
386920 -	TSS_015075	1000	340	0	11 I	within gene(s) PMM0407;
386950 -	TSS_015083	1000	363	0	30 I	within gene(s) PMM0407;
386989 -	TSS_015093	1000	618	0	22 I	within gene(s) PMM0407;
387013 -	TSS_015096	1000	180	0	0 I	within gene(s) PMM0407;
387022 -	TSS_015097	1000	274	0	0 I	within gene(s) PMM0407;
387042 -	TSS_015101	1000	990	0	18 I	within gene(s) PMM0407;
387073 -	TSS_015107	1000	275	0	9 I	within gene(s) PMM0407;
387097 -	TSS_015110	1000	355	0	0 I	within gene(s) PMM0407;
387112 -	TSS_015112	1000	615	0	3 I	within gene(s) PMM0407;
387133 -	TSS_015113	1000	438	0	6 I	within gene(s) PMM0407;
387181 -	TSS_015115	1000	211	0	3 P	24nt upstream of gene PMM0407;
390342 -	TSS_015125	1000	126	0	4 I	within gene(s) PMM0410;
390555 -	TSS_015132	1000	461	0	1 I	within gene(s) PMM0410;
390616 -	TSS_015133	1000	535	0	1 P	55nt upstream of gene PMM0410;
390631 +	TSS_003117	1000	169	0	3 P	26nt upstream of gene PMM0411;
392813 +	TSS_003122	1000	428	0	2 P	15nt upstream of gene PMM0414;
395057 +	TSS_003125	1000	115	0	0 Ai	antisense to gene(s) PMM0416;
395539 -	TSS_015144	1000	1564	0	2 P	16nt upstream of gene PMM0416;
398147 +	TSS_003134	1000	878	0	2 P	32nt upstream of gene PMM0420;
398719 +	TSS_003137	1000	240	0	0 I	within gene(s) PMM0420;
401612 -	TSS_015174	1000	529	0	0 P	18nt upstream of gene PMM0422;
401747 +	TSS_003152	1000	5391	0	3 O	-
401864 -	TSS_015178	1000	234	0	1 O	-
402007 -	TSS_015179	1000	163	0	0 O	-
405550 +	TSS_003160	1000	150	0	1 I	within gene(s) PMM0426;
409230 -	TSS_015202	1000	254	0	3 P	20nt upstream of gene PMM0429;
409244 +	TSS_003170	1000	110	0	0 P	26nt upstream of gene PMM0430;
409562 -	TSS_015204	1000	231	0	0 Ai	antisense to gene(s) PMM0430;
412935 +	TSS_003178	1000	192	0	6 Ai	antisense to gene(s) PMM0435;
413484 +	TSS_003181	1000	407	0	3 Ai	antisense to gene(s) PMM0435;
414354 +	TSS_003187	1000	111	0	0 P	130nt upstream of gene PMM0436;
414359 -	TSS_015235	1000	855	0	0 P	44nt upstream of gene PMM0435;
414382 +	TSS_003188	1000	677	0	2 P	102nt upstream of gene PMM0436;
417856 +	TSS_003241	1000	164	0	0 I	within gene(s) PMM0438;
419521 -	TSS_015250	1000	296	0	1 Ai	antisense to gene(s) PMM0440;
422795 -	TSS_015261	1000	777	0	6 P	16nt upstream of gene PMM0443;
423632 -	TSS_015273	1000	184	0	12 IP	within gene(s) PMM0445; 153nt upstream of gene PMM0444;
423797 -	TSS_015279	1000	130	0	6 I	within gene(s) PMM0445;
423830 -	TSS_015282	1000	249	0	0 I	within gene(s) PMM0445;
423865 +	TSS_003255	1000	202	0	0 Ai	antisense to gene(s) PMM0445;
423944 -	TSS_015286	1000	256	0	3 I	within gene(s) PMM0445;
424676 +	TSS_003263	1000	182	0	0 Ai	antisense to gene(s) PMM0445;
424706 -	TSS_015303	1000	344	0	3 I	within gene(s) PMM0445;

424756 -	TSS_015306	1000	161	0	0 I	within gene(s) PMM0445;
424769 -	TSS_015308	1000	133	0	1 I	within gene(s) PMM0445;
424790 -	TSS_015311	1000	333	0	16 I	within gene(s) PMM0445;
424880 -	TSS_015322	1000	795	0	6 I	within gene(s) PMM0445;
425395 -	TSS_015338	1000	378	0	0 I	within gene(s) PMM0446;
425512 -	TSS_015340	1000	108	0	2 I	within gene(s) PMM0446;
426162 +	TSS_003268	1000	769	0	1 P	8nt upstream of gene PMM0447;
427201 +	TSS_003284	1000	168	0	18 I	within gene(s) PMM0448;
427279 +	TSS_003287	1000	181	0	2 I	within gene(s) PMM0448;
427561 +	TSS_003295	1000	170	0	3 I	within gene(s) PMM0448;
427588 +	TSS_003296	1000	218	0	4 I	within gene(s) PMM0448;
427696 +	TSS_003302	1000	175	0	0 I	within gene(s) PMM0448;
427762 +	TSS_003304	1000	102	0	0 I	within gene(s) PMM0448;
429348 +	TSS_003311	1000	127	0	1 I	within gene(s) PMM0450;
429366 +	TSS_003313	1000	131	0	3 I	within gene(s) PMM0450;
429988 -	TSS_015366	1000	115	0	1 Ai	antisense to gene(s) PMM0450;
430126 +	TSS_003318	1000	227	0	0 I	within gene(s) PMM0451;
430701 +	TSS_003331	1000	159	0	0 Ai	antisense to gene(s) PMM0452;
431111 +	TSS_003335	1000	108	0	0 Ai	antisense to gene(s) PMM0452;
431182 -	TSS_015382	1000	263	0	12 I	within gene(s) PMM0452;
431251 -	TSS_015393	1000	189	0	1 I	within gene(s) PMM0452;
431412 +	TSS_003342	1000	189	0	1 Ai	antisense to gene(s) PMM0452;
431485 -	TSS_015420	1000	202	0	48 I	within gene(s) PMM0452;
431803 -	TSS_015441	1000	153	0	3 I	within gene(s) PMM0452;
431848 -	TSS_015444	1000	147	0	21 I	within gene(s) PMM0452;
431908 -	TSS_015458	1000	102	0	13 I	within gene(s) PMM0452;
431932 -	TSS_015461	1000	133	0	0 I	within gene(s) PMM0452;
431969 +	TSS_003346	1000	246	0	1 Ai	antisense to gene(s) PMM0452;
431983 -	TSS_015465	1000	122	0	12 I	within gene(s) PMM0452;
432058 -	TSS_015478	1000	285	0	9 I	within gene(s) PMM0452;
432085 -	TSS_015482	1000	103	0	0 I	within gene(s) PMM0452;
432121 -	TSS_015487	1000	101	0	24 I	within gene(s) PMM0452;
432175 -	TSS_015496	1000	122	0	1 I	within gene(s) PMM0452;
432210 -	TSS_015499	1000	218	0	2 I	within gene(s) PMM0452;
432317 -	TSS_015501	1000	4064	0	3 P	16nt upstream of gene PMM0452;
432436 +	TSS_003350	1000	157	0	0 O	-
433380 -	TSS_015515	1000	128	0	0 P	16nt upstream of gene PMM0453;
433437 +	TSS_003353	1000	463	0	1 P	21nt upstream of gene PMM0454;
433825 -	TSS_015516	1000	154	0	0 Ai	antisense to gene(s) PMM0454;
433897 +	TSS_003357	1000	245	0	2 I	within gene(s) PMM0454;
434016 -	TSS_015517	1000	142	0	0 Ai	antisense to gene(s) PMM0454;
435917 -	TSS_015522	1000	289	0	0 P	19nt upstream of gene PMM0456;
437733 +	TSS_003368	1000	117	0	0 Ai	antisense to gene(s) PMM0458;
440026 -	TSS_015530	1000	101	0	0 IP	within gene(s) PMM0461; 221nt upstream of gene PMM0460;
440050 -	TSS_015531	1000	247	0	15 IP	within gene(s) PMM0461; 245nt upstream of gene PMM0460;
440074 -	TSS_015536	1000	149	0	12 I	within gene(s) PMM0461;
440245 -	TSS_015543	1000	193	0	18 I	within gene(s) PMM0461;
440290 -	TSS_015549	1000	152	0	12 I	within gene(s) PMM0461;
440581 -	TSS_015578	1000	142	0	0 I	within gene(s) PMM0461;
440695 -	TSS_015590	1000	130	0	1 I	within gene(s) PMM0461;
440885 -	TSS_015602	1000	193	0	9 IP	within gene(s) PMM0462; 115nt upstream of gene PMM0461;
441035 +	TSS_003385	1000	163	0	6 Ai	antisense to gene(s) PMM0462;
441185 -	TSS_015628	1000	176	0	2 I	within gene(s) PMM0462;
441340 -	TSS_015633	1000	1201	0	3 P	29nt upstream of gene PMM0462;
442840 -	TSS_015647	1000	1913	0	6 P	17nt upstream of gene PMM0465;
444471 +	TSS_003391	1000	119	0	0 PAi	157nt upstream of gene PMM0467; antisense to gene(s) PMM0466;
445213 +	TSS_003396	1000	417	0	1 Ai	antisense to gene(s) PMM0468;
445437 +	TSS_003398	1000	1014	0	1 Ai	antisense to gene(s) PMM0469;
445454 -	TSS_015663	1000	152	0	48 IP	within gene(s) PMM0469; 120nt upstream of gene PMM0468;
445514 -	TSS_015674	1000	153	0	3 IP	within gene(s) PMM0469; 180nt upstream of gene PMM0468;
445523 -	TSS_015675	1000	150	0	0 IP	within gene(s) PMM0469; 189nt upstream of gene PMM0468;
445547 -	TSS_015676	1000	1874	0	12 IP	within gene(s) PMM0469; 213nt upstream of gene PMM0468;
445571 -	TSS_015680	1000	951	0	15 IP	within gene(s) PMM0469; 237nt upstream of gene PMM0468;
445575 +	TSS_003400	1000	519	0	0 Ai	antisense to gene(s) PMM0469;
445601 -	TSS_015688	1000	1052	0	12 I	within gene(s) PMM0469;
445625 -	TSS_015694	1000	349	0	27 I	within gene(s) PMM0469;
445658 -	TSS_015701	1000	425	0	3 I	within gene(s) PMM0469;
445694 -	TSS_015710	1000	687	0	39 I	within gene(s) PMM0469;
445754 -	TSS_015718	1000	128	0	6 I	within gene(s) PMM0469;
445796 -	TSS_015722	1000	354	0	1 I	within gene(s) PMM0469;
445823 -	TSS_015724	1000	168	0	0 I	within gene(s) PMM0469;
445832 -	TSS_015726	1000	107	0	1 I	within gene(s) PMM0469;
445961 -	TSS_015730	1000	35375	0	4 P	42nt upstream of gene PMM0469;
445980 +	TSS_003402	1000	233	0	1 P	14nt upstream of gene PMM0470;
446547 +	TSS_003409	1000	130	0	0 I	within gene(s) PMM0470;
446903 +	TSS_003415	1000	323	0	0 IP	within gene(s) PMM0470; 167nt upstream of gene PMM0471;
447381 +	TSS_003419	1000	1090	0	4 P	29nt upstream of gene PMM0472;
450442 +	TSS_003425	1000	163	0	2 Ai	antisense to gene(s) PMM0474;
450594 -	TSS_015752	1000	159	0	0 P	113nt upstream of gene PMM0474;



493996 -	TSS_016037	1000	106	0	3 I	within gene(s) PMM0522;
494163 -	TSS_016039	1000	768	0	0 I	within gene(s) PMM0522;
494177 -	TSS_016040	1000	697	0	0 P	13nt upstream of gene PMM0522;
494529 +	TSS_003777	1000	140	0	0 Ai	antisense to gene(s) PMM0523;
495001 -	TSS_016044	1000	845	0	8 P	12nt upstream of gene PMM0523;
496211 +	TSS_003781	1000	1148	0	2 P	44nt upstream of gene PMM0525;
497254 +	TSS_003787	1000	213	0	6 I	within gene(s) PMM0525;
497550 +	TSS_003791	1000	2737	0	2 P	15nt upstream of gene PMM0526;
498172 +	TSS_003811	1000	101	0	4 I	within gene(s) PMM0526;
498247 +	TSS_003820	1000	117	0	12 I	within gene(s) PMM0526;
498643 +	TSS_003834	1000	183	0	0 I	within gene(s) PMM0526;
498840 +	TSS_003848	1000	239	0	4 I	within gene(s) PMM0526;
498873 +	TSS_003853	1000	190	0	4 I	within gene(s) PMM0526;
498964 -	TSS_016059	1000	239	0	2 Ai	antisense to gene(s) PMM0526;
499020 +	TSS_003860	1000	266	0	3 I	within gene(s) PMM0526;
499041 +	TSS_003864	1000	147	0	15 I	within gene(s) PMM0526;
499074 +	TSS_003873	1000	251	0	30 I	within gene(s) PMM0526;
502199 -	TSS_016078	1000	103	0	0 I	within gene(s) PMM0530;
502675 +	TSS_003891	1000	266	0	0 P	47nt upstream of gene PMM0531;
502682 -	TSS_016095	1000	1170	0	11 P	24nt upstream of gene PMM0530;
503597 +	TSS_003898	1000	1133	0	1 P	34nt upstream of gene PMM0532;
503618 +	TSS_003904	1000	143	0	10 P	13nt upstream of gene PMM0532;
503904 +	TSS_003912	1000	150	0	12 I	within gene(s) PMM0532;
504000 +	TSS_003918	1000	276	0	0 I	within gene(s) PMM0532;
504156 +	TSS_003933	1000	127	0	6 I	within gene(s) PMM0532;
504428 +	TSS_003938	1000	244	0	5 P	29nt upstream of gene PMM0533;
505257 -	TSS_016103	1000	124	0	0 Ai	antisense to gene(s) PMM0533;
505261 +	TSS_003942	1000	495	0	7 IP	within gene(s) PMM0533; 240nt upstream of gene PMM0534;
505757 +	TSS_003947	1000	174	0	0 I	within gene(s) PMM0534;
506152 +	TSS_003950	1000	131	0	0 I	within gene(s) PMM0534;
507310 +	TSS_003955	1000	458	0	0 P	62nt upstream of gene PMM0536;
507537 +	TSS_003963	1000	199	0	45 I	within gene(s) PMM0536;
507738 +	TSS_003980	1000	180	0	6 I	within gene(s) PMM0536;
507970 -	TSS_016106	1000	106	0	1 Ai	antisense to gene(s) PMM0536;
508770 -	TSS_016108	1000	132	0	0 I	within gene(s) PMM0537;
510847 +	TSS_003987	1000	554	0	2 P	19nt upstream of gene PMM0540;
512559 +	TSS_003996	1000	180	0	0 Ai	antisense to gene(s) PMM0543;
512746 -	TSS_016115	1000	197	0	13 I	within gene(s) PMM0543;
512853 +	TSS_003999	1000	3420	0	3 Ai	antisense to gene(s) PMM0543;
512911 -	TSS_016128	1000	284	0	3 I	within gene(s) PMM0543;
512922 -	TSS_016131	1000	101	0	1 I	within gene(s) PMM0543;
512932 -	TSS_016133	1000	162	0	3 I	within gene(s) PMM0543;
512959 -	TSS_016136	1000	1058	0	9 I	within gene(s) PMM0543;
513022 -	TSS_016140	1000	546	0	5 I	within gene(s) PMM0543;
513034 -	TSS_016143	1000	148	0	0 I	within gene(s) PMM0543;
513036 +	TSS_004003	1000	195	0	1 Ai	antisense to gene(s) PMM0543;
513063 +	TSS_004005	1000	176	0	0 Ai	antisense to gene(s) PMM0543;
513094 -	TSS_016147	1000	119	0	9 I	within gene(s) PMM0543;
513118 -	TSS_016152	1000	195	0	6 I	within gene(s) PMM0543;
513169 -	TSS_016159	1000	197	0	30 I	within gene(s) PMM0543;
513340 -	TSS_016180	1000	148	0	0 I	within gene(s) PMM0543;
513385 -	TSS_016182	1000	9602	0	5 P	24nt upstream of gene PMM0543;
513547 +	TSS_004010	1000	303	0	0 Ad	antisense to gene(s) PMM0544 (7nt downstream);
513696 -	TSS_016189	1000	125	0	9 I	within gene(s) PMM0544;
513757 +	TSS_004016	1000	142	0	1 Ai	antisense to gene(s) PMM0544;
513854 -	TSS_016197	1000	120	0	7 I	within gene(s) PMM0544;
513927 -	TSS_016202	1000	213	0	4 I	within gene(s) PMM0544;
514062 -	TSS_016216	1000	112	0	9 I	within gene(s) PMM0544;
514308 -	TSS_016240	1000	145	0	9 I	within gene(s) PMM0544;
514356 -	TSS_016250	1000	795	0	15 I	within gene(s) PMM0544;
514455 -	TSS_016255	1000	153	0	5 I	within gene(s) PMM0544;
514479 -	TSS_016258	1000	131	0	9 I	within gene(s) PMM0544;
514548 -	TSS_016269	1000	132	0	22 I	within gene(s) PMM0544;
514620 -	TSS_016277	1000	108	0	6 I	within gene(s) PMM0544;
514665 -	TSS_016284	1000	267	0	12 I	within gene(s) PMM0544;
514869 -	TSS_016298	1000	160	0	9 I	within gene(s) PMM0544;
514896 -	TSS_016302	1000	335	0	24 I	within gene(s) PMM0544;
514960 +	TSS_004027	1000	205	0	0 Ai	antisense to gene(s) PMM0544;
515006 +	TSS_004029	1000	360	0	4 Ai	antisense to gene(s) PMM0544;
515091 -	TSS_016319	1000	541	0	15 I	within gene(s) PMM0544;
515115 -	TSS_016324	1000	286	0	1 I	within gene(s) PMM0544;
515154 -	TSS_016327	1000	468	0	9 IP	within gene(s) PMM0545; 21nt upstream of gene PMM0544;
515174 -	TSS_016331	1000	218	0	13 IP	within gene(s) PMM0545; 41nt upstream of gene PMM0544;
515202 -	TSS_016338	1000	218	0	15 IP	within gene(s) PMM0545; 69nt upstream of gene PMM0544;
515274 -	TSS_016344	1000	104	0	3 IP	within gene(s) PMM0545; 141nt upstream of gene PMM0544;
515289 -	TSS_016346	1000	109	0	0 IP	within gene(s) PMM0545; 156nt upstream of gene PMM0544;
515316 -	TSS_016347	1000	220	0	0 IP	within gene(s) PMM0545; 183nt upstream of gene PMM0544;
515331 -	TSS_016349	1000	123	0	9 IP	within gene(s) PMM0545; 198nt upstream of gene PMM0544;
515349 -	TSS_016352	1000	630	0	37 IP	within gene(s) PMM0545; 216nt upstream of gene PMM0544;

515412 -	TSS_016371	1000	224	0	9 I	within gene(s) PMM0545;
515454 -	TSS_016377	1000	218	0	15 I	within gene(s) PMM0545;
515461 +	TSS_004038	1000	136	0	0 Ai	antisense to gene(s) PMM0545;
515529 -	TSS_016382	1000	105	0	0 I	within gene(s) PMM0545;
515643 -	TSS_016385	1000	112	0	15 I	within gene(s) PMM0545;
515694 -	TSS_016394	1000	206	0	6 I	within gene(s) PMM0545;
515718 -	TSS_016398	1000	235	0	3 I	within gene(s) PMM0545;
515763 -	TSS_016406	1000	296	0	21 I	within gene(s) PMM0545;
515778 -	TSS_016410	1000	216	0	3 I	within gene(s) PMM0545;
515800 +	TSS_004042	1000	457	0	1 Ai	antisense to gene(s) PMM0545;
515817 -	TSS_016415	1000	244	0	21 I	within gene(s) PMM0545;
515884 +	TSS_004045	1000	179	0	0 Ai	antisense to gene(s) PMM0545;
515916 +	TSS_004046	1000	270	0	4 Ai	antisense to gene(s) PMM0545;
515930 +	TSS_004049	1000	368	0	0 Ai	antisense to gene(s) PMM0545;
515964 -	TSS_016428	1000	169	0	0 I	within gene(s) PMM0545;
515970 +	TSS_004050	1000	268	0	0 Ai	antisense to gene(s) PMM0545;
515985 -	TSS_016431	1000	146	0	9 I	within gene(s) PMM0545;
516012 -	TSS_016439	1000	198	0	27 I	within gene(s) PMM0545;
516030 -	TSS_016442	1000	103	0	3 I	within gene(s) PMM0545;
516048 -	TSS_016445	1000	452	0	13 I	within gene(s) PMM0545;
516078 -	TSS_016451	1000	156	0	10 I	within gene(s) PMM0545;
516105 -	TSS_016456	1000	406	0	9 I	within gene(s) PMM0545;
516144 -	TSS_016460	1000	233	0	15 I	within gene(s) PMM0545;
516192 -	TSS_016468	1000	1112	0	6 I	within gene(s) PMM0545;
516228 -	TSS_016472	1000	203	0	4 I	within gene(s) PMM0545;
516267 -	TSS_016474	1000	256	0	0 I	within gene(s) PMM0545;
516294 -	TSS_016475	1000	167	0	0 I	within gene(s) PMM0545;
516308 -	TSS_016478	1000	189	0	9 I	within gene(s) PMM0545;
516345 -	TSS_016482	1000	236	0	3 I	within gene(s) PMM0545;
516813 -	TSS_016487	1000	135	0	2 I	within gene(s) PMM0546;
516902 -	TSS_016495	1000	117	0	9 I	within gene(s) PMM0546;
518401 -	TSS_016499	1000	148	0	1 P	18nt upstream of gene PMM0548;
518485 -	TSS_016501	1000	462	0	0 P	102nt upstream of gene PMM0548;
518726 +	TSS_004064	1000	204	0	0 I	within gene(s) PMM0549;
518824 +	TSS_004071	1000	115	0	0 I	within gene(s) PMM0549;
518878 +	TSS_004074	1000	236	0	9 IP	within gene(s) PMM0549; 209nt upstream of gene PMM0550;
518917 +	TSS_004083	1000	347	0	10 IP	within gene(s) PMM0549; 170nt upstream of gene PMM0550;
518971 +	TSS_004097	1000	784	0	43 IP	within gene(s) PMM0549; 116nt upstream of gene PMM0550;
519004 +	TSS_004103	1000	283	0	1 IP	within gene(s) PMM0549; 83nt upstream of gene PMM0550;
519082 -	TSS_016506	1000	525	0	1 O	-
519114 +	TSS_004106	1000	126	0	8 I	within gene(s) PMM0550;
519198 +	TSS_004113	1000	164	0	15 I	within gene(s) PMM0550;
519216 +	TSS_004117	1000	943	0	19 I	within gene(s) PMM0550;
519246 +	TSS_004125	1000	301	0	0 I	within gene(s) PMM0550;
519258 +	TSS_004126	1000	211	0	0 I	within gene(s) PMM0550;
519354 +	TSS_004129	1000	262	0	1 I	within gene(s) PMM0550;
519381 +	TSS_004131	1000	236	0	0 I	within gene(s) PMM0550;
519402 +	TSS_004134	1000	176	0	2 I	within gene(s) PMM0550;
519459 +	TSS_004139	1000	210	0	4 I	within gene(s) PMM0550;
519513 +	TSS_004149	1000	795	0	15 I	within gene(s) PMM0550;
519545 -	TSS_016512	1000	130	0	0 Ai	antisense to gene(s) PMM0550;
519562 +	TSS_004154	1000	190	0	12 I	within gene(s) PMM0550;
519579 +	TSS_004157	1000	514	0	3 I	within gene(s) PMM0550;
519588 +	TSS_004158	1000	636	0	0 I	within gene(s) PMM0550;
519602 -	TSS_016514	1000	131	0	0 Ai	antisense to gene(s) PMM0550;
519603 +	TSS_004159	1000	403	0	5 I	within gene(s) PMM0550;
519669 +	TSS_004167	1000	570	0	23 I	within gene(s) PMM0550;
519693 -	TSS_016515	1000	145	0	0 Ai	antisense to gene(s) PMM0550;
519837 +	TSS_004174	1000	122	0	21 I	within gene(s) PMM0550;
519874 +	TSS_004180	1000	137	0	0 I	within gene(s) PMM0550;
519993 +	TSS_004189	1000	2383	0	19 I	within gene(s) PMM0550;
520013 -	TSS_016518	1000	143	0	1 Ai	antisense to gene(s) PMM0550;
520043 -	TSS_016520	1000	196	0	0 Ai	antisense to gene(s) PMM0550;
520056 -	TSS_016521	1000	392	0	0 Ai	antisense to gene(s) PMM0550;
520155 +	TSS_004196	1000	281	0	9 I	within gene(s) PMM0550;
520175 -	TSS_016522	1000	466	0	0 Ai	antisense to gene(s) PMM0550;
520182 +	TSS_004197	1000	247	0	0 I	within gene(s) PMM0550;
520216 +	TSS_004200	1000	167	0	4 I	within gene(s) PMM0550;
520224 +	TSS_004201	1000	1236	0	1 I	within gene(s) PMM0550;
520239 +	TSS_004203	1000	261	0	6 I	within gene(s) PMM0550;
520278 +	TSS_004207	1000	226	0	7 I	within gene(s) PMM0550;
520352 -	TSS_016523	1000	185	0	12 Ai	antisense to gene(s) PMM0550;
520384 -	TSS_016528	1000	468	0	0 Ai	antisense to gene(s) PMM0550;
520485 +	TSS_004219	1000	194	0	0 IP	within gene(s) PMM0550; 107nt upstream of gene PMM0551;
520703 +	TSS_004232	1000	117	0	3 I	within gene(s) PMM0551;
521513 +	TSS_004239	1000	216	0	6 I	within gene(s) PMM0552;
521558 +	TSS_004245	1000	119	0	12 I	within gene(s) PMM0552;
521579 +	TSS_004249	1000	184	0	0 I	within gene(s) PMM0552;
521588 +	TSS_004250	1000	101	0	0 I	within gene(s) PMM0552;

