

Gmet_H401	(-)	412977	413021	T	A	A	C	G	G	C	C	G	G	G	A	C	C	G	G	G	G	A	C	C	A	G	G	A	C	C	G	G	G	A	C	C	G	G	G	A	C	C	G	G	G	A	A	A	A	C	C	C
Gmet_H402	(-)	427750	427794	A	A	A	A	C	T	A	A	G	G	G	A	C	C	G	G	G	G	A	C	C	A	G	G	A	C	C	G	G	G	A	C	C	A	A	C	A	A	T	G	G	C	A						
Gmet_H403	(-)	460055	460099	T	A	A	A	A	T	C	G	G	T	G	A	T	C	G	G	G	G	A	C	C	A	G	G	A	C	C	A	G	G	A	C	C	G	G	C	A	A	A	A	A	C	A						
Gmet_H404	(+)	480226	480270	T	A	A	C	G	G	C	C	G	G	G	A	C	T	A	G	G	G	A	C	C	G	G	G	A	C	C	A	G	G	A	C	C	A	G	G	A	A	A	A	C	C	A						
Gmet_H405	(+)	481398	481442	T	A	G	A	G	G	C	C	G	G	A	A	C	C	T	G	G	G	A	T	C	G	G	G	A	C	C	A	G	G	A	C	C	A	G	G	A	A	A	G	G	C	A						
Gmet_H406	(-)	481439	481483	A	A	C	A	G	A	C	C	G	G	G	A	C	C	A	G	G	G	A	C	C	G	G	G	A	T	C	C	G	G	G	A	C	C	G	G	T	A	A	T	G	C	C						
Gmet_H407	(+)	515413	515457	A	A	A	A	G	G	C	C	G	G	G	A	C	C	A	G	T	A	A	C	C	G	G	G	A	C	C	A	G	G	A	C	T	G	G	G	A	A	A	A	C	C	T						
Gmet_H408	(-)	515519	515563	A	A	A	A	G	G	C	G	G	G	G	A	C	T	G	G	G	G	A	C	C	G	G	G	A	C	C	G	G	G	A	C	C	G	G	T	A	A	A	A	A	A	C						
Gmet_H409	(+)	524206	524250	T	A	C	A	T	G	C	C	G	G	G	A	T	C	G	G	G	A	C	C	G	G	G	A	C	C	G	G	G	A	C	C	G	G	G	A	A	A	A	C	C	T							
Gmet_H410	(-)	524445	524489	G	T	T	G	T	A	C	C	G	G	G	A	C	C	A	G	G	G	C	C	G	G	G	A	C	C	G	G	G	A	C	C	G	G	G	A	A	C	C	C	A	A							
Gmet_H411	(+)	530025	530069	A	A	A	A	G	G	C	C	G	G	G	A	C	C	G	G	G	A	C	C	A	G	G	A	C	C	A	G	G	A	C	C	A	G	G	A	A	A	A	A	A	C							
Gmet_H412	(-)	530117	530161	C	A	A	A	G	A	C	C	G	G	G	A	C	C	G	G	G	A	C	C	A	G	G	A	C	C	G	G	G	A	C	C	G	G	G	A	A	T	T	C	A	A							
Gmet_H413	(+)	530867	530911	G	A	A	A	A	A	C	G	G	G	G	A	T	C	G	G	G	A	C	C	G	G	G	A	C	C	G	G	G	A	C	C	G	G	G	G	A	A	A	A	A	G							
Gmet_H414	(+)	581560	581604	G	A	A	A	G	G	C	C	G	G	G	A	C	C	A	G	G	G	A	C	C	G	G	G	A	C	C	G	G	G	A	C	C	A	G	G	A	A	A	A	A	C	A						
Gmet_H415	(-)	581664	581708	A	A	A	A	T	T	C	G	G	G	G	A	C	C	C	G	G	G	A	C	C	G	G	G	A	C	C	G	G	G	A	C	C	G	G	T	A	A	A	A	A	C	A						
Gmet_H416	(+)	766602	766646	T	G	A	A	G	G	C	G	G	G	G	A	C	C	A	G	G	G	A	T	C	G	G	G	A	C	C	G	G	G	A	C	C	G	G	T	A	A	A	G	G	C	T						