521628 +	TSS_004253	1000	109	0	0 I	within gene(s) PMM0552;
521779 -	TSS_016542	1000	262	0	0 Ai	antisense to gene(s) PMM0552;
521930 +	TSS_004274	1000	105	0	0 I	within gene(s) PMM0552;
521945 -	TSS_016544	1000	103	0	0 Ai	antisense to gene(s) PMM0552;
521962 -	TSS_016547	1000	444	0	4 Ai	antisense to gene(s) PMM0552;
521966 +	TSS_004277	1000	137	0	6 I	within gene(s) PMM0552;
521993 +	TSS_004282	1000	277	0	9 I	within gene(s) PMM0552;
522030 +	TSS_004286	1000	137	0	1 I	within gene(s) PMM0552;
522065 +	TSS_004290	1000	111	0	15 I	within gene(s) PMM0552;
522119 +	TSS_004299	1000	273	0	6 I	within gene(s) PMM0552;
522140 +	TSS_004302	1000	229	0	16 I	within gene(s) PMM0552;
522292 -	TSS_016555	1000	314	0	0 Ai	antisense to gene(s) PMM0552;
522328 -	TSS_016556	1000	172	0	1 Ai	antisense to gene(s) PMM0552;
522365 +	TSS_004320	1000	138	0	9 I	within gene(s) PMM0552;
522474 -	TSS_016558	1000	128	0	0 Ai	antisense to gene(s) PMM0552;
522506 +	TSS_004335	1000	179	0	18 I	within gene(s) PMM0552;
522611 +	TSS_004340	1000	115	0	1 I	within gene(s) PMM0552;
522626 +	TSS_004343	1000	187	0	3 I	within gene(s) PMM0552;
522659 +	TSS_004345	1000	159	0	6 I	within gene(s) PMM0552;
522690 +	TSS_004349	1000	166	0	1 I	within gene(s) PMM0552;
523106 -	TSS_016565	1000	488	0	11 Ai	antisense to gene(s) PMM0552;
523135 -	TSS_016568	1000	321	0	0 Ai	antisense to gene(s) PMM0552;
523142 -	TSS_016569	1000	149	0	2 Ai	antisense to gene(s) PMM0552;
523163 -	TSS_016571	1000	485	0	0 Ai	antisense to gene(s) PMM0552;
523173 -	TSS_016573	1000	750	0	4 Ai	antisense to gene(s) PMM0552;
524269 -	TSS_016582	1000	121	0	0 Ai	antisense to gene(s) PMM0553;
524632 -	TSS_016585	1000	3311	0	2 Ai	antisense to gene(s) PMM0553;
524671 +	TSS_004398	1000	165	0	0 IP	within gene(s) PMM0553; 191nt upstream of gene PMM0554;
524738 +	TSS_004401	1000	201	0	0 IP	within gene(s) PMM0553; 124nt upstream of gene PMM0554;
524791 +	TSS_004403	1000	1207	0	1 IP	within gene(s) PMM0553; 71nt upstream of gene PMM0554;
525973 -	TSS_016593	1000	4448	0	4 P	18nt upstream of gene PMM0557;
526448 -	TSS_016600	1000	1231	0	4 P	15nt upstream of gene PMM0558;
527220 +	TSS_004421	1000	1521	0	0 P	22nt upstream of gene PMM0560;
527254 +	TSS_004422	1000	538	0	6 I	within gene(s) PMM0560;
529035 +	TSS_004436	1000	185	0	4 I	within gene(s) PMM0561;
529358 +	TSS_004440	1000	217	0	9 I	within gene(s) PMM0561;
531559 -	TSS_016614	1000	118	0	0 P	40nt upstream of gene PMM0564;
531701 +	TSS_004455	1000	301	0	4 P	15nt upstream of gene PMM0565;
532356 -	TSS_016617	1000	307	0	1 Ai	antisense to gene(s) PMM0565;
532769 +	TSS_004463	1000	114	0	3 I	within gene(s) PMM0565;
534371 +	TSS_004467	1000	229	0	7 P	6nt upstream of gene PMM0567;
538166 +	TSS_004476	1000	743	0	2 P	179nt upstream of gene PMM0570;
539865 +	TSS_004481	1000	333	0	0 Ad	antisense to gene(s) PMM0573 (15nt downstream);
539992 +	TSS_004483	1000	931	0	0 Ai	antisense to gene(s) PMM0573;
540074 +	TSS_004487	1000	127	0	8 Ai	antisense to gene(s) PMM0573;
540155 -	TSS_016636	1000	305	0	1 P	1nt upstream of gene PMM0573;
540186 -	TSS_016640	1000	221	0	9 P	32nt upstream of gene PMM0573;
540220 -	TSS_016647	1000	183	0	12 P	66nt upstream of gene PMM0573;
540317 -	TSS_016649	1000	211	0	0 P	163nt upstream of gene PMM0573;
541550 +	TSS_004494	1000	213	0	0 Ai	antisense to gene(s) PMM0577;
541837 -	TSS_016665	1000	313	0	6 I	within gene(s) PMM0577;
542147 -	TSS_016682	1000	2965	0	6 I	within gene(s) PMM0577;
542296 -	TSS_016691	1000	174	0	1 I	within gene(s) PMM0577;
542434 -	TSS_016694	1000	106	0	1 P	0nt upstream of gene PMM0577;
543050 +	TSS_004501	1000	112	0	0 Ai	antisense to gene(s) PMM0578;
543260 +	TSS_004503	1000	297	0	2 P	50nt upstream of gene PMM0579;
543284 -	TSS_016706	1000	630	0	4 P	38nt upstream of gene PMM0578;
546045 -	TSS_016715	1000	1774	0	1 I	within gene(s) PMM0580;
546519 +	TSS_004514	1000	129	0	0 Ai	antisense to gene(s) PMM0581;
546530 +	TSS_004516	1000	1329	0	2 Ai	antisense to gene(s) PMM0581;
546549 +	TSS_004518	1000	129	0	0 Ai	antisense to gene(s) PMM0581;
546713 -	TSS_016728	1000	169	0	39 I	within gene(s) PMM0581;
546779 -	TSS_016741	1000	497	0	12 I	within gene(s) PMM0581;
546808 -	TSS_016750	1000	203	0	18 I	within gene(s) PMM0581;
546819 -	TSS_016752	1000	374	0	5 I	within gene(s) PMM0581;
548375 -	TSS_016777	1000	101	0	0 I	within gene(s) PMM0583;
548771 -	TSS_016788	1000	131	0	3 I	within gene(s) PMM0583;
548961 -	TSS_016799	1000	2954	0	2 P	43nt upstream of gene PMM0583;
550115 +	TSS_004533	1000	163	0	0 Ai	antisense to gene(s) PMM0584;
551319 -	TSS_016819	1000	362	0	2 P	13nt upstream of gene PMM0584;
561219 -	TSS_016844	1000	223	0	6 I	within gene(s) PMM0593;
562701 +	TSS_004552	1000	288	0	0 Ai	antisense to gene(s) PMM0594;
562722 +	TSS_004554	1000	104	0	6 Ai	antisense to gene(s) PMM0594;
563071 -	TSS_016879	1000	104	0	1 I	within gene(s) PMM0594;
563080 -	TSS_016880	1000	137	0	0 I	within gene(s) PMM0594;
563864 -	TSS_016891	1000	134	0	2 I	within gene(s) PMM0594;
564355 +	TSS_004563	1000	144	0	1 Ai	antisense to gene(s) PMM0595;
564712 -	TSS_016901	1000	117	0	9 I	within gene(s) PMM0595;
564862 -	TSS_016905	1000	117	0	0 I	within gene(s) PMM0595;







714137 -	TSS_017743	1000	104	0	0 Ai	antisense to gene(s) PMM0753;
714364 -	TSS_017747	1000	175	0	1 Ai	antisense to gene(s) PMM0754;
714683 +	TSS_005473	1000	130	0	0 IP	within gene(s) PMM0754; 206nt upstream of gene PMM0755;
714804 -	TSS_017750	1000	124	0	0 Ai	antisense to gene(s) PMM0754;
720208 +	TSS_005489	1000	133	0	0 Ai	antisense to gene(s) PMM0758;
720550 -	TSS_017776	1000	199	0	21 I	within gene(s) PMM0758;
720569 +	TSS_005492	1000	118	0	0 Ai	antisense to gene(s) PMM0758;
720579 -	TSS_017781	1000	150	0	0 I	within gene(s) PMM0758;
720641 -	TSS_017783	1000	627	0	10 I	within gene(s) PMM0758;
720675 -	TSS_017788	1000	171	0	0 I	within gene(s) PMM0758;
720702 -	TSS_017792	1000	144	0	4 I	within gene(s) PMM0758;
723610 -	TSS_017826	1000	104	0	0 I	within gene(s) PMM0760;
723718 -	TSS_017834	1000	308	0	18 I	within gene(s) PMM0760;
723763 -	TSS_017849	1000	1768	0	51 I	within gene(s) PMM0760;
723796 -	TSS_017856	1000	112	0	12 I	within gene(s) PMM0760;
723823 -	TSS_017860	1000	152	0	39 I	within gene(s) PMM0760;
723871 -	TSS_017869	1000	395	0	2 I	within gene(s) PMM0760;
723880 -	TSS_017871	1000	206	0	3 I	within gene(s) PMM0760;
723898 -	TSS_017873	1000	120	0	9 I	within gene(s) PMM0760;
723931 -	TSS_017878	1000	123	0	0 I	within gene(s) PMM0760;
723949 -	TSS_017881	1000	164	0	3 I	within gene(s) PMM0760;
723979 -	TSS_017884	1000	107	0	0 I	within gene(s) PMM0760;
723994 -	TSS_017886	1000	317	0	6 I	within gene(s) PMM0760;
724072 -	TSS_017894	1000	126	0	4 I	within gene(s) PMM0760;
724249 -	TSS_017907	1000	134	0	9 I	within gene(s) PMM0760;
724284 -	TSS_017912	1000	186	0	8 I	within gene(s) PMM0760;
724366 -	TSS_017922	1000	140	0	6 I	within gene(s) PMM0760;
724438 -	TSS_017929	1000	274	0	18 I	within gene(s) PMM0760;
724578 -	TSS_017934	1000	4421	0	2 P	20nt upstream of gene PMM0760;
725488 +	TSS_005512	1000	167	0	0 P	25nt upstream of gene PMM0762;
725918 +	TSS_005516	1000	105	0	0 I	within gene(s) PMM0762;
726575 +	TSS_005537	1000	139	0	6 I	within gene(s) PMM0762;
728301 -	TSS_017946	1000	241	0	0 Ai	antisense to gene(s) PMM0764;
729871 -	TSS_017964	1000	198	0	5 I	within gene(s) PMM0766;
729981 -	TSS_017976	1000	186	0	8 I	within gene(s) PMM0766;
730261 -	TSS_017980	1000	806	0	4 P	15nt upstream of gene PMM0766;
730331 +	TSS_005584	1000	584	0	0 P	103nt upstream of gene PMM0767;
730435 +	TSS_005585	1000	1049	0	0 I	within gene(s) PMM0767;
730710 +	TSS_005595	1000	121	0	12 I	within gene(s) PMM0767;
730737 +	TSS_005601	1000	459	0	4 I	within gene(s) PMM0767;
730749 +	TSS_005603	1000	126	0	0 I	within gene(s) PMM0767;
731037 +	TSS_005621	1000	226	0	9 I	within gene(s) PMM0767;
731067 +	TSS_005629	1000	362	0	15 I	within gene(s) PMM0767;
731240 -	TSS_017991	1000	184	0	0 Ai	antisense to gene(s) PMM0767;
732872 +	TSS_005638	1000	1624	0	6 P	21nt upstream of gene PMM0769;
733079 +	TSS_005643	1000	108	0	1 I	within gene(s) PMM0769;
733157 +	TSS_005647	1000	149	0	0 I	within gene(s) PMM0769;
733214 -	TSS_017999	1000	125	0	0 Ai	antisense to gene(s) PMM0769;
733226 -	TSS_018000	1000	346	0	0 Ai	antisense to gene(s) PMM0769;
733478 +	TSS_005661	1000	150	0	9 I	within gene(s) PMM0769;
733779 +	TSS_005676	1000	126	0	10 I	within gene(s) PMM0769;
733808 +	TSS_005678	1000	144	0	0 I	within gene(s) PMM0769;
733838 +	TSS_005688	1000	346	0	19 I	within gene(s) PMM0769;
733922 +	TSS_005698	1000	123	0	6 I	within gene(s) PMM0769;
733937 +	TSS_005699	1000	113	0	0 I	within gene(s) PMM0769;
734059 -	TSS_018005	1000	1114	0	1 Ai	antisense to gene(s) PMM0769;
734072 -	TSS_018007	1000	350	0	7 Ai	antisense to gene(s) PMM0769;
734116 -	TSS_018013	1000	419	0	6 Ai	antisense to gene(s) PMM0769;
734269 +	TSS_005709	1000	3600	0	4 P	18nt upstream of gene PMM0770;
737785 -	TSS_018026	1000	139	0	0 I	within gene(s) PMM0774;
737882 -	TSS_018030	1000	141	0	0 I	within gene(s) PMM0774;
738561 +	TSS_005734	1000	324	0	0 Ai	antisense to gene(s) PMM0774;
738616 -	TSS_018037	1000	190	0	0 I	within gene(s) PMM0774;
738854 -	TSS_018041	1000	125	0	6 I	within gene(s) PMM0774;
738964 -	TSS_018045	1000	178	0	0 I	within gene(s) PMM0774;
739095 -	TSS_018047	1000	1506	0	2 P	13nt upstream of gene PMM0774;
739318 -	TSS_018051	1000	144	0	28 IP	within gene(s) PMM0775; 236nt upstream of gene PMM0774;
739410 -	TSS_018057	1000	1619	0	10 P	14nt upstream of gene PMM0775;
740068 +	TSS_005740	1000	514	0	2 P	38nt upstream of gene PMM0777;
741992 +	TSS_005763	1000	836	0	0 P	15nt upstream of gene PMM0779;
743202 -	TSS_018073	1000	124	0	3 I	within gene(s) PMM0781;
743244 -	TSS_018078	1000	128	0	9 I	within gene(s) PMM0781;
743280 -	TSS_018086	1000	232	0	12 I	within gene(s) PMM0781;
743304 -	TSS_018090	1000	311	0	6 I	within gene(s) PMM0781;
743337 -	TSS_018092	1000	115	0	3 I	within gene(s) PMM0781;
743394 -	TSS_018096	1000	520	0	9 I	within gene(s) PMM0781;
743405 -	TSS_018098	1000	154	0	0 I	within gene(s) PMM0781;
743421 -	TSS_018100	1000	936	0	18 I	within gene(s) PMM0781;
743442 -	TSS_018105	1000	137	0	0 I	within gene(s) PMM0781;

743454 -	TSS_018107	1000	399	0	3 I	within gene(s) PMM0781;
743484 -	TSS_018111	1000	260	0	14 I	within gene(s) PMM0781;
743520 -	TSS_018115	1000	186	0	9 I	within gene(s) PMM0781;
743544 -	TSS_018118	1000	116	0	0 I	within gene(s) PMM0781;
743565 -	TSS_018119	1000	258	0	6 I	within gene(s) PMM0781;
743601 -	TSS_018121	1000	141	0	6 I	within gene(s) PMM0781;
743622 -	TSS_018124	1000	490	0	1 I	within gene(s) PMM0781;
743631 -	TSS_018125	1000	327	0	3 I	within gene(s) PMM0781;
743664 -	TSS_018132	1000	529	0	15 I	within gene(s) PMM0781;
743682 -	TSS_018133	1000	234	0	3 I	within gene(s) PMM0781;
743694 -	TSS_018135	1000	277	0	0 I	within gene(s) PMM0781;
743706 -	TSS_018136	1000	113	3.90E-06	0 I	within gene(s) PMM0781;
743715 -	TSS_018138	1000	209	0	10 I	within gene(s) PMM0781;
743745 -	TSS_018142	1000	930	0	1 I	within gene(s) PMM0781;
743763 -	TSS_018143	1000	175	0	9 I	within gene(s) PMM0781;
743790 -	TSS_018147	1000	384	0	3 I	within gene(s) PMM0781;
743799 -	TSS_018148	1000	2366	0	33 I	within gene(s) PMM0781;
743847 -	TSS_018161	1000	200	0	6 I	within gene(s) PMM0781;
743859 -	TSS_018165	1000	407	0	27 I	within gene(s) PMM0781;
743904 -	TSS_018172	1000	107	0	0 I	within gene(s) PMM0781;
743916 -	TSS_018174	1000	482	0	4 I	within gene(s) PMM0781;
743937 -	TSS_018176	1000	281	0	0 I	within gene(s) PMM0781;
743949 -	TSS_018180	1000	152	0	6 I	within gene(s) PMM0781;
744091 -	TSS_018186	1000	10061	0	3 P	43nt upstream of gene PMM0781;
745876 +	TSS_005780	1000	222	0	2 Ai	antisense to gene(s) PMM0784;
746288 -	TSS_018207	1000	242	0	2 I	within gene(s) PMM0784;
746583 -	TSS_018218	1000	1201	0	5 P	17nt upstream of gene PMM0784;
747217 -	TSS_018230	1000	233	0	5 I	within gene(s) PMM0785;
747247 -	TSS_018238	1000	107	0	6 I	within gene(s) PMM0785;
747387 -	TSS_018250	1000	335	0	9 I	within gene(s) PMM0785;
747484 -	TSS_018255	1000	162	0	4 I	within gene(s) PMM0785;
749173 -	TSS_018266	1000	399	0	4 I	within gene(s) PMM0787;
752029 -	TSS_018281	1000	206	0	8 P	25nt upstream of gene PMM0790;
752047 +	TSS_005807	1000	1287	0	12 Ai	antisense to gene(s) PMM0791;
755386 -	TSS_018286	1000	457	0	3 IP	within gene(s) PMM0795; 114nt upstream of gene PMM0794;
757822 -	TSS_018294	1000	112	0	0 P	66nt upstream of gene PMM0796;
760249 -	TSS_018301	1000	150	0	11 P	17nt upstream of gene PMM0800;
760930 -	TSS_018307	1000	128	0	5 P	14nt upstream of gene PMM0801;
762992 +	TSS_005820	1000	1228	0	0 P	16nt upstream of gene PMM0804;
763062 +	TSS_005822	1000	462	0	17 I	within gene(s) PMM0804;
763152 +	TSS_005834	1000	120	0	0 I	within gene(s) PMM0804;
763194 +	TSS_005841	1000	149	0	27 I	within gene(s) PMM0804;
763266 +	TSS_005848	1000	203	0	7 I	within gene(s) PMM0804;
764067 +	TSS_005860	1000	372	0	0 Ai	antisense to gene(s) PMM0806;
764468 -	TSS_018319	1000	159	0	3 P	26nt upstream of gene PMM0806;
768634 -	TSS_018326	1000	1152	0	4 P	16nt upstream of gene PMM0810;
769201 -	TSS_018331	1000	161	0	0 O	-
771730 -	TSS_018339	1000	207	0	1 P	22nt upstream of gene PMM0814;
772207 -	TSS_018340	1000	545	0	0 O	-
773190 -	TSS_018345	1000	185	0	1 I	within gene(s) PMM0815;
773322 -	TSS_018353	1000	168	0	23 IP	within gene(s) PMM0816; 129nt upstream of gene PMM0815;
773791 -	TSS_018372	1000	139	0	0 IP	within gene(s) PMM0818; 98nt upstream of gene PMM0817;
773820 -	TSS_018373	1000	662	0	0 P	20nt upstream of gene PMM0818;
774773 -	TSS_018379	1000	6267	0	3 P	18nt upstream of gene PMM0819;
775070 -	TSS_018384	1000	163	0	1 P	49nt upstream of gene PMM0820;
775810 -	TSS_018385	1000	202	0	0 O	-
776471 -	TSS_018388	1000	234	0	4 O	-
777149 -	TSS_018394	1000	450	0	0 I	within gene(s) PMM0821;
778499 -	TSS_018398	1000	109	0	0 IP	within gene(s) PMM0824; 166nt upstream of gene PMM0823;
778555 -	TSS_018404	1000	106	0	6 IP	within gene(s) PMM0824; 222nt upstream of gene PMM0823;
778980 -	TSS_018407	1000	141	0	2 P	19nt upstream of gene PMM0824;
780730 -	TSS_018415	1000	111	0	0 Ai	antisense to gene(s) PMM0825;
781041 +	TSS_005911	1000	110	0	15 I	within gene(s) PMM0825;
784601 +	TSS_005930	1000	213	0	0 P	14nt upstream of gene PMM0829;
784835 +	TSS_005931	1000	116	0	0 I	within gene(s) PMM0829;
786463 -	TSS_018434	1000	128	0	4 I	within gene(s) PMM0831;
786571 -	TSS_018445	1000	243	0	3 I	within gene(s) PMM0831;
786988 -	TSS_018480	1000	165	0	7 I	within gene(s) PMM0831;
787168 -	TSS_018491	1000	235	0	12 I	within gene(s) PMM0831;
787885 -	TSS_018528	1000	359	0	18 I	within gene(s) PMM0831;
787909 -	TSS_018536	1000	702	0	16 I	within gene(s) PMM0831;
787995 +	TSS_005953	1000	205	0	0 Ai	antisense to gene(s) PMM0831;
788167 -	TSS_018557	1000	183	0	6 I	within gene(s) PMM0831;
788179 -	TSS_018558	1000	111	0	3 I	within gene(s) PMM0831;
788562 -	TSS_018585	1000	200	0	10 I	within gene(s) PMM0831;
788662 -	TSS_018593	1000	130	0	3 I	within gene(s) PMM0831;
788713 -	TSS_018599	1000	172	0	1 I	within gene(s) PMM0831;
788890 -	TSS_018602	1000	178	0	1 I	within gene(s) PMM0831;
788971 -	TSS_018609	1000	120	0	9 I	within gene(s) PMM0831;





927379 +	TSS_006708	1000	151	0	2 I	within gene(s) PMM0970;
927405 +	TSS_006712	1000	190	0	1 I	within gene(s) PMM0970;
927417 +	TSS_006714	1000	108	0	0 I	within gene(s) PMM0970;
927442 +	TSS_006719	1000	586	0	18 I	within gene(s) PMM0970;
927568 -	TSS_019368	1000	924	0	0 Ai	antisense to gene(s) PMM0970;
927597 -	TSS_019369	1000	134	0	0 Ai	antisense to gene(s) PMM0970;
927626 -	TSS_019371	1000	181	0	0 Ai	antisense to gene(s) PMM0970;
927755 -	TSS_019374	1000	102	0	0 Ai	antisense to gene(s) PMM0970;
929465 -	TSS_019380	1000	132	0	1 Ai	antisense to gene(s) PMM0972;
930117 +	TSS_006741	1000	131	0	0 IP	within gene(s) PMM0972; 135nt upstream of gene PMM0973;
930151 +	TSS_006742	1000	233	0	1 IP	within gene(s) PMM0972; 101nt upstream of gene PMM0973;
930208 -	TSS_019384	1000	623	0	2 Ai	antisense to gene(s) PMM0972;
932988 +	TSS_006751	1000	104	0	2 P	2nt upstream of gene PMM0975;
933017 +	TSS_006752	1000	351	0	0 I	within gene(s) PMM0975;
936929 +	TSS_006756	1000	475	0	1 O	-
937963 +	TSS_006759	1000	1239	0	1 P	15nt upstream of gene PMM0982;
939028 -	TSS_019397	1000	181	0	0 P	17nt upstream of gene PMM0983;
939290 -	TSS_019398	1000	187	0	0 O	-
941587 +	TSS_006765	1000	388	0	6 P	17nt upstream of gene PMM0987;
942377 -	TSS_019402	1000	287	0	0 P	126nt upstream of gene PMM0988;
945784 +	TSS_006773	1000	913	0	3 P	20nt upstream of gene PMM0992;
946441 +	TSS_006775	1000	317	0	0 Ai	antisense to gene(s) PMM0993;
946927 -	TSS_019408	1000	831	0	4 P	16nt upstream of gene PMM0993;
949329 -	TSS_019422	1000	10118	0	2 O	-
950002 +	TSS_006783	1000	318	0	0 P	15nt upstream of gene PMM0999;
950681 +	TSS_006784	1000	127	0	0 P	15nt upstream of gene PMM1001;
956897 -	TSS_019435	1000	2117	0	3 P	17nt upstream of gene PMM1005;
957665 +	TSS_006793	1000	137	0	0 Ai	antisense to gene(s) PMM1007;
957700 +	TSS_006796	1000	226	0	4 Ai	antisense to gene(s) PMM1007;
957713 +	TSS_006799	1000	148	0	3 Ai	antisense to gene(s) PMM1007;
957732 -	TSS_019441	1000	238	0	150 I	within gene(s) PMM1007;
957751 +	TSS_006803	1000	226	0	4 Ai	antisense to gene(s) PMM1007;
957764 +	TSS_006806	1000	148	0	3 Ai	antisense to gene(s) PMM1007;
957802 +	TSS_006810	1000	226	0	4 Ai	antisense to gene(s) PMM1007;
957815 +	TSS_006813	1000	148	0	0 Ai	antisense to gene(s) PMM1007;
957885 -	TSS_019487	1000	240	0	0 I	within gene(s) PMM1007;
957904 +	TSS_006816	1000	226	0	4 Ai	antisense to gene(s) PMM1007;
957917 +	TSS_006819	1000	148	0	3 Ai	antisense to gene(s) PMM1007;
957955 +	TSS_006823	1000	226	0	4 Ai	antisense to gene(s) PMM1007;
957968 +	TSS_006826	1000	148	0	3 Ai	antisense to gene(s) PMM1007;
957987 -	TSS_019503	1000	238	0	135 I	within gene(s) PMM1007;
958006 +	TSS_006830	1000	226	0	16 Ai	antisense to gene(s) PMM1007;
958089 -	TSS_019533	1000	240	0	12 I	within gene(s) PMM1007;
958314 -	TSS_019543	1000	172	0	0 P	15nt upstream of gene PMM1007;
960692 -	TSS_019548	1000	159	0	2 P	16nt upstream of gene PMM1011;
961818 +	TSS_006844	1000	358	0	3 P	14nt upstream of gene PMM1013;
965105 +	TSS_006852	1000	312	0	0 O	-
971676 -	TSS_019563	1000	220	0	0 P	4nt upstream of gene PMM1026;
972175 -	TSS_019564	1000	1054	0	2 O	-
972740 +	TSS_006873	1000	413	0	0 P	166nt upstream of gene PMM1028;
973076 -	TSS_019568	1000	257	0	0 Ai	antisense to gene(s) PMM1028;
973232 +	TSS_006877	1000	1174	0	0 O	-
974212 +	TSS_006881	1000	429	0	2 P	36nt upstream of gene PMM1030;
974221 +	TSS_006882	1000	1393	0	1 P	27nt upstream of gene PMM1030;
975550 +	TSS_006890	1000	139	0	0 P	17nt upstream of gene PMM1032;
977043 +	TSS_006918	1000	1054	0	4 P	32nt upstream of gene PMM1033;
977685 -	TSS_019581	1000	102	0	0 Ai	antisense to gene(s) PMM1033;
978424 +	TSS_006960	1000	127	0	0 I	within gene(s) PMM1033 PMM1034;
979706 -	TSS_019594	1000	118	0	1 O	-
981600 +	TSS_006968	1000	109	0	0 I	within gene(s) PMM1038;
984870 +	TSS_006981	1000	285	0	4 I	within gene(s) PMM1041;
985398 +	TSS_006982	1000	421	0	0 IP	within gene(s) PMM1041; 91nt upstream of gene PMM1042;
985474 +	TSS_006987	1000	4489	0	7 P	15nt upstream of gene PMM1042;
985522 +	TSS_006988	1000	560	0	0 I	within gene(s) PMM1042;
985651 +	TSS_006989	1000	246	0	0 I	within gene(s) PMM1042;
995402 +	TSS_007000	1000	104	0	0 Ad	antisense to gene(s) PMM1053 (3nt downstream);
996144 -	TSS_019620	1000	314	0	0 IP	within gene(s) PMM1054; 183nt upstream of gene PMM1053;
996203 -	TSS_019622	1000	101	0	0 IP	within gene(s) PMM1054; 242nt upstream of gene PMM1053;
997065 -	TSS_019632	1000	145	0	1 I	within gene(s) PMM1055;
998966 +	TSS_007010	1000	1564	0	2 P	23nt upstream of gene PMM1058;
1000663 -	TSS_019650	1000	843	0	2 P	16nt upstream of gene PMM1061;
1000796 -	TSS_019653	1000	13371	0	3 P	149nt upstream of gene PMM1061;
1000995 -	TSS_019655	1000	262	0	1 I	within gene(s) PMM1062;
1001106 +	TSS_007017	1000	609	0	0 Ai	antisense to gene(s) PMM1062;
1002186 +	TSS_007023	1000	971	0	8 P	13nt upstream of gene PMM1063;
1004709 +	TSS_007051	1000	101	0	9 IP	within gene(s) PMM1063; 118nt upstream of gene PMM1064;
1008963 +	TSS_007084	1000	529	0	0 I	within gene(s) PMM1066;
1009566 +	TSS_007103	1000	143	0	0 P	29nt upstream of gene PMM1067;
1009601 +	TSS_007105	1000	128	0	3 I	within gene(s) PMM1067;

1011515 +	TSS_007111	1000	130	0	0 P	31nt upstream of gene PMM1069; within gene(s) PMM1069; 179nt upstream of gene PMM1070;
1012301 +	TSS_007119	1000	305	0	0 IP	within gene(s) PMM1071;
1013805 -	TSS_019690	1000	176	0	0 Ai	antisense to gene(s) PMM1071;
1013842 -	TSS_019691	1000	123	0	0 Ai	antisense to gene(s) PMM1071;
1018128 -	TSS_019714	1000	1079	0	0 P	18nt upstream of gene PMM1074;
1018304 +	TSS_007142	1000	403	0	1 Ai	antisense to gene(s) PMM1075;
1018315 +	TSS_007146	1000	182	0	8 Ai	antisense to gene(s) PMM1075;
1018329 +	TSS_007149	1000	113	0	0 Ai	antisense to gene(s) PMM1075;
1018424 -	TSS_019721	1000	390	0	4 I	within gene(s) PMM1075;
1018453 +	TSS_007152	1000	148	0	1 Ai	antisense to gene(s) PMM1075;
1018466 -	TSS_019726	1000	137	0	6 I	within gene(s) PMM1075;
1018469 +	TSS_007153	1000	335	0	0 Ai	antisense to gene(s) PMM1075;
1018476 +	TSS_007154	1000	183	0	0 Ai	antisense to gene(s) PMM1075;
1018484 -	TSS_019728	1000	101	0	3 I	within gene(s) PMM1075;
1018496 -	TSS_019730	1000	101	0	3 I	within gene(s) PMM1075;
1018534 +	TSS_007155	1000	119	0	0 Ai	antisense to gene(s) PMM1075;
1018598 +	TSS_007158	1000	717	0	3 Ai	antisense to gene(s) PMM1075;
1018619 -	TSS_019744	1000	138	0	12 I	within gene(s) PMM1075;
1018629 +	TSS_007160	1000	134	0	4 Ai	antisense to gene(s) PMM1075;
1018655 -	TSS_019748	1000	1853	0	1 I	within gene(s) PMM1075;
1018673 -	TSS_019751	1000	563	0	12 I	within gene(s) PMM1075;
1018700 -	TSS_019754	1000	113	0	6 I	within gene(s) PMM1075;
1018735 -	TSS_019761	1000	443	0	23 I	within gene(s) PMM1075;
1018757 -	TSS_019766	1000	1526	0	15 I	within gene(s) PMM1075;
1018758 +	TSS_007163	1000	166	0	1 Ai	antisense to gene(s) PMM1075;
1018769 -	TSS_019768	1000	235	0	0 I	within gene(s) PMM1075;
1018796 -	TSS_019773	1000	315	0	30 I	within gene(s) PMM1075;
1018832 -	TSS_019781	1000	178	0	6 I	within gene(s) PMM1075;
1018856 -	TSS_019785	1000	512	0	12 I	within gene(s) PMM1075;
1018865 -	TSS_019786	1000	119	0	0 I	within gene(s) PMM1075;
1018895 -	TSS_019790	1000	109	0	15 I	within gene(s) PMM1075;
1018949 -	TSS_019803	1000	273	0	67 I	within gene(s) PMM1075;
1018979 -	TSS_019809	1000	204	0	6 I	within gene(s) PMM1075;
1019132 -	TSS_019821	1000	104	0	0 I	within gene(s) PMM1075;
1019153 -	TSS_019823	1000	511	0	12 I	within gene(s) PMM1075;
1019195 -	TSS_019830	1000	338	0	18 I	within gene(s) PMM1075;
1019219 -	TSS_019832	1000	772	0	0 I	within gene(s) PMM1075;
1019366 -	TSS_019833	1000	1178	0	0 P	30nt upstream of gene PMM1075;
1020266 +	TSS_007170	1000	296	0	0 Ai	antisense to gene(s) PMM1077;
1020379 -	TSS_019839	1000	3267	0	2 I	within gene(s) PMM1077;
1020982 -	TSS_019844	1000	183	0	1 I	within gene(s) PMM1077;
1021282 -	TSS_019845	1000	340	0	0 I	within gene(s) PMM1077;
1022015 +	TSS_007175	1000	204	0	4 P	18nt upstream of gene PMM1079;
1022762 -	TSS_019850	1000	260	0	0 I	within gene(s) PMM1080;
1022836 +	TSS_007180	1000	109	0	0 Ai	antisense to gene(s) PMM1080;
1022879 +	TSS_007181	1000	166	0	0 Ai	antisense to gene(s) PMM1080;
1022993 -	TSS_019866	1000	166	0	27 I	within gene(s) PMM1080;
1023018 -	TSS_019870	1000	207	0	5 I	within gene(s) PMM1080;
1023140 +	TSS_007186	1000	219	0	6 Ai	antisense to gene(s) PMM1080;
1023402 -	TSS_019885	1000	151	0	0 I	within gene(s) PMM1080;
1023493 -	TSS_019889	1000	2030	0	1 P	19nt upstream of gene PMM1080;
1024480 +	TSS_007197	1000	289	0	10 I	within gene(s) PMM1081;
1024757 -	TSS_019891	1000	170	0	0 Ai	antisense to gene(s) PMM1081;
1029223 -	TSS_019902	1000	177	0	0 Ai	antisense to gene(s) PMM1085;
1029801 -	TSS_019903	1000	272	0	0 Ai	antisense to gene(s) PMM1085;
1032141 +	TSS_007211	1000	505	0	0 Ai	antisense to gene(s) PMM1088;
1032155 +	TSS_007212	1000	1041	0	1 Ai	antisense to gene(s) PMM1088;
1032254 -	TSS_019934	1000	231	0	15 IP	within gene(s) PMM1088; 245nt upstream of gene PMM1087;
1032281 -	TSS_019940	1000	160	0	10 I	within gene(s) PMM1088;
1032308 -	TSS_019946	1000	239	0	27 I	within gene(s) PMM1088;
1032374 -	TSS_019958	1000	136	0	24 I	within gene(s) PMM1088;
1032392 -	TSS_019962	1000	140	0	5 I	within gene(s) PMM1088;
1032423 +	TSS_007216	1000	347	0	0 Ai	antisense to gene(s) PMM1088;
1032451 +	TSS_007217	1000	132	0	0 Ai	antisense to gene(s) PMM1088;
1032479 +	TSS_007219	1000	149	0	4 Ai	antisense to gene(s) PMM1088;
1032608 +	TSS_007223	1000	148	0	0 Ai	antisense to gene(s) PMM1088;
1032676 -	TSS_019982	1000	110	0	5 I	within gene(s) PMM1088;
1032686 -	TSS_019984	1000	191	0	4 I	within gene(s) PMM1088;
1032714 +	TSS_007226	1000	239	0	0 Ai	antisense to gene(s) PMM1088;
1032743 -	TSS_020001	1000	176	0	46 I	within gene(s) PMM1088;
1032755 -	TSS_020003	1000	148	0	9 I	within gene(s) PMM1088;
1032779 -	TSS_020009	1000	209	0	9 I	within gene(s) PMM1088;
1032803 -	TSS_020015	1000	216	0	18 I	within gene(s) PMM1088;
1032827 -	TSS_020019	1000	524	0	3 I	within gene(s) PMM1088;
1032845 -	TSS_020021	1000	393	0	0 I	within gene(s) PMM1088;
1032863 -	TSS_020023	1000	250	0	18 I	within gene(s) PMM1088;
1032902 -	TSS_020031	1000	140	0	12 I	within gene(s) PMM1088;
1032953 -	TSS_020038	1000	236	0	3 I	within gene(s) PMM1088;
1033079 -	TSS_020049	1000	138	0	6 I	within gene(s) PMM1088;

1033127 -	TSS_020057	1000	123	0	33 I	within gene(s) PMM1088;
1033178 -	TSS_020068	1000	162	0	30 I	within gene(s) PMM1088;
1033268 +	TSS_007234	1000	115	0	0 Ai	antisense to gene(s) PMM1088;
1033286 -	TSS_020077	1000	155	0	0 I	within gene(s) PMM1088;
1033346 -	TSS_020085	1000	359	0	24 I	within gene(s) PMM1088;
1033361 -	TSS_020088	1000	149	0	6 I	within gene(s) PMM1088;
1033430 -	TSS_020107	1000	537	0	78 I	within gene(s) PMM1088;
1033472 -	TSS_020114	1000	349	0	12 I	within gene(s) PMM1088;
1033493 -	TSS_020118	1000	446	0	0 I	within gene(s) PMM1088;
1033547 -	TSS_020123	1000	210	0	12 I	within gene(s) PMM1088;
1033637 -	TSS_020131	1000	125	0	12 I	within gene(s) PMM1088;
1033667 -	TSS_020136	1000	252	0	6 I	within gene(s) PMM1088;
1033688 -	TSS_020139	1000	166	0	9 I	within gene(s) PMM1088;
1033787 +	TSS_007237	1000	119	0	0 Ai	antisense to gene(s) PMM1088;
1033787 -	TSS_020149	1000	171	0	15 I	within gene(s) PMM1088;
1033806 +	TSS_007238	1000	128	0	0 Ai	antisense to gene(s) PMM1088;
1033847 -	TSS_020167	1000	272	0	54 I	within gene(s) PMM1088;
1033868 -	TSS_020171	1000	450	0	7 I	within gene(s) PMM1088;
1033904 -	TSS_020178	1000	198	0	21 I	within gene(s) PMM1088;
1033940 -	TSS_020186	1000	719	0	21 I	within gene(s) PMM1088;
1033961 -	TSS_020189	1000	175	0	0 I	within gene(s) PMM1088;
1034009 -	TSS_020191	1000	201	0	6 I	within gene(s) PMM1088;
1034030 -	TSS_020194	1000	117	0	9 I	within gene(s) PMM1088;
1034052 +	TSS_007240	1000	110	0	0 Ai	antisense to gene(s) PMM1088;
1034057 -	TSS_020197	1000	105	0	3 I	within gene(s) PMM1088;
1034120 -	TSS_020203	1000	211	0	19 I	within gene(s) PMM1088;
1034144 -	TSS_020208	1000	157	0	12 I	within gene(s) PMM1088;
1034168 -	TSS_020212	1000	115	0	12 I	within gene(s) PMM1088;
1034221 +	TSS_007248	1000	227	0	13 Ai	antisense to gene(s) PMM1088;
1034242 +	TSS_007250	1000	201	0	0 Ai	antisense to gene(s) PMM1088;
1034242 -	TSS_020219	1000	592	0	1 I	within gene(s) PMM1088;
1034266 +	TSS_007252	1000	105	0	0 Ai	antisense to gene(s) PMM1088;
1034282 -	TSS_020225	1000	134	0	12 I	within gene(s) PMM1088;
1034297 -	TSS_020227	1000	335	0	13 I	within gene(s) PMM1088;
1034333 -	TSS_020233	1000	173	0	3 I	within gene(s) PMM1088;
1034343 +	TSS_007254	1000	188	0	0 Ai	antisense to gene(s) PMM1088;
1034369 -	TSS_020240	1000	340	0	33 I	within gene(s) PMM1088;
1034380 +	TSS_007258	1000	400	0	4 Ai	antisense to gene(s) PMM1088;
1034390 -	TSS_020243	1000	311	0	9 I	within gene(s) PMM1088;
1034423 -	TSS_020254	1000	486	0	30 I	within gene(s) PMM1088;
1034447 -	TSS_020260	1000	240	0	0 I	within gene(s) PMM1088;
1034467 -	TSS_020261	1000	220	0	1 I	within gene(s) PMM1088;
1034492 -	TSS_020263	1000	134	0	0 I	within gene(s) PMM1088;
1034507 -	TSS_020265	1000	280	0	9 I	within gene(s) PMM1088;
1035252 +	TSS_007260	1000	628	0	1 P	14nt upstream of gene PMM1090;
1036076 +	TSS_007272	1000	611	0	7 I	within gene(s) PMM1090;
1037521 +	TSS_007286	1000	147	0	0 IP	within gene(s) PMM1091; 41nt upstream of gene PMM1092;
1037579 -	TSS_020276	1000	412	0	0 Ai	antisense to gene(s) PMM1092;
1038879 -	TSS_020281	1000	156	0	0 Ai	antisense to gene(s) PMM1093;
1039004 +	TSS_007298	1000	170	0	2 I	within gene(s) PMM1093;
1041219 +	TSS_007306	1000	129	0	0 Ai	antisense to gene(s) PMM1096;
1041770 +	TSS_007307	1000	804	0	1 Ai	antisense to gene(s) PMM1097;
1042334 -	TSS_020287	1000	231	0	0 P	14nt upstream of gene PMM1097;
1042406 +	TSS_007312	1000	3259	0	1 P	20nt upstream of gene PMM1098;
1042483 +	TSS_007317	1000	107	0	9 I	within gene(s) PMM1098;
1042908 -	TSS_020293	1000	181	0	1 Ai	antisense to gene(s) PMM1098;
1043114 +	TSS_007337	1000	133	0	0 Ai	antisense to gene(s) PMM1099;
1057074 -	TSS_020304	1000	2912	0	1 P	35nt upstream of gene PMM1107;
1057110 -	TSS_020306	1000	166	0	0 P	71nt upstream of gene PMM1107;
1058110 +	TSS_007360	1000	156	0	1 I	within gene(s) PMM1109;
1058522 +	TSS_007366	1000	689	0	3 IP	within gene(s) PMM1110; 95nt upstream of gene PMM1111;
1059299 +	TSS_007373	1000	651	0	2 P	47nt upstream of gene PMM1113;
1059838 +	TSS_007383	1000	116	0	2 I	within gene(s) PMM1113;
1059858 +	TSS_007385	1000	422	0	2 I	within gene(s) PMM1113;
1063653 -	TSS_020334	1000	106	0	9 IP	within gene(s) PMM1117; 84nt upstream of gene PMM1116;
1063680 -	TSS_020336	1000	119	0	4 IP	within gene(s) PMM1117; 111nt upstream of gene PMM1116;
1063850 +	TSS_007403	1000	185	0	4 O	-
1064477 +	TSS_007404	1000	130	0	0 P	24nt upstream of gene PMM1118;
1065133 +	TSS_007407	1000	116	0	0 Ai	antisense to gene(s) PMM1119;
1065289 +	TSS_007411	1000	749	0	0 Ai	antisense to gene(s) PMM1119;
1065304 +	TSS_007412	1000	1804	0	0 Ai	antisense to gene(s) PMM1119;
1065312 +	TSS_007413	1000	491	0	0 Ai	antisense to gene(s) PMM1119;
1065322 +	TSS_007414	1000	129	0	0 Ai	antisense to gene(s) PMM1119;
1065335 +	TSS_007415	1000	113	0	0 Ai	antisense to gene(s) PMM1119;
1065409 +	TSS_007417	1000	523	0	5 Ai	antisense to gene(s) PMM1119;
1065446 +	TSS_007421	1000	287	0	0 Ai	antisense to gene(s) PMM1119;
1065544 +	TSS_007422	1000	132	0	0 Ai	antisense to gene(s) PMM1119;
1065751 +	TSS_007424	1000	249	0	0 Ai	antisense to gene(s) PMM1119;
1068349 +	TSS_007435	1000	116	0	0 Ai	antisense to gene(s) PMM1121;