Gmet_H417	(+)	787460	787504	C	G	C	G	A	T	C	G	G	G	G	A	C	C	G	G	G	A	C	C	G	G	G	A	C	C	A	G	G	G	C	C	G	G	G	A	A	A	A	C	C	C							
Gmet_H418	(+)	795833	795877	T	A	A	A	A	T	C	C	G	G	G	A	C	C	G	G	G	A	T	C	G	G	G	A	C	C	A	G	G	A	C	C	G	G	C	A	A	A	A	A	A	G							
Gmet_H419	(+)	998562	998606	T	A	A	A	G	A	C	A	G	G	G	A	C	C	A	G	G	A	C	C	A	G	A	A	C	C	G	G	G	A	C	C	G	G	C	A	A	A	A	C	C	C							
Gmet_H420	(-)	998630	998674	G	A	A	A	A	G	C	C	G	G	G	A	C	C	G	G	G	A	T	C	G	G	G	A	C	C	A	G	G	A	C	C	A	G	G	A	A	A	G	G	C	G							
Gmet_H421	(-)	1968053	1968097	T	G	A	C	A	T	C	C	G	G	G	A	C	C	A	G	G	A	C	C	G	G	G	A	G	C	G	G	G	A	C	C	T	G	T	T	A	C	C	C	C	C							
Gmet_H422	(+)	2635345	2635389	T	A	A	C	C	C	C	G	G	G	G	A	C	C	A	G	G	A	C	C	G	G	G	A	C	C	G	G	G	A	C	C	A	G	T	G	A	A	A	T	C	C							
Gmet_H423	(-)	2655831	2655875	T	A	G	A	G	G	C	C	G	G	G	A	C	C	G	G	G	A	C	C	A	G	G	A	C	C	A	G	G	A	C	C	G	G	C	G	G	C	A	G	C	G							
Gmet_H424	(+)	2888448	2888492	C	G	G	A	A	T	C	C	G	G	G	A	C	C	G	G	G	A	C	C	G	G	G	A	C	C	G	G	G	A	C	C	G	G	G	A	A	A	T	C	T								
Gmet_H425	(+)	2909777	2909821	T	T	A	A	T	T	C	A	G	T	A	A	C	C	A	G	G	A	C	C	A	G	A	A	C	C	G	G	G	A	C	C	A	G	T	G	G	A	A	T	C	A							
Gmet_H426	(-)	2909837	2909881	A	A	A	C	C	T	C	G	G	A	A	A	T	C	C	G	G	A	C	C	G	G	G	A	C	C	G	G	G	A	C	C	G	G	T	A	A	A	A	C	C	G							
Gmet_H427	(+)	2911326	2911370	T	G	A	A	A	G	C	C	G	G	G	A	C	C	G	G	G	A	T	C	A	G	G	A	C	C	G	G	G	A	T	C	A	G	G	A	A	A	A	A	T	C							
Gmet_H428	(-)	2911421	2911465	C	G	G	A	A	T	T	C	G	G	G	A	C	C	G	G	G	A	C	C	G	G	G	A	C	C	A	G	G	A	C	C	G	G	G	A	A	A	A	C	C	C							
Gmet_H429	(-)	3124287	3124331	T	G	A	A	G	G	C	G	G	G	G	A	C	C	A	G	G	A	C	C	G	G	G	A	C	C	G	G	G	A	C	C	G	G	G	A	A	A	A	G	C	A							
Gmet_H430	(+)	3126262	3126306	C	T	G	C	C	G	C	G	G	G	G	A	C	C	G	G	G	A	C	C	G	G	G	A	C	C	G	G	G	A	C	C	G	G	C	T	C	A	A	A	A	G							
Gmet_H431	(-)	3126379	3126423	T	G	A	C	A	G	C	C	G	G	G	A	C	G	G	G	G	A	C	C	G	G	G	A	C	C	G	G	G	A	C	C	G	G	G	A	A	A	G	G	C	G							
Gmet_H432	(-)	3126559	3126603	T	A	G	A	A	G	C	C	G	G	G	A	C	C	G	G	G	A	C	C	G	G	G	A	C	C	G	G	G	A	C	C	G	G	G	A	A	A	G	G	C	A							
Gmet_H433	(+)	3141389	3141433	G	C	G	A	T	A	C	C	G	G	T	A	C	C	G	G	G	A	C	C	G	G	G	A	C	C	G	G	G	A	C	C	A	G	T	A	A	A	A	A	C	C							