1068501 -	TSS_020346	1000	652	0	3 I	within gene(s) PMM1121;
1068505 +	TSS_007440	1000	749	0	0 Ai	antisense to gene(s) PMM1121;
1068519 -	TSS_020348	1000	1699	0	15 I	within gene(s) PMM1121;
1068520 +	TSS_007441	1000	1804	0	0 Ai	antisense to gene(s) PMM1121;
1068528 +	TSS_007442	1000	491	0	0 Ai	antisense to gene(s) PMM1121;
1068538 +	TSS_007443	1000	129	0	0 Ai	antisense to gene(s) PMM1121;
1068551 +	TSS_007444	1000	113	0	0 Ai	antisense to gene(s) PMM1121;
1068552 -	TSS_020353	1000	395	0	3 I	within gene(s) PMM1121;
1068564 +	TSS_007445	1000	138	0	0 Ai	antisense to gene(s) PMM1121;
1068570 -	TSS_020357	1000	1511	0	9 I	within gene(s) PMM1121;
1068588 -	TSS_020360	1000	478	0	3 I	within gene(s) PMM1121;
1068603 -	TSS_020363	1000	2418	0	20 I	within gene(s) PMM1121;
1068625 +	TSS_007449	1000	523	0	13 Ai	antisense to gene(s) PMM1121;
1068645 -	TSS_020368	1000	324	0	0 I	within gene(s) PMM1121;
1068662 +	TSS_007453	1000	287	0	0 Ai	antisense to gene(s) PMM1121;
1068666 -	TSS_020374	1000	2059	0	26 I	within gene(s) PMM1121;
1068693 -	TSS_020381	1000	599	0	12 I	within gene(s) PMM1121;
1068760 +	TSS_007454	1000	132	0	0 Ai	antisense to gene(s) PMM1121;
1068967 +	TSS_007456	1000	249	0	0 Ai	antisense to gene(s) PMM1121;
1069050 -	TSS_020387	1000	1845	0	18 I	within gene(s) PMM1121;
1069074 -	TSS_020391	1000	1030	0	48 I	within gene(s) PMM1121;
1069166 +	TSS_007461	1000	140	0	1 Ai	antisense to gene(s) PMM1121;
1069167 -	TSS_020421	1000	802	0	36 I	within gene(s) PMM1121;
1069179 -	TSS_020423	1000	636	0	3 I	within gene(s) PMM1121;
1069197 -	TSS_020427	1000	1097	0	18 I	within gene(s) PMM1121;
1069204 +	TSS_007463	1000	128	0	0 Ai	antisense to gene(s) PMM1121;
1069227 -	TSS_020433	1000	263	0	0 I	within gene(s) PMM1121;
1069243 +	TSS_007465	1000	1192	0	1 Ai	antisense to gene(s) PMM1121;
1069251 -	TSS_020434	1000	629	0	3 I	within gene(s) PMM1121;
1069261 +	TSS_007466	1000	279	0	1 Ai	antisense to gene(s) PMM1121;
1069269 -	TSS_020438	1000	410	0	3 I	within gene(s) PMM1121;
1069296 -	TSS_020441	1000	126	0	12 I	within gene(s) PMM1121;
1069339 +	TSS_007468	1000	276	0	0 Ai	antisense to gene(s) PMM1121;
1069447 -	TSS_020442	1000	1914	0	2 P	28nt upstream of gene PMM1121;
1071728 +	TSS_007475	1000	810	0	0 Ai	antisense to gene(s) PMM1123;
1071742 -	TSS_020460	1000	105	0	0 I	within gene(s) PMM1123;
1071763 -	TSS_020463	1000	124	0	10 I	within gene(s) PMM1123;
1071771 +	TSS_007476	1000	110	0	3 Ai	antisense to gene(s) PMM1123;
1071780 -	TSS_020466	1000	596	0	0 I	within gene(s) PMM1123;
1071792 -	TSS_020467	1000	142	0	0 I	within gene(s) PMM1123;
1071805 -	TSS_020469	1000	295	0	20 I	within gene(s) PMM1123;
1071856 -	TSS_020477	1000	117	0	0 I	within gene(s) PMM1123;
1071889 -	TSS_020482	1000	129	0	24 I	within gene(s) PMM1123;
1071928 -	TSS_020488	1000	709	0	16 I	within gene(s) PMM1123;
1071975 -	TSS_020498	1000	183	0	12 I	within gene(s) PMM1123;
1072021 -	TSS_020503	1000	152	0	12 I	within gene(s) PMM1123;
1072087 -	TSS_020508	1000	249	0	1 I	within gene(s) PMM1123;
1072132 -	TSS_020515	1000	560	0	30 I	within gene(s) PMM1123;
1072161 -	TSS_020525	1000	109	0	2 I	within gene(s) PMM1123;
1072179 -	TSS_020527	1000	154	0	3 I	within gene(s) PMM1123;
1072201 -	TSS_020532	1000	950	0	21 I	within gene(s) PMM1123;
1072334 -	TSS_020540	1000	141	0	1 I	within gene(s) PMM1123;
1072352 -	TSS_020543	1000	342	0	6 I	within gene(s) PMM1123;
1072364 +	TSS_007478	1000	249	0	0 Ai	antisense to gene(s) PMM1123;
1072388 -	TSS_020548	1000	134	0	6 P	13nt upstream of gene PMM1123;
1074287 -	TSS_020555	1000	634	0	1 I	within gene(s) PMM1124;
1078286 -	TSS_020560	1000	784	0	2 I	within gene(s) PMM1127;
1078972 -	TSS_020563	1000	110	0	0 O	-
1079462 -	TSS_020565	1000	1897	0	3 P	17nt upstream of gene PMM1128;
1080845 +	TSS_007500	1000	192	0	1 P	24nt upstream of gene PMM1131;
1082063 -	TSS_020572	1000	2016	0	3 O	-
1082218 +	TSS_007509	1000	2110	0	4 P	51nt upstream of gene PMM1132;
1083365 -	TSS_020576	1000	201	0	1 Ai	antisense to gene(s) PMM1132;
1083716 +	TSS_007520	1000	122	0	0 I	within gene(s) PMM1132;
1085043 +	TSS_007523	1000	2727	0	1 P	19nt upstream of gene PMM1134;
1085641 +	TSS_007530	1000	4065	0	4 P	15nt upstream of gene PMM1135;
1087615 +	TSS_007541	1000	500	0	0 O	-
1090775 +	TSS_007546	1000	395	0	0 I	within gene(s) PMM1140;
1094754 +	TSS_007555	1000	477	0	1 P	29nt upstream of gene PMM1142;
1095730 +	TSS_007561	1000	217	0	0 I	within gene(s) PMM1142;
1098755 -	TSS_020628	1000	126	0	2 I	within gene(s) PMM1145;
1099273 -	TSS_020634	1000	225	0	0 IP	within gene(s) PMM1147; 96nt upstream of gene PMM1146;
1100340 -	TSS_020654	1000	1394	0	7 P	17nt upstream of gene PMM1147;
1100440 +	TSS_007578	1000	611	0	1 P	16nt upstream of gene PMM1148;
1100588 +	TSS_007582	1000	111	0	0 I	within gene(s) PMM1148;
1100603 +	TSS_007584	1000	258	0	3 I	within gene(s) PMM1148;
1100633 +	TSS_007589	1000	249	0	40 I	within gene(s) PMM1148;
1100672 +	TSS_007599	1000	110	0	0 I	within gene(s) PMM1148;
1100708 +	TSS_007607	1000	222	0	21 I	within gene(s) PMM1148;



1109705 -	TSS_020739	1000	286	0	1 Ai	antisense to gene(s) PMM1158;
1109792 -	TSS_020741	1000	480	0	1 Ai	antisense to gene(s) PMM1158;
1109834 +	TSS_007962	1000	149	0	0 I	within gene(s) PMM1158;
1109873 +	TSS_007963	1000	187	0	0 I	within gene(s) PMM1158;
1115277 +	TSS_007978	1000	140	0	1 O	-
1115437 +	TSS_007981	1000	405	0	1 O	-
1118179 -	TSS_020766	1000	312	0	1 P	33nt upstream of gene PMM1165;
1120049 +	TSS_007990	1000	1097	0	1 P	15nt upstream of gene PMM1169;
1121150 +	TSS_007994	1000	313	0	0 Ai	antisense to gene(s) PMM1171;
1121159 +	TSS_007995	1000	448	0	0 Ai	antisense to gene(s) PMM1171;
1121311 +	TSS_007997	1000	154	0	0 Ai	antisense to gene(s) PMM1171;
1121377 +	TSS_007999	1000	159	0	1 Ai	antisense to gene(s) PMM1171;
1121400 -	TSS_020791	1000	338	0	0 I	within gene(s) PMM1171;
1121448 -	TSS_020792	1000	135	0	3 I	within gene(s) PMM1171;
1121466 -	TSS_020795	1000	529	0	7 I	within gene(s) PMM1171;
1121481 -	TSS_020798	1000	114	0	0 I	within gene(s) PMM1171;
1121493 -	TSS_020799	1000	151	0	0 I	within gene(s) PMM1171;
1121508 -	TSS_020800	1000	276	0	15 I	within gene(s) PMM1171;
1121580 -	TSS_020805	1000	4491	0	0 P	27nt upstream of gene PMM1171;
1122779 +	TSS_008001	1000	400	0	1 P	17nt upstream of gene PMM1174;
1123430 -	TSS_020808	1000	662	0	6 Ai	antisense to gene(s) PMM1175;
1124119 +	TSS_008006	1000	155	0	0 I	within gene(s) PMM1176;
1127018 +	TSS_008013	1000	499	0	0 Ai	antisense to gene(s) PMM1178;
1127626 +	TSS_008018	1000	3732	0	2 Ai	antisense to gene(s) PMM1179;
1128259 +	TSS_008025	1000	699	0	1 P	28nt upstream of gene PMM1180;
1128268 +	TSS_008027	1000	437	0	3 P	19nt upstream of gene PMM1180;
1128474 -	TSS_020829	1000	1259	0	2 PAi	241nt upstream of gene PMM1179; antisense to gene(s) PMM1180;
1128570 -	TSS_020830	1000	962	0	0 Ai	antisense to gene(s) PMM1180;
1130036 +	TSS_008058	1000	164	0	15 IP	within gene(s) PMM1182; 123nt upstream of gene PMM1183;
1130146 +	TSS_008065	1000	17023	0	4 P	13nt upstream of gene PMM1183;
1130398 -	TSS_020839	1000	362	0	0 Ai	antisense to gene(s) PMM1184;
1130619 +	TSS_008067	1000	116	0	1 IP	within gene(s) PMM1184; 74nt upstream of gene PMM1185;
1130649 +	TSS_008070	1000	1022	0	0 IP	within gene(s) PMM1184; 44nt upstream of gene PMM1185;
1131120 +	TSS_008074	1000	244	0	2 P	59nt upstream of gene PMM1186;
1131150 +	TSS_008076	1000	5266	0	4 P	29nt upstream of gene PMM1186;
1131452 +	TSS_008089	1000	142	0	12 I	within gene(s) PMM1186;
1131719 +	TSS_008097	1000	637	0	12 I	within gene(s) PMM1186;
1131752 +	TSS_008101	1000	113	0	1 I	within gene(s) PMM1186;
1131989 +	TSS_008109	1000	179	0	1 I	within gene(s) PMM1186;
1133995 +	TSS_008119	1000	678	0	5 I	within gene(s) PMM1188;
1136341 +	TSS_008129	1000	154	0	0 P	18nt upstream of gene PMM1190;
1136852 +	TSS_008136	1000	1079	0	1 P	Ont upstream of gene PMM1191;
1136948 +	TSS_008141	1000	132	0	0 I	within gene(s) PMM1191;
1136957 +	TSS_008142	1000	122	0	0 I	within gene(s) PMM1191;
1137017 +	TSS_008147	1000	169	0	18 I	within gene(s) PMM1191;
1137053 +	TSS_008151	1000	240	0	7 I	within gene(s) PMM1191;
1137057 -	TSS_020853	1000	101	0	0 Ai	antisense to gene(s) PMM1191;
1137073 -	TSS_020856	1000	286	0	11 Ai	antisense to gene(s) PMM1191;
1137086 +	TSS_008154	1000	165	0	3 I	within gene(s) PMM1191;
1137131 +	TSS_008158	1000	124	0	4 I	within gene(s) PMM1191;
1137144 +	TSS_008162	1000	610	0	15 I	within gene(s) PMM1191;
1137185 +	TSS_008169	1000	156	0	0 I	within gene(s) PMM1191;
1137200 +	TSS_008171	1000	245	0	8 I	within gene(s) PMM1191;
1137233 +	TSS_008175	1000	208	0	0 I	within gene(s) PMM1191;
1137285 -	TSS_020860	1000	208	0	0 Ai	antisense to gene(s) PMM1191;
1137321 -	TSS_020861	1000	270	0	0 Ai	antisense to gene(s) PMM1191;
1137362 +	TSS_008187	1000	102	0	12 I	within gene(s) PMM1191;
1137382 -	TSS_020863	1000	1874	0	1 Ai	antisense to gene(s) PMM1191;
1137394 -	TSS_020864	1000	387	0	0 Ai	antisense to gene(s) PMM1191;
1137842 +	TSS_008207	1000	203	0	6 I	within gene(s) PMM1191;
1137863 +	TSS_008212	1000	106	0	6 I	within gene(s) PMM1191;
1137881 +	TSS_008214	1000	149	0	4 I	within gene(s) PMM1191;
1138019 +	TSS_008226	1000	129	0	23 I	within gene(s) PMM1191;
1138050 -	TSS_020872	1000	185	0	1 Ai	antisense to gene(s) PMM1191;
1138133 +	TSS_008241	1000	164	0	21 I	within gene(s) PMM1191;
1138172 +	TSS_008252	1000	597	0	36 I	within gene(s) PMM1191;
1138187 +	TSS_008256	1000	112	0	0 I	within gene(s) PMM1191;
1138235 +	TSS_008260	1000	214	0	15 I	within gene(s) PMM1191;
1138412 +	TSS_008269	1000	917	0	15 I	within gene(s) PMM1191;
1138460 +	TSS_008277	1000	120	0	3 I	within gene(s) PMM1191;
1138493 +	TSS_008280	1000	167	0	3 I	within gene(s) PMM1191;
1138553 +	TSS_008288	1000	158	0	1 I	within gene(s) PMM1191;
1138651 -	TSS_020883	1000	174	0	0 Ai	antisense to gene(s) PMM1191;
1138670 +	TSS_008297	1000	139	0	12 I	within gene(s) PMM1191;
1138673 -	TSS_020884	1000	113	0	0 Ai	antisense to gene(s) PMM1191;
1138742 +	TSS_008310	1000	159	0	51 I	within gene(s) PMM1191;
1138799 +	TSS_008320	1000	145	0	18 I	within gene(s) PMM1191;
1138805 -	TSS_020886	1000	142	0	1 Ai	antisense to gene(s) PMM1191;
1138862 -	TSS_020888	1000	1187	0	0 Ai	antisense to gene(s) PMM1191;

1138882 -	TSS_020891	1000	347	0	5 Ai	antisense to gene(s) PMM1191;
1138904 -	TSS_020893	1000	317	0	0 Ai	antisense to gene(s) PMM1191;
1138932 -	TSS_020896	1000	229	0	0 Ai	antisense to gene(s) PMM1191;
1139830 +	TSS_008325	1000	152	0	0 PAi	95nt upstream of gene PMM1193; antisense to gene(s) PMM1192;
1152750 -	TSS_020919	1000	145	0	0 I	within gene(s) PMM1204;
1152998 -	TSS_020920	1000	257	0	0 IP	within gene(s) PMM1205; 88nt upstream of gene PMM1204;
1157220 +	TSS_008358	1000	491	0	0 Ai	antisense to gene(s) PMM1208;
1181446 -	TSS_020966	1000	245	0	2 Ai	antisense to gene(s) PMM1229;
1183984 +	TSS_008415	1000	581	0	6 I	within gene(s) PMM1232;
1186173 +	TSS_008418	1000	399	0	2 I	within gene(s) PMM1234;
1186359 -	TSS_020975	1000	482	0	2 Ai	antisense to gene(s) PMM1234;
1186823 +	TSS_008424	1000	2357	0	2 I	within gene(s) PMM1234;
1187821 +	TSS_008434	1000	447	0	2 IP	within gene(s) PMM1235; 110nt upstream of gene PMM1236;
1192382 +	TSS_008443	1000	156	0	8 IP	within gene(s) PMM1239; 39nt upstream of gene PMM1240;
1192406 +	TSS_008445	1000	545	0	2 IP	within gene(s) PMM1239; 15nt upstream of gene PMM1240;
1201748 -	TSS_021001	1000	162	0	0 I	within gene(s) PMM1249;
1202453 -	TSS_021005	1000	124	0	1 I	within gene(s) PMM1250;
1203802 +	TSS_008457	1000	339	0	1 Ai	antisense to gene(s) PMM1251;
1204621 -	TSS_021015	1000	235	0	0 P	82nt upstream of gene PMM1251;
1206887 +	TSS_008463	1000	102	0	0 Ai	antisense to gene(s) PMM1254;
1209541 -	TSS_021027	1000	973	0	1 I	within gene(s) PMM1256;
1211786 +	TSS_008473	1000	215	0	0 I	within gene(s) PMM1258;
1212906 +	TSS_008479	1000	314	0	0 I	within gene(s) PMM1259;
1213317 +	TSS_008487	1000	511	0	1 I	within gene(s) PMM1259;
1214724 +	TSS_008492	1000	712	0	0 IP	within gene(s) PMM1260; 140nt upstream of gene PMM1261;
1214740 +	TSS_008493	1000	107	0	0 IP	within gene(s) PMM1260; 124nt upstream of gene PMM1261;
1216537 +	TSS_008504	1000	102	0	0 Ai	antisense to gene(s) PMM1262;
1216690 +	TSS_008506	1000	102	0	0 Ai	antisense to gene(s) PMM1262;
1218110 +	TSS_008514	1000	185	0	1 Ai	antisense to gene(s) PMM1264;
1218175 -	TSS_021056	1000	342	0	6 I	within gene(s) PMM1264;
1218209 +	TSS_008516	1000	148	0	0 Ai	antisense to gene(s) PMM1264;
1218313 -	TSS_021070	1000	194	0	15 I	within gene(s) PMM1264;
1218440 +	TSS_008522	1000	103	0	0 Ai	antisense to gene(s) PMM1264;
1218445 -	TSS_021082	1000	157	0	19 I	within gene(s) PMM1264;
1218465 -	TSS_021087	1000	280	0	1 I	within gene(s) PMM1264;
1218507 +	TSS_008524	1000	142	0	0 Ai	antisense to gene(s) PMM1264;
1218563 +	TSS_008525	1000	328	0	4 Ai	antisense to gene(s) PMM1264;
1218613 -	TSS_021099	1000	171	0	3 I	within gene(s) PMM1264;
1218623 +	TSS_008528	1000	1842	0	1 Ai	antisense to gene(s) PMM1264;
1218649 -	TSS_021104	1000	904	0	27 I	within gene(s) PMM1264;
1218735 +	TSS_008529	1000	115	0	1 Ai	antisense to gene(s) PMM1264;
1218757 -	TSS_021115	1000	481	0	2 I	within gene(s) PMM1264;
1218769 -	TSS_021117	1000	152	0	2 I	within gene(s) PMM1264;
1218787 -	TSS_021119	1000	103	0	3 I	within gene(s) PMM1264;
1218832 -	TSS_021123	1000	161	0	0 I	within gene(s) PMM1264;
1218868 -	TSS_021124	1000	103	0	6 I	within gene(s) PMM1264;
1218904 -	TSS_021133	1000	204	0	6 I	within gene(s) PMM1264;
1218920 +	TSS_008532	1000	158	0	0 Ai	antisense to gene(s) PMM1264;
1218931 -	TSS_021138	1000	101	0	10 I	within gene(s) PMM1264;
1218939 +	TSS_008533	1000	513	0	0 Ai	antisense to gene(s) PMM1264;
1218943 -	TSS_021141	1000	382	0	3 I	within gene(s) PMM1264;
1218964 -	TSS_021145	1000	278	0	12 I	within gene(s) PMM1264;
1218994 -	TSS_021148	1000	124	0	12 I	within gene(s) PMM1264;
1219090 -	TSS_021153	1000	336	0	6 I	within gene(s) PMM1264;
1219102 -	TSS_021154	1000	109	0	0 I	within gene(s) PMM1264;
1219126 -	TSS_021157	1000	186	0	10 I	within gene(s) PMM1264;
1219135 -	TSS_021160	1000	370	0	13 I	within gene(s) PMM1264;
1219165 -	TSS_021167	1000	513	0	14 I	within gene(s) PMM1264;
1219183 -	TSS_021173	1000	166	0	1 I	within gene(s) PMM1264;
1219195 -	TSS_021175	1000	228	0	18 I	within gene(s) PMM1264;
1219255 +	TSS_008537	1000	301	0	1 Ai	antisense to gene(s) PMM1264;
1219300 -	TSS_021182	1000	206	0	9 I	within gene(s) PMM1264;
1219348 -	TSS_021187	1000	117	0	6 I	within gene(s) PMM1264;
1219417 -	TSS_021193	1000	403	0	12 I	within gene(s) PMM1264;
1219521 -	TSS_021210	1000	116	0	6 I	within gene(s) PMM1264;
1219704 -	TSS_021220	1000	109	0	7 I	within gene(s) PMM1264;
1219762 -	TSS_021223	1000	188	0	0 I	within gene(s) PMM1264;
1219801 -	TSS_021224	1000	304	0	1 P	24nt upstream of gene PMM1264;
1219908 -	TSS_021226	1000	140	0	0 IP	within gene(s) PMM1265; 131nt upstream of gene PMM1264;
1220160 +	TSS_008542	1000	173	0	5 Ai	antisense to gene(s) PMM1265;
1221551 -	TSS_021233	1000	103	0	2 IP	within gene(s) PMM1267; 57nt upstream of gene PMM1266;
1223066 +	TSS_008550	1000	170	0	2 IAd	within gene(s) PMM1268; antisense to gene(s) PMM1269 (28nt downstream);
1223096 +	TSS_008553	1000	160	0	0 Ai	antisense to gene(s) PMM1269;
1223572 -	TSS_021241	1000	127	0	3 I	within gene(s) PMM1269;
1224017 -	TSS_021249	1000	4451	0	8 P	16nt upstream of gene PMM1269;
1224107 +	TSS_008556	1000	987	0	2 Ai	antisense to gene(s) PMM1270;
1224306 -	TSS_021254	1000	551	0	3 I	within gene(s) PMM1270;
1224483 +	TSS_008561	1000	1634	0	1 Ai	antisense to gene(s) PMM1270;
1225097 +	TSS_008563	1000	354	0	0 P	51nt upstream of gene PMM1271;



1250468 -	TSS_021626	1000	440	0	3 I	within gene(s) PMM1299;
1251088 +	TSS_008789	1000	167	0	0 P	15nt upstream of gene PMM1300;
1252148 +	TSS_008795	1000	112	0	2 I	within gene(s) PMM1300;
1252727 -	TSS_021638	1000	1662	0	1 O	-
1252970 +	TSS_008806	1000	922	0	6 P	32nt upstream of gene PMM1301;
1253102 +	TSS_008807	1000	212	0	5 I	within gene(s) PMM1301;
1258142 -	TSS_021650	1000	214	0	12 P	16nt upstream of gene PMM1304;
1258258 +	TSS_008821	1000	689	0	6 P	151nt upstream of gene PMM1305;
1259122 -	TSS_021659	1000	161	0	1 Ai	antisense to gene(s) PMM1305;
1261120 +	TSS_008832	1000	125	0	0 IP	within gene(s) PMM1307; 179nt upstream of gene PMM1308;
1262176 +	TSS_008836	1000	1346	0	2 P	26nt upstream of gene PMM1309;
1262799 +	TSS_008860	1000	110	0	4 I	within gene(s) PMM1309;
1262859 +	TSS_008868	1000	121	0	9 I	within gene(s) PMM1309;
1262904 +	TSS_008873	1000	115	0	1 I	within gene(s) PMM1309;
1263425 -	TSS_021678	1000	522	0	1 O	-
1263674 +	TSS_008890	1000	857	0	1 I	within gene(s) PMM1310;
1264866 +	TSS_008896	1000	140	0	4 Ai	antisense to gene(s) PMM1311;
1265561 +	TSS_008901	1000	14113	0	4 I	within gene(s) PMM1312;
1266213 -	TSS_021686	1000	228	0	1 Ai	antisense to gene(s) PMM1312;
1266337 +	TSS_008927	1000	105	0	1 I	within gene(s) PMM1312;
1266690 +	TSS_008933	1000	16907	0	2 P	20nt upstream of gene PMM1313;
1266702 +	TSS_008935	1000	355	0	0 P	8nt upstream of gene PMM1313;
1266713 +	TSS_008936	1000	106	0	0 I	within gene(s) PMM1313;
1266750 +	TSS_008942	1000	138	0	16 I	within gene(s) PMM1313;
1266761 +	TSS_008943	1000	133	0	18 I	within gene(s) PMM1313;
1267025 +	TSS_008965	1000	108	0	3 I	within gene(s) PMM1313;
1267067 +	TSS_008971	1000	508	0	66 I	within gene(s) PMM1313;
1267140 -	TSS_021696	1000	140	0	1 Ai	antisense to gene(s) PMM1313;
1267176 -	TSS_021698	1000	156	0	0 Ai	antisense to gene(s) PMM1313;
1267212 -	TSS_021699	1000	200	0	6 Ai	antisense to gene(s) PMM1313;
1267259 +	TSS_008999	1000	166	0	12 IP	within gene(s) PMM1313; 147nt upstream of gene PMM1314;
1267775 +	TSS_009032	1000	112	0	15 I	within gene(s) PMM1314;
1268104 +	TSS_009038	1000	2547	0	2 P	24nt upstream of gene PMM1315;
1270161 +	TSS_009088	1000	225	0	7 P	15nt upstream of gene PMM1317;
1270931 -	TSS_021721	1000	177	0	8 I	within gene(s) PMM1318;
1272067 -	TSS_021730	1000	76260	0	8 P	65nt upstream of gene PMM1321;
1273518 -	TSS_021736	1000	1364	0	2 Ai	antisense to gene(s) PMM1322;
1273866 -	TSS_021738	1000	109	0	0 Ai	antisense to gene(s) PMM1322;
1274764 +	TSS_009112	1000	717	0	1 P	86nt upstream of gene PMM1323;
1275301 -	TSS_021744	1000	132	0	0 Ai	antisense to gene(s) PMM1323;
1276011 -	TSS_021746	1000	709	0	2 Ai	antisense to gene(s) PMM1323;
1276210 +	TSS_009126	1000	227	0	0 I	within gene(s) PMM1324;
1276620 -	TSS_021750	1000	306	0	0 Ai	antisense to gene(s) PMM1324;
1276627 -	TSS_021751	1000	154	0	0 Ai	antisense to gene(s) PMM1324;
1276641 +	TSS_009130	1000	376	0	0 I	within gene(s) PMM1324;
1278318 +	TSS_009140	1000	399	0	4 IP	within gene(s) PMM1326; 106nt upstream of gene PMM1327;
1281106 -	TSS_021761	1000	273	0	0 IP	within gene(s) PMM1330; 132nt upstream of gene PMM1329;
1281349 -	TSS_021764	1000	103	0	0 P	30nt upstream of gene PMM1330;
1285667 -	TSS_021775	1000	120	0	3 I	within gene(s) PMM1335;
1285747 -	TSS_021778	1000	111	0	0 I	within gene(s) PMM1335;
1286203 +	TSS_009172	1000	117	0	2 Ai	antisense to gene(s) PMM1335;
1286762 +	TSS_009175	1000	258	0	5 Ai	antisense to gene(s) PMM1337;
1287550 -	TSS_021787	1000	136	0	0 IP	within gene(s) PMM1338; 17nt upstream of gene PMM1337;
1287887 -	TSS_021797	1000	377	0	1 I	within gene(s) PMM1338;
1287977 -	TSS_021798	1000	261	0	0 I	within gene(s) PMM1338;
1288162 +	TSS_009182	1000	208	0	6 Ai	antisense to gene(s) PMM1338;
1288975 -	TSS_021813	1000	211	0	2 I	within gene(s) PMM1338;
1291245 -	TSS_021830	1000	144	0	0 Ai	antisense to gene(s) PMM1340;
1291318 -	TSS_021831	1000	182	0	0 Ai	antisense to gene(s) PMM1340;
1291478 +	TSS_009198	1000	1785	0	2 I	within gene(s) PMM1340;
1291709 -	TSS_021832	1000	123	0	0 Ai	antisense to gene(s) PMM1340;
1293363 +	TSS_009216	1000	119	0	0 I	within gene(s) PMM1341;
1293438 +	TSS_009220	1000	385	0	5 I	within gene(s) PMM1341;
1293828 +	TSS_009225	1000	154	0	2 I	within gene(s) PMM1341;
1294828 -	TSS_021853	1000	157	0	3 I	within gene(s) PMM1342;
1295467 -	TSS_021870	1000	167	0	6 I	within gene(s) PMM1342;
1295522 -	TSS_021872	1000	102	0	0 P	13nt upstream of gene PMM1342;
1295547 -	TSS_021873	1000	121	0	1 P	38nt upstream of gene PMM1342;
1295976 +	TSS_009237	1000	1070	0	10 P	65nt upstream of gene PMM1344;
1296395 +	TSS_009250	1000	8460	0	7 IP	within gene(s) PMM1344; 96nt upstream of gene PMM1345;
1296404 +	TSS_009253	1000	161	0	4 IP	within gene(s) PMM1344; 87nt upstream of gene PMM1345;
1296628 -	TSS_021884	1000	238	0	0 Ai	antisense to gene(s) PMM1345;
1297508 -	TSS_021886	1000	346	0	6 P	89nt upstream of gene PMM1346;
1299151 +	TSS_009265	1000	362	0	0 Ai	antisense to gene(s) PMM1348;
1299740 +	TSS_009266	1000	184	0	0 P	25nt upstream of gene PMM1349;
1299756 +	TSS_009267	1000	103	0	2 P	9nt upstream of gene PMM1349;
1300005 +	TSS_009269	1000	113	0	5 I	within gene(s) PMM1349;
1300739 +	TSS_009275	1000	203	0	0 P	24nt upstream of gene PMM1350;
1300764 +	TSS_009277	1000	7149	0	2 I	within gene(s) PMM1350;

1300820 +	TSS_009282	1000	185	0	0 I	within gene(s) PMM1350;
1300862 +	TSS_009289	1000	234	0	18 I	within gene(s) PMM1350;
1300907 +	TSS_009295	1000	182	0	21 I	within gene(s) PMM1350;
1300946 +	TSS_009302	1000	135	0	0 I	within gene(s) PMM1350;
1300973 +	TSS_009303	1000	148	0	0 I	within gene(s) PMM1350;
1301001 +	TSS_009313	1000	245	0	39 I	within gene(s) PMM1350;
1301039 +	TSS_009321	1000	103	0	0 I	within gene(s) PMM1350;
1301738 -	TSS_021902	1000	251	0	3 P	22nt upstream of gene PMM1351;
1301991 -	TSS_021906	1000	366	0	22 I	within gene(s) PMM1352;
1302034 -	TSS_021914	1000	369	0	12 I	within gene(s) PMM1352;
1302064 -	TSS_021921	1000	387	0	3 I	within gene(s) PMM1352;
1302079 -	TSS_021924	1000	123	0	6 I	within gene(s) PMM1352;
1302130 -	TSS_021928	1000	12800	0	2 P	33nt upstream of gene PMM1352;
1304163 +	TSS_009334	1000	635	0	0 Ai	antisense to gene(s) PMM1354;
1304348 +	TSS_009336	1000	168	0	1 Ai	antisense to gene(s) PMM1354;
1304765 -	TSS_021972	1000	996	0	0 P	19nt upstream of gene PMM1354;
1304776 -	TSS_021973	1000	293	0	6 P	30nt upstream of gene PMM1354;
1307622 +	TSS_009348	1000	460	0	0 O	-
1309146 -	TSS_021985	1000	133	0	0 I	within gene(s) PMM1360;
1313108 +	TSS_009360	1000	904	0	2 P	16nt upstream of gene PMM1365;
1313370 +	TSS_009368	1000	102	0	12 I	within gene(s) PMM1365;
1315509 -	TSS_021995	1000	1269	0	15 P	15nt upstream of gene PMM1368;
1316344 -	TSS_022008	1000	481	0	5 P	10nt upstream of gene PMM1369;
1318282 -	TSS_022017	1000	184	0	0 O	-
1319591 +	TSS_009381	1000	2747	0	2 O	-
1319966 +	TSS_009388	1000	438	0	2 P	13nt upstream of gene PMM1372;
1319980 +	TSS_009389	1000	1817	0	5 I	within gene(s) PMM1372;
1320260 -	TSS_022021	1000	186	0	1 Ad	antisense to gene(s) PMM1372 (4nt downstream);
1321010 +	TSS_009393	1000	4163	0	2 O	-
1322462 -	TSS_022026	1000	443	0	1 O	-
1322954 -	TSS_022028	1000	101	0	0 P	15nt upstream of gene PMM1374;
1324248 +	TSS_009403	1000	324	0	0 P	19nt upstream of gene PMM1377;
1326668 -	TSS_022036	1000	6129	0	2 O	-
1327175 +	TSS_009414	1000	472	0	1 O	-
1328956 -	TSS_022041	1000	3951	0	2 O	-
1329106 +	TSS_009420	1000	215	0	1 O	-
1332432 +	TSS_009433	1000	1863	0	2 O	-
1334143 +	TSS_009437	1000	468	0	0 O	-
1335359 +	TSS_009441	1000	20628	0	2 O	-
1336436 +	TSS_009446	1000	774	0	1 O	-
1338319 -	TSS_022065	1000	180	0	5 Ai	antisense to gene(s) PMM1386;
1338981 +	TSS_009453	1000	177	0	0 P	17nt upstream of gene PMM1387;
1339834 -	TSS_022068	1000	289	0	0 P	32nt upstream of gene PMM1388;
1341205 -	TSS_022072	1000	240	0	1 P	20nt upstream of gene PMM1390;
1341449 +	TSS_009458	1000	196	0	0 P	15nt upstream of gene PMM1391;
1343374 +	TSS_009461	1000	112	0	0 I	within gene(s) PMM1394;
1343856 -	TSS_022077	1000	2847	0	7 O	-
1344022 -	TSS_022079	1000	153	0	2 O	-
1345064 -	TSS_022086	1000	185	0	1 I	within gene(s) PMM1396;
1345196 -	TSS_022094	1000	168	0	23 IP	within gene(s) PMM1397; 129nt upstream of gene PMM1396;
1345665 -	TSS_022114	1000	139	0	0 IP	within gene(s) PMM1399; 98nt upstream of gene PMM1398;
1346141 +	TSS_009470	1000	132	0	1 Ai	antisense to gene(s) PMM1400;
1346356 -	TSS_022133	1000	150	0	3 I	within gene(s) PMM1400;
1346398 -	TSS_022139	1000	305	0	15 I	within gene(s) PMM1400;
1346413 -	TSS_022143	1000	168	0	6 I	within gene(s) PMM1400;
1346865 -	TSS_022147	1000	38541	0	2 P	239nt upstream of gene PMM1400;
1346985 +	TSS_009478	1000	1282	0	0 P	146nt upstream of gene PMM1401;
1347056 +	TSS_009479	1000	158	0	0 P	75nt upstream of gene PMM1401;
1347808 +	TSS_009482	1000	185	0	2 P	21nt upstream of gene PMM1402;
1350449 -	TSS_022157	1000	384	0	2 P	81nt upstream of gene PMM1404;
1351013 -	TSS_022159	1000	548	0	4 P	26nt upstream of gene PMM1405;
1352055 -	TSS_022163	1000	361	0	0 P	24nt upstream of gene PMM1408;
1352429 -	TSS_022164	1000	1277	0	2 P	18nt upstream of gene PMM1409;
1353625 -	TSS_022173	1000	256	0	7 O	-
1353716 -	TSS_022177	1000	1380	0	1 O	-
1354656 +	TSS_009501	1000	960	0	1 P	26nt upstream of gene PMM1412;
1354742 +	TSS_009503	1000	141	0	9 I	within gene(s) PMM1412;
1354868 +	TSS_009516	1000	129	0	17 I	within gene(s) PMM1412;
1355165 +	TSS_009521	1000	970	0	3 P	17nt upstream of gene PMM1413;
1355765 +	TSS_009529	1000	116	0	1 IP	within gene(s) PMM1414; 230nt upstream of gene PMM1415;
1356437 -	TSS_022186	1000	273	0	0 Ai	antisense to gene(s) PMM1415;
1358219 +	TSS_009547	1000	112	0	2 I	within gene(s) PMM1416;
1358428 -	TSS_022195	1000	114	0	1 Ai	antisense to gene(s) PMM1416;
1358652 +	TSS_009554	1000	675	0	1 I	within gene(s) PMM1416;
1358898 -	TSS_022197	1000	403	0	0 Ai	antisense to gene(s) PMM1416;
1359128 -	TSS_022199	1000	130	0	0 Ai	antisense to gene(s) PMM1416;
1359810 -	TSS_022204	1000	407	0	1 Ai	antisense to gene(s) PMM1416;
1359899 -	TSS_022211	1000	361	0	7 O	-
1360152 +	TSS_009564	1000	113	0	1 O	-

1360185 -	TSS_022214	1000	10601	0	2 O	-
1362875 +	TSS_009575	1000	187	0	0 Ai	antisense to gene(s) PMM1421 PMM1422;
1363264 -	TSS_022221	1000	252	0	0 I	within gene(s) PMM1422;
1363417 -	TSS_022222	1000	141	0	0 P	27nt upstream of gene PMM1422;
1364219 -	TSS_022223	1000	111	0	12 P	69nt upstream of gene PMM1424;
1364352 -	TSS_022229	1000	1567	0	1 P	202nt upstream of gene PMM1424;
1364483 +	TSS_009579	1000	152	0	0 O	-
1366150 -	TSS_022234	1000	144	0	2 Ai	antisense to gene(s) PMM1425;
1366222 -	TSS_022236	1000	242	0	0 Ai	antisense to gene(s) PMM1425;
1367120 +	TSS_009587	1000	132	0	0 P	6nt upstream of gene PMM1427;
1367587 +	TSS_009590	1000	238	0	1 P	92nt upstream of gene PMM1428;
1369959 +	TSS_009596	1000	183	0	4 I	within gene(s) PMM1432;
1370154 -	TSS_022246	1000	107	0	0 Ai	antisense to gene(s) PMM1432;
1371646 +	TSS_009605	1000	896	0	4 P	31nt upstream of gene PMM1434;
1371875 +	TSS_009609	1000	175	0	10 I	within gene(s) PMM1434;
1372149 -	TSS_022253	1000	1739	0	2 Ai	antisense to gene(s) PMM1434;
1372986 +	TSS_009622	1000	141	0	0 I	within gene(s) PMM1434;
1373308 +	TSS_009626	1000	1295	0	4 P	17nt upstream of gene PMM1435;
1373532 +	TSS_009629	1000	513	0	1 I	within gene(s) PMM1435;
1373670 +	TSS_009632	1000	203	0	2 Ai	antisense to gene(s) PMM1436;
1373679 +	TSS_009633	1000	1833	0	0 Ai	antisense to gene(s) PMM1436;
1373844 +	TSS_009635	1000	717	0	1 Ai	antisense to gene(s) PMM1436;
1373856 +	TSS_009636	1000	383	0	0 Ai	antisense to gene(s) PMM1436;
1373858 -	TSS_022261	1000	136	0	0 I	within gene(s) PMM1436;
1373890 -	TSS_022265	1000	184	0	12 I	within gene(s) PMM1436;
1373898 +	TSS_009637	1000	277	0	0 Ai	antisense to gene(s) PMM1436;
1373900 -	TSS_022267	1000	181	0	2 I	within gene(s) PMM1436;
1373912 -	TSS_022270	1000	388	0	16 I	within gene(s) PMM1436;
1373925 +	TSS_009638	1000	128	0	0 Ai	antisense to gene(s) PMM1436;
1373945 -	TSS_022278	1000	111	0	3 I	within gene(s) PMM1436;
1373993 -	TSS_022282	1000	191	0	3 I	within gene(s) PMM1436;
1374014 -	TSS_022285	1000	241	0	14 I	within gene(s) PMM1436;
1374056 -	TSS_022295	1000	335	0	27 I	within gene(s) PMM1436;
1374134 -	TSS_022303	1000	272	0	0 I	within gene(s) PMM1436;
1374185 -	TSS_022315	1000	413	0	36 I	within gene(s) PMM1436;
1374224 -	TSS_022320	1000	640	0	9 I	within gene(s) PMM1436;
1374229 +	TSS_009643	1000	1059	0	0 Ai	antisense to gene(s) PMM1436;
1374236 +	TSS_009644	1000	160	0	0 Ai	antisense to gene(s) PMM1436;
1374253 +	TSS_009646	1000	542	0	1 Ai	antisense to gene(s) PMM1436;
1374254 -	TSS_022327	1000	591	0	15 I	within gene(s) PMM1436;
1374273 +	TSS_009647	1000	226	0	0 Ai	antisense to gene(s) PMM1436;
1374296 -	TSS_022338	1000	727	0	24 I	within gene(s) PMM1436;
1374323 -	TSS_022344	1000	572	0	27 I	within gene(s) PMM1436;
1374347 -	TSS_022352	1000	209	0	6 I	within gene(s) PMM1436;
1374365 -	TSS_022355	1000	169	0	3 I	within gene(s) PMM1436;
1374386 -	TSS_022358	1000	218	0	6 I	within gene(s) PMM1436;
1374404 -	TSS_022361	1000	479	0	12 I	within gene(s) PMM1436;
1374444 +	TSS_009651	1000	410	0	4 Ai	antisense to gene(s) PMM1436;
1374445 -	TSS_022369	1000	675	0	60 I	within gene(s) PMM1436;
1374468 +	TSS_009653	1000	158	0	0 Ai	antisense to gene(s) PMM1436;
1374509 -	TSS_022388	1000	224	0	12 I	within gene(s) PMM1436;
1374560 -	TSS_022401	1000	238	0	51 I	within gene(s) PMM1436;
1374596 -	TSS_022408	1000	204	0	12 I	within gene(s) PMM1436;
1374643 -	TSS_022412	1000	161	0	6 I	within gene(s) PMM1436;
1374653 -	TSS_022414	1000	230	0	0 I	within gene(s) PMM1436;
1374662 -	TSS_022415	1000	214	0	3 I	within gene(s) PMM1436;
1374674 -	TSS_022417	1000	252	0	3 I	within gene(s) PMM1436;
1374675 +	TSS_009659	1000	116	0	2 Ai	antisense to gene(s) PMM1436;
1374692 -	TSS_022421	1000	635	0	12 I	within gene(s) PMM1436;
1374706 +	TSS_009661	1000	282	0	0 Ai	antisense to gene(s) PMM1436;
1374707 -	TSS_022425	1000	136	0	0 I	within gene(s) PMM1436;
1374722 -	TSS_022426	1000	203	0	0 I	within gene(s) PMM1436;
1374752 -	TSS_022429	1000	616	0	31 I	within gene(s) PMM1436;
1374806 -	TSS_022443	1000	2357	0	30 I	within gene(s) PMM1436;
1374836 -	TSS_022449	1000	122	1.10E-08	0 I	within gene(s) PMM1436;
1374851 -	TSS_022451	1000	483	0	9 I	within gene(s) PMM1436;
1374887 +	TSS_009662	1000	392	0	0 Ai	antisense to gene(s) PMM1436;
1374911 -	TSS_022469	1000	406	0	60 I	within gene(s) PMM1436;
1374953 -	TSS_022478	1000	232	0	21 I	within gene(s) PMM1436;
1374974 -	TSS_022483	1000	154	0	15 I	within gene(s) PMM1436;
1375031 -	TSS_022493	1000	221	0	21 I	within gene(s) PMM1436;
1375038 +	TSS_009664	1000	501	0	0 Ai	antisense to gene(s) PMM1436;
1375058 -	TSS_022499	1000	573	0	1 I	within gene(s) PMM1436;
1375076 -	TSS_022502	1000	113	0	9 I	within gene(s) PMM1436;
1375139 -	TSS_022505	1000	165	0	6 I	within gene(s) PMM1436;
1375217 -	TSS_022514	1000	291	0	12 I	within gene(s) PMM1436;
1375244 -	TSS_022519	1000	236	0	15 I	within gene(s) PMM1436;
1375257 +	TSS_009668	1000	3530	0	1 Ai	antisense to gene(s) PMM1436;
1375334 -	TSS_022523	1000	241	0	0 IP	within gene(s) PMM1437; 60nt upstream of gene PMM1436;



1388096 -	TSS_022844	1000	116	0	0 I	within gene(s) PMM1451;
1388119 -	TSS_022845	1000	127	0	0 I	within gene(s) PMM1451;
1388140 -	TSS_022847	1000	639	0	12 I	within gene(s) PMM1451;
1388164 -	TSS_022850	1000	326	0	6 I	within gene(s) PMM1451;
1388180 +	TSS_009904	1000	775	0	6 Ai	antisense to gene(s) PMM1451;
1388188 -	TSS_022856	1000	485	0	18 I	within gene(s) PMM1451;
1388209 -	TSS_022860	1000	188	0	7 I	within gene(s) PMM1451;
1388224 -	TSS_022862	1000	384	0	6 I	within gene(s) PMM1451;
1388251 -	TSS_022865	1000	204	0	1 I	within gene(s) PMM1451;
1388308 -	TSS_022881	1000	571	0	49 I	within gene(s) PMM1451;
1388326 -	TSS_022883	1000	454	0	0 I	within gene(s) PMM1451;
1388338 -	TSS_022885	1000	197	0	7 I	within gene(s) PMM1451;
1388346 +	TSS_009909	1000	193	0	1 Ai	antisense to gene(s) PMM1451;
1388353 -	TSS_022889	1000	123	0	0 I	within gene(s) PMM1451;
1388350 -	TSS_022904	1000	374	0	9 I	within gene(s) PMM1451;
1388669 -	TSS_022915	1000	3658	0	8 IP	within gene(s) PMM1452; 88nt upstream of gene PMM1451;
1388726 -	TSS_022922	1000	189	0	9 IP	within gene(s) PMM1452; 145nt upstream of gene PMM1451;
1388825 -	TSS_022925	1000	302	0	3 IP	within gene(s) PMM1452; 244nt upstream of gene PMM1451;
1389346 -	TSS_022943	1000	1030	0	13 IP	within gene(s) PMM1453; 191nt upstream of gene PMM1452;
1389389 +	TSS_009916	1000	138	0	9 Ai	antisense to gene(s) PMM1453;
1390725 -	TSS_022970	1000	160	0	0 I	within gene(s) PMM1456;
1390773 -	TSS_022973	1000	120	0	2 I	within gene(s) PMM1456;
1390805 -	TSS_022976	1000	190	0	15 I	within gene(s) PMM1456;
1391900 -	TSS_023018	1000	173	0	1 P	44nt upstream of gene PMM1457;
1392904 -	TSS_023021	1000	132	0	0 Ai	antisense to gene(s) PMM1458;
1393119 +	TSS_009926	1000	114	0	0 I	within gene(s) PMM1458;
1393186 +	TSS_009927	1000	414	0	0 I	within gene(s) PMM1458;
1393368 +	TSS_009929	1000	1342	0	1 P	69nt upstream of gene PMM1459;
1393733 +	TSS_009934	1000	101	0	0 I	within gene(s) PMM1459;
1395953 +	TSS_009937	1000	1201	0	1 P	14nt upstream of gene PMM1462;
1396223 +	TSS_009945	1000	3110	0	4 P	14nt upstream of gene PMM1463;
1397666 +	TSS_009961	1000	2452	0	2 P	16nt upstream of gene PMM1465;
1398489 +	TSS_009981	1000	176	0	9 I	within gene(s) PMM1465;
1398534 +	TSS_009986	1000	107	0	1 I	within gene(s) PMM1465;
1401712 -	TSS_023039	1000	107	0	0 I	within gene(s) PMM1467;
1403187 -	TSS_023044	1000	1071	0	1 P	46nt upstream of gene PMM1467;
1411576 -	TSS_023074	1000	8556	0	10 P	17nt upstream of gene PMM1479;
1412048 +	TSS_010017	1000	228	0	0 Ai	antisense to gene(s) PMM1480;
1412609 -	TSS_023081	1000	345	0	0 P	161nt upstream of gene PMM1480;
1413912 +	TSS_010021	1000	538	0	0 O	-
1414000 +	TSS_010023	1000	104	0	0 Ai	antisense to gene(s) PMM1483;
1414077 -	TSS_023094	1000	112	0	1 IP	within gene(s) PMM1483; 184nt upstream of gene PMM1482;
1414293 -	TSS_023100	1000	136	0	1 I	within gene(s) PMM1483;
1414327 +	TSS_010027	1000	127	0	7 Ai	antisense to gene(s) PMM1483;
1414329 -	TSS_023105	1000	111	0	0 I	within gene(s) PMM1483;
1414401 -	TSS_023115	1000	142	0	3 I	within gene(s) PMM1483;
1414437 -	TSS_023121	1000	196	0	6 I	within gene(s) PMM1483;
1414482 -	TSS_023126	1000	194	0	15 I	within gene(s) PMM1483;
1414653 -	TSS_023138	1000	288	0	12 I	within gene(s) PMM1483;
1414707 -	TSS_023147	1000	113	0	15 I	within gene(s) PMM1483;
1414911 -	TSS_023166	1000	141	0	15 I	within gene(s) PMM1483;
1414936 +	TSS_010038	1000	199	0	0 Ai	antisense to gene(s) PMM1483;
1414968 -	TSS_023172	1000	681	0	10 I	within gene(s) PMM1483;
1414998 -	TSS_023177	1000	135	0	21 I	within gene(s) PMM1483;
1415040 -	TSS_023184	1000	188	0	0 I	within gene(s) PMM1483;
1415079 -	TSS_023185	1000	137	0	3 I	within gene(s) PMM1483;
1415124 -	TSS_023189	1000	135	0	1 I	within gene(s) PMM1483;
1415133 -	TSS_023191	1000	303	0	19 I	within gene(s) PMM1483;
1415169 -	TSS_023197	1000	258	0	12 I	within gene(s) PMM1483;
1415199 -	TSS_023203	1000	281	0	7 I	within gene(s) PMM1483;
1415214 -	TSS_023205	1000	124	0	4 I	within gene(s) PMM1483;
1415226 +	TSS_010044	1000	199	0	0 Ai	antisense to gene(s) PMM1483;
1415400 -	TSS_023217	1000	506	0	12 I	within gene(s) PMM1483;
1415466 -	TSS_023227	1000	239	0	18 I	within gene(s) PMM1483;
1415715 +	TSS_010047	1000	187	0	0 Ai	antisense to gene(s) PMM1483;
1415901 -	TSS_023248	1000	125	0	15 I	within gene(s) PMM1483;
1415907 +	TSS_010050	1000	605	0	2 Ai	antisense to gene(s) PMM1483;
1415943 -	TSS_023254	1000	122	0	0 I	within gene(s) PMM1483;
1415974 +	TSS_010052	1000	116	0	0 Ai	antisense to gene(s) PMM1483;
1415981 -	TSS_023256	1000	113	0	0 I	within gene(s) PMM1483;
1416012 -	TSS_023261	1000	298	0	18 I	within gene(s) PMM1483;
1416036 -	TSS_023266	1000	375	0	30 I	within gene(s) PMM1483;
1416081 -	TSS_023280	1000	296	0	42 I	within gene(s) PMM1483;
1416227 -	TSS_023296	1000	244	0	1 I	within gene(s) PMM1483;
1416255 -	TSS_023300	1000	163	0	39 I	within gene(s) PMM1483;
1416383 +	TSS_010059	1000	135	0	0 Ai	antisense to gene(s) PMM1483;
1416401 +	TSS_010060	1000	444	0	0 Ai	antisense to gene(s) PMM1483;
1416408 -	TSS_023319	1000	108	0	19 I	within gene(s) PMM1483;
1416430 +	TSS_010062	1000	878	0	6 Ai	antisense to gene(s) PMM1483;