Gmet_H434	(+)	3188778	3188822	A	A	G	T	C	C	C	C	G	G	G	A	C	C	G	G	G	A	C	C	A	G	G	A	C	C	G	G	G	A	C	C	G	G	C	A	A	A	G	G	C								
Gmet_H435	(-)	3188884	3188928	C	A	A	G	G	G	C	C	G	G	G	A	C	C	G	G	G	A	C	C	G	G	G	A	C	C	A	G	T	T	T	A	G	A	A	A	G	C	C	A	A	C	C						
Gmet_H436	(+)	3272024	3272068	G	C	G	T	C	C	T	C	G	G	G	A	C	C	G	G	G	A	C	C	G	G	G	A	C	C	G	G	G	A	C	C	G	G	G	A	A	A	A	A	A	C							
Gmet_H437	(-)	3272462	3272506	C	A	A	C	G	T	A	G	G	G	G	A	C	C	G	G	G	A	C	C	G	G	G	A	C	C	G	G	G	A	C	C	G	G	G	A	A	A	A	T	C	G							
Gmet_H438	(-)	3280694	3280738	G	T	G	A	G	G	C	C	G	G	G	A	C	T	G	G	G	A	T	T	G	G	G	A	C	C	A	G	G	A	C	C	G	G	G	A	A	A	G	C	C	A							
Gmet_H439	(+)	3289968	3290012	T	A	A	A	G	A	C	G	G	G	G	A	C	C	A	G	G	A	C	C	G	G	G	A	C	C	G	G	G	A	C	C	G	G	G	A	A	C	G	C	C	A							
Gmet_H440	(+)	3294421	3294465	T	G	A	A	G	T	C	G	G	G	G	A	C	C	A	G	G	A	C	C	G	G	G	A	C	C	G	G	G	A	C	C	G	G	T	A	A	T	A	C	C	G							
Gmet_H441	(-)	3373657	3373701	T	G	A	A	T	C	T	G	G	G	G	A	C	C	G	G	G	A	C	C	A	G	G	A	C	C	A	G	G	A	C	C	G	G	G	A	A	A	A	C	C	G							
Gmet_H442	(+)	3496734	3496778	A	T	A	A	G	T	C	A	G	G	G	A	C	C	G	G	G	A	C	C	G	G	G	A	C	C	G	G	G	A	C	C	A	G	T	A	A	C	A	A	C	T							
Gmet_H443	(+)	3497091	3497135	A	A	A	C	C	T	C	C	G	G	G	A	T	C	G	G	G	A	C	C	G	G	G	A	T	C	G	G	G	A	C	C	G	G	G	A	A	A	G	G	C	T							
Gmet_H444	(+)	3553644	3553688	G	A	G	A	A	G	C	C	G	G	G	A	C	C	G	G	G	A	C	C	A	G	G	A	C	C	G	G	G	A	C	C	A	G	G	A	A	A	A	G	A	C							
Gmet_H445	(-)	3555274	3555318	T	C	C	A	T	T	G	A	A	A	C	C	T	C	C	G	G	A	C	C	G	G	G	A	C	C	G	G	G	A	C	C	G	G	G	A	A	A	A	C	C	C							
Gmet_H446	(-)	3806153	3806197	T	A	A	A	G	G	C	C	G	G	G	A	C	C	G	G	G	A	T	T	A	G	G	A	C	C	G	G	T	G	A	C	C	A	G	C	A	A	C	T	G	A	T						
Gmet_H447	(+)	3850973	3851017	C	C	G	C	G	A	T	C	G	G	G	A	C	C	A	G	G	A	C	C	A	G	G	A	C	C	A	G	G	A	C	C	G	G	C	A	A	A	G	A	C	T							
Gmet_H448	(-)	3851057	3851101	T	A	A	A	A	T	C	G	G	T	G	A	T	T	G	G	G	A	C	C	G	G	G	A	C	C	G	G	G	A	C	C	A	G	T	A	A	A	A	A	T	C							
Gmet_H449	(+)	3984830	3984874	A	T	T	A	G	A	C	A	G	G	A	A	A	C																																			