1416495 -	TSS_023332	1000	166	0	0 I	within gene(s) PMM1483;
1416518 +	TSS_010065	1000	152	0	0 Ai	antisense to gene(s) PMM1483;
1416930 -	TSS_023365	1000	137	0	0 I	within gene(s) PMM1483;
1416931 +	TSS_010071	1000	200	0	0 Ai	antisense to gene(s) PMM1483;
1416963 -	TSS_023370	1000	119	0	6 I	within gene(s) PMM1483;
1416988 +	TSS_010072	1000	137	0	0 Ai	antisense to gene(s) PMM1483;
1416999 -	TSS_023376	1000	2663	0	15 I	within gene(s) PMM1483;
1417014 -	TSS_023382	1000	190	0	0 I	within gene(s) PMM1483;
1417047 +	TSS_010074	1000	127	0	1 Ai	antisense to gene(s) PMM1483;
1417062 -	TSS_023388	1000	317	0	10 I	within gene(s) PMM1483;
1417098 -	TSS_023392	1000	195	0	9 I	within gene(s) PMM1483;
1417128 -	TSS_023396	1000	308	0	0 I	within gene(s) PMM1483;
1417253 +	TSS_010076	1000	197	0	0 Ai	antisense to gene(s) PMM1483;
1417319 +	TSS_010080	1000	281	0	7 Ai	antisense to gene(s) PMM1483;
1417332 +	TSS_010082	1000	275	0	0 Ai	antisense to gene(s) PMM1483;
1417470 -	TSS_023435	1000	118	0	0 I	within gene(s) PMM1483;
1417512 -	TSS_023442	1000	172	0	30 I	within gene(s) PMM1483;
1417554 -	TSS_023451	1000	183	0	3 I	within gene(s) PMM1483;
1417887 -	TSS_023478	1000	317	0	9 I	within gene(s) PMM1483;
1418150 +	TSS_010089	1000	1074	0	0 Ai	antisense to gene(s) PMM1484;
1418301 +	TSS_010096	1000	208	0	0 Ai	antisense to gene(s) PMM1484;
1418436 -	TSS_023508	1000	112	0	0 I	within gene(s) PMM1484;
1418469 -	TSS_023513	1000	208	0	18 I	within gene(s) PMM1484;
1418489 +	TSS_010097	1000	681	0	4 Ai	antisense to gene(s) PMM1484;
1418507 +	TSS_010099	1000	1756	0	1 Ai	antisense to gene(s) PMM1484;
1418673 -	TSS_023526	1000	139	0	14 I	within gene(s) PMM1484;
1418723 -	TSS_023534	1000	203	0	23 I	within gene(s) PMM1484;
1418763 -	TSS_023541	1000	206	0	6 I	within gene(s) PMM1484;
1418780 +	TSS_010103	1000	382	0	2 Ai	antisense to gene(s) PMM1484;
1418902 +	TSS_010107	1000	206	0	4 Ai	antisense to gene(s) PMM1484;
1418919 -	TSS_023554	1000	150	0	4 I	within gene(s) PMM1484;
1418948 -	TSS_023556	1000	190	0	2 I	within gene(s) PMM1484;
1418994 -	TSS_023565	1000	334	0	45 I	within gene(s) PMM1484;
1419034 +	TSS_010111	1000	430	0	9 Ai	antisense to gene(s) PMM1484;
1419062 +	TSS_010113	1000	178	0	0 Ai	antisense to gene(s) PMM1484;
1419177 -	TSS_023576	1000	433	0	17 I	within gene(s) PMM1484;
1419214 +	TSS_010114	1000	426	0	0 Ai	antisense to gene(s) PMM1484;
1419222 -	TSS_023587	1000	238	0	0 I	within gene(s) PMM1484;
1419267 -	TSS_023595	1000	851	0	5 I	within gene(s) PMM1484;
1419332 +	TSS_010115	1000	124	0	0 Ai	antisense to gene(s) PMM1484;
1419537 -	TSS_023610	1000	102	0	3 I	within gene(s) PMM1484;
1419648 +	TSS_010121	1000	612	0	0 Ai	antisense to gene(s) PMM1484;
1419651 -	TSS_023614	1000	685	0	12 I	within gene(s) PMM1484;
1419666 -	TSS_023620	1000	388	0	28 I	within gene(s) PMM1484;
1419730 +	TSS_010123	1000	494	0	0 Ai	antisense to gene(s) PMM1484;
1419792 -	TSS_023637	1000	147	0	3 I	within gene(s) PMM1484;
1419819 -	TSS_023641	1000	223	0	0 I	within gene(s) PMM1484;
1419883 +	TSS_010127	1000	443	0	1 Ai	antisense to gene(s) PMM1484;
1420037 -	TSS_023652	1000	236	0	1 IP	within gene(s) PMM1485; 56nt upstream of gene PMM1484;
1420066 -	TSS_023656	1000	128	0	9 IP	within gene(s) PMM1485; 85nt upstream of gene PMM1484;
1420171 -	TSS_023668	1000	273	0	10 IP	within gene(s) PMM1485; 190nt upstream of gene PMM1484;
1420202 -	TSS_023673	1000	158	0	3 IP	within gene(s) PMM1485; 221nt upstream of gene PMM1484;
1420412 -	TSS_023686	1000	200	0	7 I	within gene(s) PMM1485;
1420518 +	TSS_010131	1000	226	0	2 Ai	antisense to gene(s) PMM1485;
1420690 +	TSS_010134	1000	121	0	0 Ai	antisense to gene(s) PMM1485;
1420706 -	TSS_023707	1000	550	0	0 I	within gene(s) PMM1485;
1420720 +	TSS_010137	1000	563	0	4 Ai	antisense to gene(s) PMM1485;
1420736 -	TSS_023708	1000	158	0	0 I	within gene(s) PMM1485;
1420845 +	TSS_010142	1000	147	0	3 Ai	antisense to gene(s) PMM1485;
1420925 -	TSS_023721	1000	111	0	3 I	within gene(s) PMM1485;
1420978 -	TSS_023724	1000	124	0	0 I	within gene(s) PMM1485;
1421000 -	TSS_023726	1000	127	0	6 I	within gene(s) PMM1485;
1421015 +	TSS_010147	1000	248	0	3 Ai	antisense to gene(s) PMM1485;
1421414 -	TSS_023748	1000	103	0	13 I	within gene(s) PMM1485;
1421475 +	TSS_010149	1000	132	0	0 Ai	antisense to gene(s) PMM1485;
1421499 +	TSS_010150	1000	170	0	0 Ai	antisense to gene(s) PMM1485;
1421567 +	TSS_010151	1000	125	0	0 Ai	antisense to gene(s) PMM1485;
1421594 -	TSS_023756	1000	197	0	4 I	within gene(s) PMM1485;
1421612 -	TSS_023759	1000	303	0	19 I	within gene(s) PMM1485;
1421688 +	TSS_010153	1000	426	0	1 Ai	antisense to gene(s) PMM1485;
1421690 -	TSS_023769	1000	124	0	0 I	within gene(s) PMM1485;
1421699 +	TSS_010157	1000	107	0	3 Ai	antisense to gene(s) PMM1485;
1422014 -	TSS_023780	1000	158	0	12 I	within gene(s) PMM1485;
1422142 +	TSS_010163	1000	350	0	0 Ai	antisense to gene(s) PMM1485;
1422371 -	TSS_023801	1000	122	0	3 I	within gene(s) PMM1485;
1422611 -	TSS_023807	1000	131	0	3 I	within gene(s) PMM1485;
1422752 -	TSS_023812	1000	324	0	2 I	within gene(s) PMM1485;
1422856 -	TSS_023814	1000	580	0	0 I	within gene(s) PMM1485;
1423046 -	TSS_023817	1000	117	0	0 I	within gene(s) PMM1485;

1423524 -	TSS_023822	1000	778	0	5 P	211nt upstream of gene PMM1485;
1423961 +	TSS_010170	1000	380	0	1 Ai	antisense to gene(s) PMM1486;
1424666 -	TSS_023832	1000	208	0	6 P	20nt upstream of gene PMM1487;
1426785 -	TSS_023852	1000	576	0	3 P	38nt upstream of gene PMM1489;
1427278 +	TSS_010185	1000	271	0	2 Ai	antisense to gene(s) PMM1490;
1428507 +	TSS_010187	1000	254	0	0 IP	within gene(s) PMM1491; 98nt upstream of gene PMM1492;
1428986 +	TSS_010196	1000	129	0	0 I	within gene(s) PMM1492;
1429041 -	TSS_023868	1000	120	0	0 Ai	antisense to gene(s) PMM1492;
1429590 +	TSS_010218	1000	297	0	9 I	within gene(s) PMM1492;
1429682 +	TSS_010225	1000	149	0	12 I	within gene(s) PMM1492;
1429712 +	TSS_010231	1000	235	0	10 I	within gene(s) PMM1492;
1429727 +	TSS_010235	1000	269	0	3 I	within gene(s) PMM1492;
1429742 +	TSS_010237	1000	255	0	1 I	within gene(s) PMM1492;
1431083 +	TSS_010259	1000	117	0	0 I	within gene(s) PMM1494;
1431142 +	TSS_010263	1000	649	0	7 I	within gene(s) PMM1494;
1431241 +	TSS_010267	1000	543	0	7 I	within gene(s) PMM1494;
1431352 +	TSS_010273	1000	130	0	1 I	within gene(s) PMM1494;
1431379 +	TSS_010275	1000	142	0	0 I	within gene(s) PMM1494;
1431397 +	TSS_010278	1000	105	0	6 I	within gene(s) PMM1494;
1431469 +	TSS_010282	1000	331	0	0 I	within gene(s) PMM1494;
1431481 +	TSS_010285	1000	471	0	3 I	within gene(s) PMM1494;
1431508 +	TSS_010289	1000	145	0	3 I	within gene(s) PMM1494;
1431529 +	TSS_010293	1000	312	0	12 I	within gene(s) PMM1494;
1431553 +	TSS_010295	1000	112	0	0 I	within gene(s) PMM1494;
1431808 +	TSS_010308	1000	122	0	6 I	within gene(s) PMM1494;
1431838 +	TSS_010309	1000	348	0	1 I	within gene(s) PMM1494;
1431862 +	TSS_010316	1000	160	0	21 I	within gene(s) PMM1494;
1431913 +	TSS_010325	1000	143	0	9 I	within gene(s) PMM1494;
1432697 -	TSS_023901	1000	189	0	0 Ai	antisense to gene(s) PMM1494;
1432963 +	TSS_010353	1000	183	0	1 I	within gene(s) PMM1494;
1432991 +	TSS_010357	1000	512	0	4 I	within gene(s) PMM1494;
1433023 +	TSS_010360	1000	771	0	7 I	within gene(s) PMM1494;
1433164 +	TSS_010364	1000	165	0	0 I	within gene(s) PMM1494;
1433296 +	TSS_010367	1000	322	0	0 I	within gene(s) PMM1494;
1433326 +	TSS_010368	1000	156	0	6 I	within gene(s) PMM1494;
1435445 +	TSS_010380	1000	138	0	0 I	within gene(s) PMM1496;
1436999 +	TSS_010384	1000	708	0	0 P	24nt upstream of gene PMM1498;
1437357 -	TSS_023917	1000	526	0	1 Ai	antisense to gene(s) PMM1498;
1438103 +	TSS_010415	1000	175	0	7 I	within gene(s) PMM1498;
1439023 -	TSS_023928	1000	771	0	0 I	within gene(s) PMM1499;
1439138 +	TSS_010424	1000	242	0	0 Ai	antisense to gene(s) PMM1500;
1439203 -	TSS_023931	1000	120	0	0 IP	within gene(s) PMM1500; 170nt upstream of gene PMM1499;
1439379 -	TSS_023937	1000	116	0	4 I	within gene(s) PMM1500;
1439399 +	TSS_010427	1000	145	0	0 Ai	antisense to gene(s) PMM1500;
1439422 -	TSS_023941	1000	130	0	0 I	within gene(s) PMM1500;
1439647 -	TSS_023953	1000	101	0	1 I	within gene(s) PMM1500;
1440282 -	TSS_023971	1000	1043	0	1 P	23nt upstream of gene PMM1500;
1440561 +	TSS_010434	1000	168	0	0 I	within gene(s) PMM1501;
1443305 +	TSS_010441	1000	1408	0	2 PAi	201nt upstream of gene PMM1504; antisense to gene(s) PMM1503;
1443593 -	TSS_023980	1000	551	0	0 PAi	140nt upstream of gene PMM1503; antisense to gene(s) PMM1504;
1446052 +	TSS_010448	1000	147	0	0 Ai	antisense to gene(s) PMM1507;
1446371 -	TSS_023996	1000	124	0	1 P	51nt upstream of gene PMM1507;
1446380 -	TSS_023999	1000	3710	0	8 P	60nt upstream of gene PMM1507;
1446495 -	TSS_024007	1000	112	0	15 IP	within gene(s) PMM1508; 175nt upstream of gene PMM1507;
1446507 +	TSS_010456	1000	181	0	2 Ai	antisense to gene(s) PMM1508;
1446537 -	TSS_024012	1000	184	0	1 IP	within gene(s) PMM1508; 217nt upstream of gene PMM1507;
1446580 +	TSS_010461	1000	354	0	0 Ai	antisense to gene(s) PMM1508;
1446684 -	TSS_024016	1000	206	0	7 I	within gene(s) PMM1508;
1446705 -	TSS_024018	1000	294	0	12 I	within gene(s) PMM1508;
1446732 -	TSS_024024	1000	183	0	12 I	within gene(s) PMM1508;
1446753 -	TSS_024028	1000	402	0	15 I	within gene(s) PMM1508;
1446789 -	TSS_024036	1000	143	0	12 I	within gene(s) PMM1508;
1446807 -	TSS_024039	1000	129	0	6 I	within gene(s) PMM1508;
1446814 +	TSS_010469	1000	403	0	6 Ai	antisense to gene(s) PMM1508;
1446816 -	TSS_024041	1000	163	0	1 I	within gene(s) PMM1508;
1446855 -	TSS_024048	1000	174	0	24 I	within gene(s) PMM1508;
1446894 -	TSS_024052	1000	125	0	1 I	within gene(s) PMM1508;
1446906 -	TSS_024054	1000	151	0	9 I	within gene(s) PMM1508;
1446963 -	TSS_024064	1000	149	0	15 I	within gene(s) PMM1508;
1446987 -	TSS_024065	1000	461	0	7 I	within gene(s) PMM1508;
1447023 -	TSS_024077	1000	800	0	27 I	within gene(s) PMM1508;
1447047 +	TSS_010471	1000	157	0	0 Ai	antisense to gene(s) PMM1508;
1447050 -	TSS_024082	1000	638	0	9 I	within gene(s) PMM1508;
1447058 +	TSS_010473	1000	2374	0	1 Ai	antisense to gene(s) PMM1508;
1447062 -	TSS_024083	1000	124	0	0 I	within gene(s) PMM1508;
1447079 +	TSS_010474	1000	501	0	0 Ai	antisense to gene(s) PMM1508;
1447086 -	TSS_024084	1000	3366	0	0 I	within gene(s) PMM1508;
1447098 -	TSS_024085	1000	1887	0	3 I	within gene(s) PMM1508;
1447116 -	TSS_024087	1000	131	0	0 I	within gene(s) PMM1508;

1447125 -	TSS_024088	1000	747	0	81 I	within gene(s) PMM1508;
1447224 +	TSS_010475	1000	228	0	0 Ai	antisense to gene(s) PMM1508;
1447254 -	TSS_024121	1000	130	0	30 I	within gene(s) PMM1508;
1447398 -	TSS_024134	1000	119	0	18 I	within gene(s) PMM1508;
1447433 -	TSS_024136	1000	245	0	0 I	within gene(s) PMM1508;
1447577 -	TSS_024151	1000	144	0	14 I	within gene(s) PMM1508;
1447617 -	TSS_024156	1000	121	0	0 I	within gene(s) PMM1508;
1447634 +	TSS_010481	1000	702	0	1 O	-
1447711 -	TSS_024157	1000	486	0	0 IP	within gene(s) PMM1509; 82nt upstream of gene PMM1508;
1447723 -	TSS_024159	1000	186	0	3 IP	within gene(s) PMM1509; 94nt upstream of gene PMM1508;
1447735 -	TSS_024161	1000	399	0	11 IP	within gene(s) PMM1509; 106nt upstream of gene PMM1508;
1447786 -	TSS_024166	1000	266	0	3 IP	within gene(s) PMM1509; 157nt upstream of gene PMM1508;
1447795 -	TSS_024167	1000	161	0	3 IP	within gene(s) PMM1509; 166nt upstream of gene PMM1508;
1447813 -	TSS_024169	1000	385	0	0 IP	within gene(s) PMM1509; 184nt upstream of gene PMM1508;
1447831 -	TSS_024170	1000	345	0	0 IP	within gene(s) PMM1509; 202nt upstream of gene PMM1508;
1447864 -	TSS_024173	1000	493	0	9 IP	within gene(s) PMM1509; 235nt upstream of gene PMM1508;
1447894 -	TSS_024175	1000	182	0	3 I	within gene(s) PMM1509;
1447903 -	TSS_024176	1000	112	0	0 I	within gene(s) PMM1509;
1448269 -	TSS_024190	1000	101	0	12 I	within gene(s) PMM1509;
1448310 -	TSS_024192	1000	275	0	3 I	within gene(s) PMM1509;
1448332 -	TSS_024194	1000	354	0	12 I	within gene(s) PMM1509;
1448434 -	TSS_024203	1000	241	0	6 I	within gene(s) PMM1509;
1448485 -	TSS_024210	1000	1197	0	42 I	within gene(s) PMM1509;
1448548 -	TSS_024223	1000	143	0	3 I	within gene(s) PMM1509;
1448767 -	TSS_024241	1000	273	0	9 I	within gene(s) PMM1509;
1448818 -	TSS_024251	1000	371	0	11 I	within gene(s) PMM1509;
1448845 -	TSS_024257	1000	110	0	6 I	within gene(s) PMM1509;
1448863 -	TSS_024260	1000	328	0	0 I	within gene(s) PMM1509;
1449130 -	TSS_024272	1000	134	0	15 I	within gene(s) PMM1509;
1449152 +	TSS_010495	1000	185	0	1 Ai	antisense to gene(s) PMM1509;
1449247 -	TSS_024282	1000	117	0	21 I	within gene(s) PMM1509;
1449559 -	TSS_024303	1000	125	0	6 I	within gene(s) PMM1509;
1449812 -	TSS_024308	1000	3344	0	5 P	64nt upstream of gene PMM1509;
1449934 +	TSS_010503	1000	104	0	0 Ai	antisense to gene(s) PMM1510;
1449943 +	TSS_010504	1000	200	0	0 Ai	antisense to gene(s) PMM1510;
1450004 +	TSS_010505	1000	286	0	4 Ai	antisense to gene(s) PMM1510;
1450080 -	TSS_024316	1000	140	0	9 I	within gene(s) PMM1510;
1450188 -	TSS_024326	1000	479	0	0 I	within gene(s) PMM1510;
1450209 -	TSS_024329	1000	263	0	4 I	within gene(s) PMM1510;
1450230 -	TSS_024332	1000	200	0	2 I	within gene(s) PMM1510;
1450257 -	TSS_024334	1000	167	0	0 I	within gene(s) PMM1510;
1450269 -	TSS_024335	1000	122	0	0 I	within gene(s) PMM1510;
1450367 -	TSS_024339	1000	134	0	1 IP	within gene(s) PMM1511; 44nt upstream of gene PMM1510;
1450427 -	TSS_024349	1000	1247	0	37 IP	within gene(s) PMM1511; 104nt upstream of gene PMM1510;
1450569 -	TSS_024363	1000	122	0	4 IP	within gene(s) PMM1511; 246nt upstream of gene PMM1510;
1450891 +	TSS_010509	1000	107	0	1 P	31nt upstream of gene PMM1512;
1450919 +	TSS_010511	1000	145	0	0 P	3nt upstream of gene PMM1512;
1454166 +	TSS_010541	1000	140	0	15 I	within gene(s) PMM1512;
1454543 +	TSS_010551	1000	176	0	0 I	within gene(s) PMM1512;
1454745 +	TSS_010553	1000	106	0	1 I	within gene(s) PMM1512;
1456713 -	TSS_024389	1000	2878	0	3 P	20nt upstream of gene PMM1514;
1459395 -	TSS_024395	1000	164	0	0 Ai	antisense to gene(s) PMM1518;
1459609 +	TSS_010568	1000	120	0	0 Ai	antisense to gene(s) PMM1519;
1459813 +	TSS_010571	1000	125	0	0 Ai	antisense to gene(s) PMM1519;
1459836 -	TSS_024398	1000	152	0	3 I	within gene(s) PMM1519;
1460021 -	TSS_024417	1000	139	0	1 I	within gene(s) PMM1519;
1460363 -	TSS_024431	1000	9060	0	3 P	15nt upstream of gene PMM1520;
1462056 +	TSS_010576	1000	473	0	0 Ai	antisense to gene(s) PMM1523;
1462103 -	TSS_024440	1000	193	0	10 I	within gene(s) PMM1523;
1462123 +	TSS_010579	1000	127	0	1 Ai	antisense to gene(s) PMM1523;
1462135 -	TSS_024443	1000	250	0	15 I	within gene(s) PMM1523;
1462153 -	TSS_024446	1000	502	0	24 I	within gene(s) PMM1523;
1462195 -	TSS_024458	1000	1412	0	18 I	within gene(s) PMM1523;
1462225 -	TSS_024467	1000	3184	0	17 I	within gene(s) PMM1523;
1462258 -	TSS_024474	1000	977	0	4 I	within gene(s) PMM1523;
1462266 +	TSS_010581	1000	260	0	0 Ai	antisense to gene(s) PMM1523;
1462270 -	TSS_024477	1000	1858	0	12 I	within gene(s) PMM1523;
1462291 -	TSS_024484	1000	8221	0	13 I	within gene(s) PMM1523;
1462301 +	TSS_010582	1000	139	0	0 Ai	antisense to gene(s) PMM1523;
1462312 -	TSS_024490	1000	611	0	1 I	within gene(s) PMM1523;
1462327 -	TSS_024491	1000	764	0	0 I	within gene(s) PMM1523;
1462339 -	TSS_024492	1000	505	0	0 I	within gene(s) PMM1523;
1462348 -	TSS_024493	1000	530	0	0 I	within gene(s) PMM1523;
1462369 -	TSS_024494	1000	422	0	0 I	within gene(s) PMM1523;
1462387 -	TSS_024495	1000	315	0	0 I	within gene(s) PMM1523;
1462416 -	TSS_024497	1000	9356	0	30 I	within gene(s) PMM1523;
1462468 -	TSS_024509	1000	286	0	6 I	within gene(s) PMM1523;
1462477 -	TSS_024510	1000	143	0	0 I	within gene(s) PMM1523;
1462492 -	TSS_024511	1000	209	0	0 I	within gene(s) PMM1523;

1462501 -	TSS_024513	1000	279	0	1 I	within gene(s) PMM1523;
1462519 -	TSS_024517	1000	544	0	9 I	within gene(s) PMM1523;
1462546 -	TSS_024518	1000	310	0	0 I	within gene(s) PMM1523;
1462555 -	TSS_024519	1000	245	0	2 I	within gene(s) PMM1523;
1462573 -	TSS_024523	1000	732	0	12 I	within gene(s) PMM1523;
1462603 -	TSS_024526	1000	160	0	6 I	within gene(s) PMM1523;
1462630 -	TSS_024528	1000	139	0	0 I	within gene(s) PMM1523;
1462639 -	TSS_024529	1000	378	0	2 I	within gene(s) PMM1523;
1462651 -	TSS_024531	1000	630	0	33 I	within gene(s) PMM1523;
1462696 -	TSS_024544	1000	299	0	6 I	within gene(s) PMM1523;
1462714 -	TSS_024546	1000	758	0	21 I	within gene(s) PMM1523;
1462747 -	TSS_024552	1000	258	0	3 I	within gene(s) PMM1523;
1462771 -	TSS_024559	1000	1904	0	33 I	within gene(s) PMM1523;
1462817 +	TSS_010588	1000	160	0	0 Ai	antisense to gene(s) PMM1523;
1462819 -	TSS_024566	1000	177	0	5 I	within gene(s) PMM1523;
1462831 -	TSS_024568	1000	164	0	0 I	within gene(s) PMM1523;
1462833 +	TSS_010590	1000	241	0	1 Ai	antisense to gene(s) PMM1523;
1462846 -	TSS_024572	1000	2476	0	6 I	within gene(s) PMM1523;
1462857 +	TSS_010591	1000	470	0	0 Ai	antisense to gene(s) PMM1523;
1462873 -	TSS_024578	1000	562	0	30 I	within gene(s) PMM1523;
1462918 -	TSS_024586	1000	213	0	18 I	within gene(s) PMM1523;
1462930 -	TSS_024588	1000	328	0	3 I	within gene(s) PMM1523;
1462947 -	TSS_024589	1000	678	0	1 I	within gene(s) PMM1523;
1462965 -	TSS_024593	1000	180	0	9 I	within gene(s) PMM1523;
1462981 -	TSS_024598	1000	644	0	25 I	within gene(s) PMM1523;
1463008 -	TSS_024603	1000	103	5.30E-06	0 I	within gene(s) PMM1523;
1463026 -	TSS_024604	1000	183	0	0 I	within gene(s) PMM1523;
1463062 -	TSS_024606	1000	545	0	13 I	within gene(s) PMM1523;
1463103 -	TSS_024616	1000	1212	0	12 I	within gene(s) PMM1523;
1463146 -	TSS_024626	1000	689	0	33 I	within gene(s) PMM1523;
1463155 -	TSS_024627	1000	138	0	0 I	within gene(s) PMM1523;
1463179 -	TSS_024628	1000	104	1.10E-07	0 I	within gene(s) PMM1523;
1463197 -	TSS_024632	1000	770	0	39 I	within gene(s) PMM1523;
1463251 -	TSS_024645	1000	325	0	30 I	within gene(s) PMM1523;
1463410 -	TSS_024658	1000	431	0	3 I	within gene(s) PMM1523;
1463421 +	TSS_010596	1000	107	0	0 Ai	antisense to gene(s) PMM1523;
1463428 -	TSS_024662	1000	163	0	33 I	within gene(s) PMM1523;
1463467 -	TSS_024672	1000	202	0	2 I	within gene(s) PMM1523;
1463485 -	TSS_024675	1000	142	0	3 I	within gene(s) PMM1523;
1463515 -	TSS_024679	1000	446	0	24 I	within gene(s) PMM1523;
1463537 +	TSS_010599	1000	170	0	1 Ai	antisense to gene(s) PMM1523;
1463545 -	TSS_024684	1000	471	0	3 I	within gene(s) PMM1523;
1463565 -	TSS_024691	1000	255	0	21 I	within gene(s) PMM1523;
1463595 -	TSS_024699	1000	208	0	15 I	within gene(s) PMM1523;
1463617 -	TSS_024705	1000	104	1.90E-09	0 I	within gene(s) PMM1523;
1463659 -	TSS_024713	1000	362	0	36 I	within gene(s) PMM1523;
1463677 -	TSS_024718	1000	447	0	3 I	within gene(s) PMM1523;
1463689 -	TSS_024721	1000	202	0	0 I	within gene(s) PMM1523;
1463698 -	TSS_024722	1000	247	0	9 I	within gene(s) PMM1523;
1463722 -	TSS_024725	1000	242	0	5 I	within gene(s) PMM1523;
1463734 -	TSS_024728	1000	159	0	3 I	within gene(s) PMM1523;
1463744 +	TSS_010601	1000	153	0	0 Ai	antisense to gene(s) PMM1523;
1463746 -	TSS_024731	1000	555	0	10 I	within gene(s) PMM1523;
1463763 -	TSS_024735	1000	156	0	0 I	within gene(s) PMM1523;
1463781 -	TSS_024737	1000	114	2.60E-14	2 I	within gene(s) PMM1523;
1463821 -	TSS_024741	1000	160	0	15 I	within gene(s) PMM1523;
1463829 +	TSS_010606	1000	544	0	1 Ai	antisense to gene(s) PMM1523;
1463857 -	TSS_024745	1000	905	0	3 I	within gene(s) PMM1523;
1463878 -	TSS_024750	1000	358	0	18 I	within gene(s) PMM1523;
1463899 -	TSS_024756	1000	576	0	6 I	within gene(s) PMM1523;
1463923 -	TSS_024758	1000	324	0	9 I	within gene(s) PMM1523;
1463941 -	TSS_024762	1000	179	0	6 I	within gene(s) PMM1523;
1463950 -	TSS_024763	1000	143	0	0 I	within gene(s) PMM1523;
1463951 +	TSS_010608	1000	230	0	1 Ai	antisense to gene(s) PMM1523;
1463962 -	TSS_024764	1000	248	0	0 I	within gene(s) PMM1523;
1464007 -	TSS_024766	1000	142	0	1 I	within gene(s) PMM1523;
1464180 -	TSS_024767	1000	467	0	0 IP	within gene(s) PMM1524; 47nt upstream of gene PMM1523;
1464188 -	TSS_024768	1000	462	0	0 IP	within gene(s) PMM1524; 55nt upstream of gene PMM1523;
1464233 -	TSS_024769	1000	1283	0	0 IP	within gene(s) PMM1524; 100nt upstream of gene PMM1523;
1464257 -	TSS_024770	1000	330	0	0 IP	within gene(s) PMM1524; 124nt upstream of gene PMM1523;
1464278 -	TSS_024776	1000	5371	0	10 IP	within gene(s) PMM1524; 145nt upstream of gene PMM1523;
1464296 -	TSS_024781	1000	869	0	9 IP	within gene(s) PMM1524; 163nt upstream of gene PMM1523;
1464314 -	TSS_024784	1000	1859	0	12 IP	within gene(s) PMM1524; 181nt upstream of gene PMM1523;
1464338 -	TSS_024791	1000	1965	0	4 IP	within gene(s) PMM1524; 205nt upstream of gene PMM1523;
1464356 -	TSS_024794	1000	372	0	0 IP	within gene(s) PMM1524; 223nt upstream of gene PMM1523;
1464382 +	TSS_010614	1000	129	0	7 Ai	antisense to gene(s) PMM1524;
1464383 -	TSS_024795	1000	366	0	0 IP	within gene(s) PMM1524; 250nt upstream of gene PMM1523;
1464397 -	TSS_024796	1000	373	0	4 I	within gene(s) PMM1524;
1464434 -	TSS_024799	1000	327	0	0 I	within gene(s) PMM1524;

1464464 -	TSS_024804	1000	883	0	12 I	within gene(s) PMM1524;
1464474 -	TSS_024806	1000	475	0	1 I	within gene(s) PMM1524;
1464503 -	TSS_024807	1000	1126	0	0 I	within gene(s) PMM1524;
1464512 -	TSS_024808	1000	1604	0	0 I	within gene(s) PMM1524;
1464527 -	TSS_024809	1000	901	0	9 I	within gene(s) PMM1524;
1464560 -	TSS_024812	1000	480	0	0 I	within gene(s) PMM1524;
1464569 +	TSS_010623	1000	131	0	1 Ai	antisense to gene(s) PMM1524;
1464575 -	TSS_024815	1000	3274	0	9 I	within gene(s) PMM1524;
1464596 -	TSS_024819	1000	508	0	1 I	within gene(s) PMM1524;
1464612 +	TSS_010624	1000	220	0	0 Ai	antisense to gene(s) PMM1524;
1464662 -	TSS_024828	1000	1456	0	36 I	within gene(s) PMM1524;
1464704 -	TSS_024841	1000	4983	0	84 I	within gene(s) PMM1524;
1464785 -	TSS_024871	1000	209	0	0 I	within gene(s) PMM1524;
1464806 -	TSS_024872	1000	627	0	6 I	within gene(s) PMM1524;
1464839 -	TSS_024874	1000	914	0	0 I	within gene(s) PMM1524;
1464848 -	TSS_024875	1000	144	6.30E-06	0 I	within gene(s) PMM1524;
1464869 -	TSS_024876	1000	201	0	0 I	within gene(s) PMM1524;
1464876 +	TSS_010626	1000	531	0	4 Ai	antisense to gene(s) PMM1524;
1464887 +	TSS_010629	1000	590	0	0 Ai	antisense to gene(s) PMM1524;
1464887 -	TSS_024877	1000	191	0	0 I	within gene(s) PMM1524;
1464911 -	TSS_024879	1000	158	0	6 I	within gene(s) PMM1524;
1464927 -	TSS_024882	1000	921	0	18 I	within gene(s) PMM1524;
1464959 +	TSS_010630	1000	1184	0	0 Ai	antisense to gene(s) PMM1524;
1464959 -	TSS_024889	1000	839	0	0 I	within gene(s) PMM1524;
1464968 -	TSS_024890	1000	1478	0	2 I	within gene(s) PMM1524;
1464980 -	TSS_024892	1000	125	0	0 I	within gene(s) PMM1524;
1465007 -	TSS_024894	1000	423	0	6 I	within gene(s) PMM1524;
1465017 +	TSS_010631	1000	188	0	0 Ai	antisense to gene(s) PMM1524;
1465031 -	TSS_024895	1000	169	0	0 I	within gene(s) PMM1524;
1465069 -	TSS_024896	1000	533	0	1 I	within gene(s) PMM1524;
1465079 -	TSS_024898	1000	304	0	15 I	within gene(s) PMM1524;
1465112 -	TSS_024908	1000	274	0	12 I	within gene(s) PMM1524;
1465113 +	TSS_010633	1000	1076	0	8 Ai	antisense to gene(s) PMM1524;
1465127 +	TSS_010637	1000	267	0	0 Ai	antisense to gene(s) PMM1524;
1465139 -	TSS_024912	1000	128	0	12 I	within gene(s) PMM1524;
1465140 +	TSS_010638	1000	130	0	0 Ai	antisense to gene(s) PMM1524;
1465157 -	TSS_024915	1000	301	0	12 I	within gene(s) PMM1524;
1465185 +	TSS_010642	1000	264	0	9 Ai	antisense to gene(s) PMM1524;
1465196 -	TSS_024920	1000	462	0	18 I	within gene(s) PMM1524;
1465197 +	TSS_010643	1000	377	0	6 Ai	antisense to gene(s) PMM1524;
1465286 -	TSS_024926	1000	337	0	27 I	within gene(s) PMM1524;
1465310 -	TSS_024935	1000	131	0	6 I	within gene(s) PMM1524;
1465322 -	TSS_024937	1000	146	0	0 I	within gene(s) PMM1524;
1465341 -	TSS_024940	1000	261	0	4 I	within gene(s) PMM1524;
1465363 -	TSS_024945	1000	934	0	30 I	within gene(s) PMM1524;
1465394 -	TSS_024955	1000	287	0	12 I	within gene(s) PMM1524;
1465412 -	TSS_024959	1000	431	0	0 I	within gene(s) PMM1524;
1465442 -	TSS_024964	1000	589	0	12 I	within gene(s) PMM1524;
1465453 -	TSS_024965	1000	408	0	1 I	within gene(s) PMM1524;
1465475 -	TSS_024967	1000	910	0	3 I	within gene(s) PMM1524;
1465524 +	TSS_010650	1000	117	0	5 Ai	antisense to gene(s) PMM1524;
1465553 -	TSS_024971	1000	370	0	3 I	within gene(s) PMM1524;
1465574 -	TSS_024975	1000	410	0	18 I	within gene(s) PMM1524;
1465592 -	TSS_024978	1000	152	0	0 I	within gene(s) PMM1524;
1465619 -	TSS_024985	1000	569	0	18 I	within gene(s) PMM1524;
1465640 -	TSS_024986	1000	496	0	0 I	within gene(s) PMM1524;
1465661 -	TSS_024992	1000	7318	0	21 I	within gene(s) PMM1524;
1465682 -	TSS_024997	1000	118	0	0 I	within gene(s) PMM1524;
1465694 -	TSS_025000	1000	390	0	10 I	within gene(s) PMM1524;
1465736 -	TSS_025004	1000	183	0	0 I	within gene(s) PMM1524;
1465769 -	TSS_025005	1000	129	0	0 I	within gene(s) PMM1524;
1465793 -	TSS_025008	1000	253	0	12 I	within gene(s) PMM1524;
1465843 -	TSS_025012	1000	319	0	1 I	within gene(s) PMM1524;
1465864 -	TSS_025017	1000	189	0	8 I	within gene(s) PMM1524;
1465874 -	TSS_025018	1000	186	0	0 I	within gene(s) PMM1524;
1465885 -	TSS_025019	1000	332	0	1 I	within gene(s) PMM1524;
1465907 -	TSS_025023	1000	219	0	15 I	within gene(s) PMM1524;
1465964 -	TSS_025030	1000	636	0	21 I	within gene(s) PMM1524;
1465998 +	TSS_010654	1000	276	0	0 Ai	antisense to gene(s) PMM1524;
1466014 -	TSS_025037	1000	202	0	12 I	within gene(s) PMM1524;
1466027 -	TSS_025041	1000	603	0	12 I	within gene(s) PMM1524;
1466034 +	TSS_010655	1000	136	0	0 Ai	antisense to gene(s) PMM1524;
1466051 -	TSS_025046	1000	175	0	3 I	within gene(s) PMM1524;
1466060 -	TSS_025047	1000	109	0	0 I	within gene(s) PMM1524;
1466114 -	TSS_025048	1000	1362	0	2 I	within gene(s) PMM1524;
1466147 -	TSS_025050	1000	140	0	3 I	within gene(s) PMM1524;
1466177 -	TSS_025054	1000	667	0	10 I	within gene(s) PMM1524;
1466180 +	TSS_010658	1000	2245	0	2 Ai	antisense to gene(s) PMM1524;
1466189 -	TSS_025055	1000	690	0	9 I	within gene(s) PMM1524;







1491011 -	TSS_026159	1000	154	0	0 Ai	antisense to gene(s) PMM1562;
1491067 +	TSS_010969	1000	416	0	6 I	within gene(s) PMM1562;
1491070 -	TSS_026160	1000	125	0	1 Ai	antisense to gene(s) PMM1562;
1491092 +	TSS_010970	1000	116	0	0 I	within gene(s) PMM1562;
1491099 -	TSS_026162	1000	106	0	0 Ai	antisense to gene(s) PMM1562;
1491112 +	TSS_010972	1000	183	0	6 I	within gene(s) PMM1562;
1491124 +	TSS_010974	1000	125	0	6 I	within gene(s) PMM1562;
1491478 +	TSS_011008	1000	254	0	36 I	within gene(s) PMM1562;
1491629 -	TSS_026167	1000	109	0	0 I	within gene(s) PMM1563;
1491832 -	TSS_026170	1000	171	0	2 P	14nt upstream of gene PMM1563;
1494281 +	TSS_011020	1000	254	0	0 Ai	antisense to gene(s) PMM1566;
1495329 +	TSS_011024	1000	1412	0	5 Ai	antisense to gene(s) PMM1566;
1495758 -	TSS_026182	1000	943	0	2 PAi	19nt upstream of gene PMM1566; antisense to gene(s) PMM1567;
1495801 -	TSS_026184	1000	197	0	0 PAi	62nt upstream of gene PMM1566; antisense to gene(s) PMM1567;
1496620 +	TSS_011028	1000	659	0	0 IAd	within gene(s) PMM1567; antisense to gene(s) PMM1568 (11nt downstream);
1496904 -	TSS_026194	1000	132	0	0 I	within gene(s) PMM1568;
1497016 -	TSS_026197	1000	7109	0	10 P	21nt upstream of gene PMM1568;
1499500 -	TSS_026211	1000	207	0	2 I	within gene(s) PMM1570;
1499641 -	TSS_026213	1000	215	0	0 P	35nt upstream of gene PMM1570;
1499646 +	TSS_011046	1000	219	0	11 P	71nt upstream of gene PMM1571;
1499680 -	TSS_026214	1000	139	0	0 P	74nt upstream of gene PMM1570;
1499710 +	TSS_011051	1000	194	0	0 P	7nt upstream of gene PMM1571;
1501198 +	TSS_011054	1000	122	0	0 Ai	antisense to gene(s) PMM1573;
1502320 -	TSS_026218	1000	132	0	0 I	within gene(s) PMM1574;
1503407 +	TSS_011059	1000	150	0	1 Ai	antisense to gene(s) PMM1575;
1504039 -	TSS_026250	1000	134	0	9 I	within gene(s) PMM1575;
1504888 -	TSS_026260	1000	119	0	0 I	within gene(s) PMM1575;
1504964 -	TSS_026261	1000	161	0	0 I	within gene(s) PMM1575;
1505706 -	TSS_026268	1000	339	0	0 I	within gene(s) PMM1575;
1508411 -	TSS_026278	1000	315	0	1 P	11nt upstream of gene PMM1577;
1508562 +	TSS_011073	1000	373	0	1 Ai	antisense to gene(s) PMM1578;
1508766 +	TSS_011074	1000	118	0	0 Ai	antisense to gene(s) PMM1578;
1508792 -	TSS_026290	1000	275	0	4 I	within gene(s) PMM1578;
1508833 -	TSS_026295	1000	403	0	11 I	within gene(s) PMM1578;
1508855 -	TSS_026302	1000	362	0	10 I	within gene(s) PMM1578;
1508882 -	TSS_026307	1000	115	0	3 P	Ont upstream of gene PMM1578;
1510763 -	TSS_026312	1000	109	0	0 I	within gene(s) PMM1580;
1511027 +	TSS_011079	1000	679	0	0 Ai	antisense to gene(s) PMM1580;
1512795 -	TSS_026320	1000	319	0	0 P	92nt upstream of gene PMM1581;
1513707 -	TSS_026324	1000	395	0	0 Ai	antisense to gene(s) PMM1582;
1513724 -	TSS_026325	1000	396	0	0 Ai	antisense to gene(s) PMM1582;
1514262 -	TSS_026327	1000	115	0	0 I	within gene(s) PMM1583;
1515544 -	TSS_026331	1000	617	0	1 I	within gene(s) PMM1585;
1518815 -	TSS_026347	1000	169	0	3 I	within gene(s) PMM1589;
1519244 -	TSS_026356	1000	735	0	1 P	24nt upstream of gene PMM1589;
1523570 -	TSS_026370	1000	1076	0	0 P	23nt upstream of gene PMM1594;
1524215 +	TSS_011115	1000	176	0	2 P	40nt upstream of gene PMM1596;
1525299 +	TSS_011129	1000	156	0	9 I	within gene(s) PMM1596;
1528833 -	TSS_026398	1000	187	0	2 P	16nt upstream of gene PMM1599;
1529156 -	TSS_026405	1000	178	0	3 I	within gene(s) PMM1600;
1529429 -	TSS_026418	1000	196	0	6 I	within gene(s) PMM1600;
1529501 -	TSS_026421	1000	314	0	0 I	within gene(s) PMM1600;
1529522 -	TSS_026422	1000	137	0	0 I	within gene(s) PMM1600;
1529573 -	TSS_026423	1000	217	0	6 I	within gene(s) PMM1600;
1530109 +	TSS_011152	1000	338	0	0 Ai	antisense to gene(s) PMM1600;
1530254 -	TSS_026444	1000	3740	0	2 P	27nt upstream of gene PMM1600;
1530284 -	TSS_026449	1000	228	0	1 P	57nt upstream of gene PMM1600;
1530378 +	TSS_011157	1000	10424	0	3 P	3nt upstream of gene PMM1601;
1530519 +	TSS_011161	1000	171	0	3 I	within gene(s) PMM1601;
1531203 -	TSS_026453	1000	104	0	1 Ai	antisense to gene(s) PMM1601;
1531400 -	TSS_026454	1000	280	0	0 Ai	antisense to gene(s) PMM1601;
1533693 -	TSS_026461	1000	141	0	3 I	within gene(s) PMM1602;
1533752 -	TSS_026464	1000	11649	0	8 P	14nt upstream of gene PMM1602;
1533794 -	TSS_026467	1000	1096	0	0 P	56nt upstream of gene PMM1602;
1534044 -	TSS_026470	1000	170	0	0 O	-
1534092 -	TSS_026472	1000	440	0	1 O	-
1534100 -	TSS_026474	1000	151	0	1 O	-
1534301 -	TSS_026480	1000	243	0	2 O	-
1535304 +	TSS_011236	1000	107	0	7 I	within gene(s) PMM1605;
1535492 -	TSS_026484	1000	139	0	0 PAi	224nt upstream of gene PMM1604; antisense to gene(s) PMM1605;
1537533 -	TSS_026497	1000	508	0	0 I	within gene(s) PMM1606;
1537744 +	TSS_011242	1000	372	0	0 Ai	antisense to gene(s) PMM1606;
1537968 -	TSS_026505	1000	125	0	3 IP	within gene(s) PMM1607; 222nt upstream of gene PMM1606;
1538040 -	TSS_026513	1000	126	0	7 I	within gene(s) PMM1607;
1538095 -	TSS_026519	1000	19583	0	13 P	22nt upstream of gene PMM1607;
1538226 +	TSS_011250	1000	168	0	0 IP	within gene(s) PMM1608; 231nt upstream of gene PMM1609;
1538236 +	TSS_011251	1000	117	0	0 IP	within gene(s) PMM1608; 221nt upstream of gene PMM1609;
1538256 +	TSS_011253	1000	129	0	0 IP	within gene(s) PMM1608; 201nt upstream of gene PMM1609;
1538307 +	TSS_011256	1000	184	0	0 IP	within gene(s) PMM1608; 150nt upstream of gene PMM1609;

1539467 +	TSS_011273	1000	2607	0	2 I	within gene(s) PMM1609;
1539568 +	TSS_011276	1000	622	0	2 IP	within gene(s) PMM1609; 176nt upstream of gene PMM1610;
1539778 -	TSS_026533	1000	1023	0	4 Ai	antisense to gene(s) PMM1610;
1539903 +	TSS_011283	1000	141	0	3 I	within gene(s) PMM1610;
1539930 +	TSS_011287	1000	406	0	9 I	within gene(s) PMM1610;
1539957 +	TSS_011289	1000	121	0	9 I	within gene(s) PMM1610;
1540053 +	TSS_011295	1000	162	0	6 I	within gene(s) PMM1610;
1540104 +	TSS_011300	1000	108	0	3 I	within gene(s) PMM1610;
1540526 -	TSS_026542	1000	124	0	1 Ai	antisense to gene(s) PMM1610;
1540533 +	TSS_011328	1000	238	0	9 I	within gene(s) PMM1610;
1540560 +	TSS_011330	1000	104	0	1 I	within gene(s) PMM1610;
1540599 +	TSS_011333	1000	230	0	4 I	within gene(s) PMM1610;
1540767 +	TSS_011337	1000	101	0	12 I	within gene(s) PMM1610;
1541079 +	TSS_011355	1000	142	0	0 I	within gene(s) PMM1610;
1541091 +	TSS_011356	1000	337	0	0 I	within gene(s) PMM1610;
1541109 +	TSS_011358	1000	248	0	2 I	within gene(s) PMM1610;
1541313 +	TSS_011365	1000	102	0	8 I	within gene(s) PMM1610;
1542021 +	TSS_011383	1000	167	0	3 Ai	antisense to gene(s) PMM1611;
1542045 -	TSS_026564	1000	222	0	12 I	within gene(s) PMM1611;
1542189 -	TSS_026576	1000	128	0	3 I	within gene(s) PMM1611;
1542336 -	TSS_026587	1000	185	0	9 I	within gene(s) PMM1611;
1542447 -	TSS_026596	1000	144	0	3 I	within gene(s) PMM1611;
1542801 -	TSS_026616	1000	170	0	0 I	within gene(s) PMM1611;
1542926 -	TSS_026625	1000	135	0	27 I	within gene(s) PMM1611;
1543254 -	TSS_026636	1000	2749	0	3 P	126nt upstream of gene PMM1611;
1543584 +	TSS_011393	1000	316	0	0 Ai	antisense to gene(s) PMM1613;
1543786 +	TSS_011394	1000	244	0	0 Ai	antisense to gene(s) PMM1613;
1546552 -	TSS_026650	1000	383	0	0 I	within gene(s) PMM1615;
1547526 +	TSS_011413	1000	139	0	0 Ai	antisense to gene(s) PMM1618;
1549170 -	TSS_026663	1000	120	0	6 IP	within gene(s) PMM1619; 227nt upstream of gene PMM1618;
1549210 -	TSS_026667	1000	131	0	0 I	within gene(s) PMM1619;
1549218 +	TSS_011421	1000	110	0	1 Ai	antisense to gene(s) PMM1619;
1549235 -	TSS_026668	1000	902	0	0 I	within gene(s) PMM1619;
1549500 -	TSS_026686	1000	172	0	12 I	within gene(s) PMM1619;
1549539 -	TSS_026688	1000	104	0	1 I	within gene(s) PMM1619;
1551244 +	TSS_011424	1000	138	0	2 Ai	antisense to gene(s) PMM1622;
1551407 -	TSS_026698	1000	130	0	1 IP	within gene(s) PMM1622; 205nt upstream of gene PMM1621;
1551449 -	TSS_026700	1000	132	0	0 IP	within gene(s) PMM1622; 247nt upstream of gene PMM1621;
1552273 -	TSS_026725	1000	2355	0	4 P	14nt upstream of gene PMM1622;
1552380 +	TSS_011431	1000	293	0	1 P	12nt upstream of gene PMM1623;
1552921 +	TSS_011440	1000	216	0	0 Ai	antisense to gene(s) PMM1624;
1553709 -	TSS_026736	1000	115	0	12 I	within gene(s) PMM1625;
1553802 -	TSS_026741	1000	168	0	3 I	within gene(s) PMM1625;
1553970 -	TSS_026754	1000	212	0	21 I	within gene(s) PMM1625;
1553991 -	TSS_026757	1000	312	0	9 I	within gene(s) PMM1625;
1554018 -	TSS_026764	1000	224	0	12 I	within gene(s) PMM1625;
1554027 -	TSS_026765	1000	200	0	12 I	within gene(s) PMM1625;
1554048 -	TSS_026770	1000	288	0	3 I	within gene(s) PMM1625;
1554065 +	TSS_011451	1000	493	0	4 Ai	antisense to gene(s) PMM1625;
1554069 -	TSS_026775	1000	116	0	7 I	within gene(s) PMM1625;
1554078 -	TSS_026776	1000	104	0	0 I	within gene(s) PMM1625;
1554099 -	TSS_026778	1000	171	0	6 I	within gene(s) PMM1625;
1554138 -	TSS_026788	1000	214	0	27 I	within gene(s) PMM1625;
1554156 -	TSS_026792	1000	155	0	12 I	within gene(s) PMM1625;
1554168 -	TSS_026794	1000	110	0	3 I	within gene(s) PMM1625;
1554183 -	TSS_026797	1000	340	0	72 I	within gene(s) PMM1625;
1554300 -	TSS_026818	1000	222	0	15 I	within gene(s) PMM1625;
1554387 -	TSS_026826	1000	101	0	6 I	within gene(s) PMM1625;
1554435 -	TSS_026830	1000	169	0	12 I	within gene(s) PMM1625;
1554450 -	TSS_026832	1000	228	0	3 I	within gene(s) PMM1625;
1554465 -	TSS_026836	1000	650	0	4 I	within gene(s) PMM1625;
1554486 -	TSS_026838	1000	143	0	2 I	within gene(s) PMM1625;
1554498 -	TSS_026841	1000	1080	0	15 I	within gene(s) PMM1625;
1554519 -	TSS_026847	1000	179	0	0 I	within gene(s) PMM1625;
1554538 +	TSS_011461	1000	121	0	0 Ai	antisense to gene(s) PMM1625;
1554543 -	TSS_026849	1000	522	0	28 I	within gene(s) PMM1625;
1554588 -	TSS_026859	1000	104	6.80E-13	3 I	within gene(s) PMM1625;
1554603 -	TSS_026862	1000	225	0	30 I	within gene(s) PMM1625;
1554651 -	TSS_026870	1000	119	0	0 I	within gene(s) PMM1625;
1554666 -	TSS_026871	1000	242	0	0 I	within gene(s) PMM1625;
1554678 -	TSS_026873	1000	129	0	6 I	within gene(s) PMM1625;
1554690 -	TSS_026875	1000	153	0	0 I	within gene(s) PMM1625;
1554708 -	TSS_026879	1000	479	0	32 I	within gene(s) PMM1625;
1554741 -	TSS_026888	1000	142	0	6 I	within gene(s) PMM1625;
1554856 -	TSS_026896	1000	5625	0	4 P	16nt upstream of gene PMM1625;
1554868 +	TSS_011463	1000	102	0	0 P	22nt upstream of gene PMM1626;
1557422 +	TSS_011476	1000	147	0	0 Ai	antisense to gene(s) PMM1629;
1557432 +	TSS_011478	1000	843	0	1 Ai	antisense to gene(s) PMM1629;
1557493 -	TSS_026913	1000	216	0	10 I	within gene(s) PMM1629;

1557508 -	TSS_026915	1000	131	0	0 I	within gene(s) PMM1629;
1557604 -	TSS_026927	1000	243	0	6 I	within gene(s) PMM1629;
1557658 -	TSS_026931	1000	160	0	0 I	within gene(s) PMM1629;
1557709 +	TSS_011482	1000	146	0	0 Ai	antisense to gene(s) PMM1629;
1557709 -	TSS_026934	1000	391	0	3 I	within gene(s) PMM1629;
1557730 -	TSS_026939	1000	145	0	24 I	within gene(s) PMM1629;
1557781 -	TSS_026948	1000	221	0	3 I	within gene(s) PMM1629;
1557793 -	TSS_026950	1000	117	0	0 I	within gene(s) PMM1629;
1557838 -	TSS_026954	1000	157	0	10 I	within gene(s) PMM1629;
1557985 -	TSS_026965	1000	263	0	9 I	within gene(s) PMM1629;
1558039 -	TSS_026970	1000	265	0	13 I	within gene(s) PMM1629;
1558072 -	TSS_026976	1000	250	0	7 I	within gene(s) PMM1629;
1558291 -	TSS_026980	1000	580	0	2 P	18nt upstream of gene PMM1629;
1558425 +	TSS_011487	1000	251	0	0 Ai	antisense to gene(s) PMM1630;
1558456 +	TSS_011488	1000	190	0	0 Ai	antisense to gene(s) PMM1630;
1558709 -	TSS_026987	1000	126	0	1 I	within gene(s) PMM1630;
1559126 -	TSS_027006	1000	292	0	1 I	within gene(s) PMM1630;
1559240 +	TSS_011496	1000	1185	0	4 Ai	antisense to gene(s) PMM1630;
1559402 -	TSS_027016	1000	157	0	4 I	within gene(s) PMM1630;
1559495 -	TSS_027025	1000	105	0	9 I	within gene(s) PMM1630;
1559513 -	TSS_027027	1000	111	0	0 I	within gene(s) PMM1630;
1559546 -	TSS_027029	1000	110	0	0 I	within gene(s) PMM1630;
1559756 -	TSS_027037	1000	6258	0	6 I	within gene(s) PMM1630;
1559776 -	TSS_027042	1000	207	0	4 I	within gene(s) PMM1630;
1559806 -	TSS_027046	1000	2345	0	3 P	23nt upstream of gene PMM1630;
1561053 -	TSS_027050	1000	281	0	6 IP	within gene(s) PMM1634; 197nt upstream of gene PMM1633;
1561061 -	TSS_027052	1000	7012	0	3 IP	within gene(s) PMM1634; 205nt upstream of gene PMM1633;
1561614 +	TSS_011506	1000	256	0	1 Ai	antisense to gene(s) PMM1634;
1561620 -	TSS_027081	1000	106	0	12 I	within gene(s) PMM1634;
1561701 +	TSS_011510	1000	292	0	2 Ai	antisense to gene(s) PMM1634;
1562007 -	TSS_027099	1000	105	0	3 I	within gene(s) PMM1634;
1562815 -	TSS_027128	1000	257	0	0 I	within gene(s) PMM1634;
1562872 -	TSS_027129	1000	772	0	2 P	52nt upstream of gene PMM1634;
1563062 -	TSS_027133	1000	108	0	2 PAi	242nt upstream of gene PMM1634; antisense to gene(s) PMM1635;
1563883 +	TSS_011523	1000	155	0	5 P	41nt upstream of gene PMM1636;
1563968 -	TSS_027136	1000	282	0	0 Ai	antisense to gene(s) PMM1636;
1564062 +	TSS_011526	1000	686	0	0 I	within gene(s) PMM1636;
1564123 -	TSS_027137	1000	623	0	0 Ai	antisense to gene(s) PMM1636;
1565022 -	TSS_027140	1000	153	0	0 Ai	antisense to gene(s) PMM1637;
1565055 -	TSS_027141	1000	199	0	0 Ai	antisense to gene(s) PMM1637;
1566190 -	TSS_027147	1000	177	0	0 Ai	antisense to gene(s) PMM1638;
1566861 +	TSS_011541	1000	209	0	0 Ai	antisense to gene(s) PMM1639;
1566981 +	TSS_011544	1000	107	0	0 Ai	antisense to gene(s) PMM1639;
1567157 +	TSS_011549	1000	206	0	7 Ai	antisense to gene(s) PMM1639;
1567175 -	TSS_027167	1000	173	0	12 I	within gene(s) PMM1639;
1567265 -	TSS_027180	1000	175	0	3 I	within gene(s) PMM1639;
1567784 -	TSS_027201	1000	117	0	9 I	within gene(s) PMM1639;
1567848 +	TSS_011556	1000	121	0	1 Ai	antisense to gene(s) PMM1639;
1567886 -	TSS_027211	1000	111	0	6 I	within gene(s) PMM1639;
1568020 -	TSS_027226	1000	200	0	24 I	within gene(s) PMM1639;
1568329 +	TSS_011558	1000	207	0	0 Ai	antisense to gene(s) PMM1639;
1569177 -	TSS_027291	1000	282	0	0 P	31nt upstream of gene PMM1639;
1569383 +	TSS_011566	1000	135	0	1 I	within gene(s) PMM1640;
1570531 -	TSS_027297	1000	2311	0	1 I	within gene(s) PMM1642;
1570615 -	TSS_027299	1000	317	0	0 I	within gene(s) PMM1642;
1570654 -	TSS_027300	1000	1679	0	4 P	17nt upstream of gene PMM1642;
1571379 -	TSS_027313	1000	117	0	0 P	16nt upstream of gene PMM1643;
1571555 -	TSS_027317	1000	121	0	4 IP	within gene(s) PMM1644; 192nt upstream of gene PMM1643;
1571567 -	TSS_027318	1000	124	0	0 IP	within gene(s) PMM1644; 204nt upstream of gene PMM1643;
1571578 -	TSS_027319	1000	128	0	0 IP	within gene(s) PMM1644; 215nt upstream of gene PMM1643;
1571608 -	TSS_027320	1000	168	0	0 IP	within gene(s) PMM1644; 245nt upstream of gene PMM1643;
1571739 +	TSS_011572	1000	175	0	0 P	14nt upstream of gene PMM1645;
1571777 +	TSS_011574	1000	254	0	1 I	within gene(s) PMM1645;
1576258 +	TSS_011583	1000	460	0	0 I	within gene(s) PMM1648;
1576861 +	TSS_011592	1000	562	0	2 I	within gene(s) PMM1648;
1578502 -	TSS_027340	1000	185	0	0 I	within gene(s) PMM1649;
1578931 -	TSS_027350	1000	136	0	6 I	within gene(s) PMM1649;
1580087 -	TSS_027370	1000	205	0	3 P	22nt upstream of gene PMM1649;
1580706 -	TSS_027382	1000	152	0	0 I	within gene(s) PMM1650;
1580887 -	TSS_027387	1000	1167	0	3 I	within gene(s) PMM1650;
1582153 +	TSS_011617	1000	110	0	0 Ai	antisense to gene(s) PMM1652;
1582233 -	TSS_027392	1000	314	0	18 I	within gene(s) PMM1652;
1582254 -	TSS_027397	1000	127	0	3 I	within gene(s) PMM1652;
1582484 +	TSS_011620	1000	195	0	0 Ai	antisense to gene(s) PMM1652;
1582766 -	TSS_027426	1000	243	0	1 I	within gene(s) PMM1652;
1582966 +	TSS_011625	1000	121	0	0 Ai	antisense to gene(s) PMM1652;
1583497 -	TSS_027460	1000	273	0	0 I	within gene(s) PMM1652;
1584409 -	TSS_027474	1000	3917	0	7 I	within gene(s) PMM1653;
1584725 +	TSS_011638	1000	144	0	1 Ai	antisense to gene(s) PMM1653;

1585023 -	TSS_027481	1000	1286	0	1 IP	within gene(s) PMM1654; 71nt upstream of gene PMM1653;
1586076 +	TSS_011647	1000	136	0	8 P	32nt upstream of gene PMM1655;
1587579 +	TSS_011659	1000	344	0	2 P	16nt upstream of gene PMM1656;
1587964 +	TSS_011671	1000	138	0	3 I	within gene(s) PMM1656;
1588301 +	TSS_011677	1000	1485	0	4 P	45nt upstream of gene PMM1657;
1588838 +	TSS_011689	1000	116	0	18 I	within gene(s) PMM1657;
1588914 +	TSS_011703	1000	150	0	24 I	within gene(s) PMM1657;
1588997 +	TSS_011708	1000	106	0	3 I	within gene(s) PMM1657;
1589048 +	TSS_011717	1000	685	0	12 I	within gene(s) PMM1657;
1590631 -	TSS_027496	1000	106	0	0 Ai	antisense to gene(s) PMM1658;
1594453 +	TSS_011747	1000	1115	0	4 P	19nt upstream of gene PMM1661;
1594701 +	TSS_011749	1000	525	0	0 I	within gene(s) PMM1662;
1596579 +	TSS_011758	1000	1420	0	2 P	30nt upstream of gene PMM1665;
1596903 +	TSS_011764	1000	118	0	18 I	within gene(s) PMM1665;
1597137 +	TSS_011782	1000	151	0	11 I	within gene(s) PMM1665;
1597361 -	TSS_027508	1000	106	0	0 Ai	antisense to gene(s) PMM1665;
1597536 +	TSS_011795	1000	142	0	7 I	within gene(s) PMM1665;
1597545 +	TSS_011797	1000	111	0	0 I	within gene(s) PMM1665;
1599261 -	TSS_027521	1000	424	0	0 P	34nt upstream of gene PMM1667;
1599320 -	TSS_027522	1000	292	0	0 P	93nt upstream of gene PMM1667;
1600936 +	TSS_011821	1000	355	0	1 Ai	antisense to gene(s) PMM1668;
1604240 -	TSS_027585	1000	323	0	0 IP	within gene(s) PMM1671; 236nt upstream of gene PMM1670;
1604740 -	TSS_027587	1000	461	0	2 P	24nt upstream of gene PMM1671;
1604757 +	TSS_011829	1000	346	0	12 I	within gene(s) PMM1672;
1604952 +	TSS_011837	1000	180	0	1 I	within gene(s) PMM1672;
1604976 +	TSS_011840	1000	128	0	9 I	within gene(s) PMM1672;
1605372 +	TSS_011854	1000	112	0	0 I	within gene(s) PMM1672;
1605445 +	TSS_011858	1000	158	0	4 I	within gene(s) PMM1672;
1605722 -	TSS_027591	1000	104	0	0 Ai	antisense to gene(s) PMM1672;
1605872 +	TSS_011868	1000	160	0	21 I	within gene(s) PMM1673;
1606251 +	TSS_011882	1000	161	0	2 P	15nt upstream of gene PMM1674;
1606665 +	TSS_011884	1000	124	0	0 I	within gene(s) PMM1674;
1607611 +	TSS_011889	1000	788	0	2 IP	within gene(s) PMM1674; 49nt upstream of gene PMM1675;
1607768 -	TSS_027596	1000	352	0	0 Ai	antisense to gene(s) PMM1675;
1609627 +	TSS_011898	1000	413	0	2 P	4nt upstream of gene PMM1676;
1611481 +	TSS_011901	1000	1938	0	1 P	15nt upstream of gene PMM1678;
1611842 +	TSS_011913	1000	104	0	1 IP	within gene(s) PMM1678; 91nt upstream of gene PMM1679;
1612164 +	TSS_011915	1000	113	0	0 I	within gene(s) PMM1679;
1616290 +	TSS_011926	1000	381	0	0 Ai	antisense to gene(s) PMM1682;
1616930 -	TSS_027649	1000	564	0	6 P	26nt upstream of gene PMM1682;
1617422 -	TSS_027656	1000	462	0	9 P	93nt upstream of gene PMM1683;
1618289 +	TSS_011932	1000	150	0	6 IP	within gene(s) PMM1684; 78nt upstream of gene PMM1685;
1618516 +	TSS_011934	1000	209	0	0 I	within gene(s) PMM1685;
1618595 +	TSS_011935	1000	159	0	0 I	within gene(s) PMM1685;
1619698 -	TSS_027661	1000	165	0	0 Ai	antisense to gene(s) PMM1686;
1619840 -	TSS_027662	1000	150	0	0 Ai	antisense to gene(s) PMM1686;
1620131 +	TSS_011939	1000	269	0	4 P	24nt upstream of gene PMM1687;
1621301 +	TSS_011944	1000	359	0	4 P	25nt upstream of gene PMM1688;
1622476 -	TSS_027665	1000	1385	0	6 Ai	antisense to gene(s) PMM1688;
1623168 +	TSS_011958	1000	1839	0	7 P	29nt upstream of gene PMM1689;
1623293 +	TSS_011964	1000	272	0	2 I	within gene(s) PMM1689;
1624375 +	TSS_011977	1000	117	0	0 I	within gene(s) PMM1689;
1625074 -	TSS_027674	1000	199	0	0 Ai	antisense to gene(s) PMM1690;
1628185 -	TSS_027678	1000	196	0	0 Ai	antisense to gene(s) PMM1693;
1628980 +	TSS_011987	1000	277	0	2 PAi	173nt upstream of gene PMM1695; antisense to gene(s) PMM1694;
1629107 -	TSS_027684	1000	165	0	0 P	0nt upstream of gene PMM1694;
1632609 +	TSS_011994	1000	105	0	0 P	98nt upstream of gene PMM1697;
1632963 -	TSS_027689	1000	109	0	0 Ai	antisense to gene(s) PMM1697;
1633040 +	TSS_012004	1000	140	0	0 I	within gene(s) PMM1697;
1633252 -	TSS_027691	1000	217	0	0 Ai	antisense to gene(s) PMM1697;
1633316 +	TSS_012015	1000	177	0	3 I	within gene(s) PMM1697;
1633425 -	TSS_027695	1000	159	0	1 Ai	antisense to gene(s) PMM1697;
1634577 +	TSS_012033	1000	157	0	0 Ai	antisense to gene(s) PMM1699;
1634772 +	TSS_012034	1000	172	0	0 Ai	antisense to gene(s) PMM1699;
1635344 +	TSS_012035	1000	134	0	2 PAi	199nt upstream of gene PMM1700; antisense to gene(s) PMM1699;
1635526 +	TSS_012039	1000	3838	0	7 P	17nt upstream of gene PMM1700;
1636725 +	TSS_012087	1000	106	0	3 I	within gene(s) PMM1700;
1640380 -	TSS_027718	1000	202	0	0 P	32nt upstream of gene PMM1702;
1640445 +	TSS_012121	1000	669	0	0 I	within gene(s) PMM1703;
1641448 +	TSS_012125	1000	447	0	0 IAd	within gene(s) PMM1703; antisense to gene(s) PMM1704 (29nt downstream);
1641583 -	TSS_027724	1000	208	0	12 I	within gene(s) PMM1704;
1641604 -	TSS_027727	1000	165	0	0 I	within gene(s) PMM1704;
1641616 -	TSS_027728	1000	112	0	3 I	within gene(s) PMM1704;
1641634 -	TSS_027732	1000	190	0	6 I	within gene(s) PMM1704;
1641652 -	TSS_027734	1000	131	0	0 I	within gene(s) PMM1704;
1641673 -	TSS_027735	1000	163	0	6 I	within gene(s) PMM1704;
1641692 -	TSS_027739	1000	180	0	4 I	within gene(s) PMM1704;
1641724 -	TSS_027751	1000	894	0	48 I	within gene(s) PMM1704;
1641808 -	TSS_027760	1000	209	0	2 I	within gene(s) PMM1704;

1641841 -	TSS_027764	1000	182	0	24 I	within gene(s) PMM1704;
1641892 -	TSS_027771	1000	116	0	3 I	within gene(s) PMM1704;
1641901 -	TSS_027772	1000	133	0	0 I	within gene(s) PMM1704;
1641937 -	TSS_027780	1000	587	0	43 I	within gene(s) PMM1704;
1641979 -	TSS_027792	1000	119	0	9 I	within gene(s) PMM1704;
1642006 -	TSS_027796	1000	348	0	21 I	within gene(s) PMM1704;
1642036 -	TSS_027801	1000	122	0	0 I	within gene(s) PMM1704;
1642050 +	TSS_012131	1000	404	0	0 Ai	antisense to gene(s) PMM1704;
1642057 -	TSS_027804	1000	151	0	3 I	within gene(s) PMM1704;
1642069 -	TSS_027805	1000	272	0	6 I	within gene(s) PMM1704;
1642093 -	TSS_027810	1000	116	0	3 I	within gene(s) PMM1704;
1642100 +	TSS_012133	1000	104	0	0 Ai	antisense to gene(s) PMM1704;
1642108 -	TSS_027811	1000	128	0	6 I	within gene(s) PMM1704;
1642126 -	TSS_027813	1000	106	0	0 I	within gene(s) PMM1704;
1642135 -	TSS_027815	1000	113	0	2 I	within gene(s) PMM1704;
1642147 -	TSS_027816	1000	176	0	0 I	within gene(s) PMM1704;
1642183 -	TSS_027817	1000	107	0	0 I	within gene(s) PMM1704;
1642195 -	TSS_027818	1000	106	0	2 I	within gene(s) PMM1704;
1642222 -	TSS_027826	1000	310	0	24 I	within gene(s) PMM1704;
1642229 +	TSS_012134	1000	174	0	2 Ai	antisense to gene(s) PMM1704;
1642264 -	TSS_027833	1000	208	0	21 I	within gene(s) PMM1704;
1642285 -	TSS_027837	1000	627	0	39 I	within gene(s) PMM1704;
1642348 -	TSS_027851	1000	186	0	0 I	within gene(s) PMM1704;
1642378 -	TSS_027853	1000	122	0	3 I	within gene(s) PMM1704;
1642387 -	TSS_027854	1000	161	0	0 I	within gene(s) PMM1704;
1642402 -	TSS_027855	1000	117	0	0 I	within gene(s) PMM1704;
1642444 -	TSS_027862	1000	894	0	36 I	within gene(s) PMM1704;
1642477 -	TSS_027869	1000	436	0	27 I	within gene(s) PMM1704;
1642606 -	TSS_027884	1000	580	0	16 I	within gene(s) PMM1704;
1642639 -	TSS_027891	1000	157	0	9 I	within gene(s) PMM1704;
1642648 -	TSS_027892	1000	104	0	0 I	within gene(s) PMM1704;
1642678 -	TSS_027894	1000	110	0	3 I	within gene(s) PMM1704;
1642717 -	TSS_027896	1000	117	0	0 I	within gene(s) PMM1704;
1642759 -	TSS_027904	1000	360	0	30 I	within gene(s) PMM1704;
1642771 -	TSS_027905	1000	262	0	15 I	within gene(s) PMM1704;
1642795 -	TSS_027911	1000	263	0	37 I	within gene(s) PMM1704;
1642810 +	TSS_012142	1000	201	0	0 Ai	antisense to gene(s) PMM1704;
1642864 -	TSS_027928	1000	178	0	36 I	within gene(s) PMM1704;
1642900 -	TSS_027935	1000	568	0	42 I	within gene(s) PMM1704;
1642954 -	TSS_027949	1000	307	0	4 I	within gene(s) PMM1704;
1643008 -	TSS_027956	1000	102	0	3 I	within gene(s) PMM1704;
1643137 -	TSS_027969	1000	118	0	0 I	within gene(s) PMM1704;
1643144 +	TSS_012145	1000	409	0	5 Ai	antisense to gene(s) PMM1704;
1643153 +	TSS_012147	1000	362	0	1 Ai	antisense to gene(s) PMM1704;
1643179 -	TSS_027976	1000	150	0	15 I	within gene(s) PMM1704;
1643197 -	TSS_027979	1000	196	0	4 I	within gene(s) PMM1704;
1643239 -	TSS_027985	1000	523	0	6 I	within gene(s) PMM1704;
1643316 +	TSS_012149	1000	160	0	0 PAi	182nt upstream of gene PMM1705; antisense to gene(s) PMM1704;
1643320 -	TSS_027991	1000	107	0	9 I	within gene(s) PMM1704;
1643332 -	TSS_027992	1000	102	0	3 I	within gene(s) PMM1704;
1643399 -	TSS_027997	1000	12841	0	7 P	19nt upstream of gene PMM1704;
1644415 +	TSS_012152	1000	1676	0	2 P	50nt upstream of gene PMM1706;
1645357 -	TSS_028006	1000	225	0	0 I	within gene(s) PMM1707;
1645691 -	TSS_028017	1000	131	0	0 I	within gene(s) PMM1707;
1646195 -	TSS_028026	1000	950	0	5 P	48nt upstream of gene PMM1707;
1646216 -	TSS_028029	1000	2235	0	0 P	69nt upstream of gene PMM1707;
1646481 +	TSS_012177	1000	130	0	0 IP	within gene(s) PMM1708; 217nt upstream of gene PMM1709;
1646490 +	TSS_012178	1000	136	0	0 IP	within gene(s) PMM1708; 208nt upstream of gene PMM1709;
1646517 +	TSS_012181	1000	126	0	7 IP	within gene(s) PMM1708; 181nt upstream of gene PMM1709;
1646542 +	TSS_012184	1000	142	0	3 IP	within gene(s) PMM1708; 156nt upstream of gene PMM1709;
1647512 -	TSS_028034	1000	107	0	0 Ai	antisense to gene(s) PMM1709;
1650015 -	TSS_028048	1000	103	0	3 I	within gene(s) PMM1712;
1654524 +	TSS_012211	1000	159	0	2 I	within gene(s) PMM1714;
1656926 +	TSS_012217	1000	160	0	0 I	within gene(s) PMM1716;

\*\*Class represents the classification of the start site. I represents internal start sites, Ai represents antisense start sites, P represents primary start sites,

IP represents internal or primary start sites, PAi represents primary or Antisense start sites, Ad represents Antisense or downstream

IAd represents internal Antisense or downstream and O represents orphan.