

Name	Size	Aeras_Start	Aeras_End	Connaught_Start	Connaught_End	Percent Remaining	Strand	Product	Functional	Mutation
AOQ90_RS23425	333	99743	100046	3252273	3252606	0.9129129129	-	pentapeptide repeat-containing protein	Pseudo gene, Partial Start, Partial Stop	Partial in the middle of the contig, miss N-terminus, miss C-terminus, Frameshift
AOQ90_RS17675	9472	107349	116814	3755736	3765208	0.9995777027	-	PPE family protein	Pseudo gene	Frameshift
AOQ90_RS22915	11090	119583	130257	3739029	3750119	0.9625788999	-	PPE domain-containing protein	Pseudo gene	Frameshift, Internal Stop
AOQ90_RS22435	275	262648	262875	3896877	3897152	0.8290909091	-	esterase	Pseudo gene, Partial Stop	Partial in the middle of the contig, miss C-terminus
AOQ90_RS18435	206	286550	286754	3930517	3930723	0.9951456311	+	PE family protein	Pseudo gene, Partial Stop	Partial in the middle of the contig, miss C-terminus
AOQ90_RS22440	1873	289019	290558	3919306	3921179	0.827549386	+	hypothetical protein	Pseudo gene, Partial Start	Partial in the middle of the contig, miss N-terminus, Frameshift
AOQ90_RS23035	2587	296206	298311	3924086	3926673	0.815229961	+	PE family protein	Pseudo gene	Frameshift
AOQ90_RS23450	311	298821	299076	3926670	3926981	0.8231511254	+	hypothetical protein	Normal gene	
AOQ90_RS18835	1344	386829	388169	4013527	4014871	1	-	PE family protein	Partial start, Normal gene	
AOQ90_RS22975	687	387911	388582	4014873	4015560	0.9781659389	-	PE family protein	Pseudo gene, Partial Stop	Partial in the middle of the contig, miss C-terminus
AOQ90_RS22480	647	1090683	1091329	415881	416528	1.004636785	-	PE family protein	Pseudo gene, Partial Stop	Partial in the middle of the contig, miss C-terminus
AOQ90_RS22490	667	1090825	1091326	417238	417905	0.7526236882	-	PE family protein	Pseudo gene, Partial Stop	Partial in the middle of the contig, miss C-terminus
AOQ90_RS20280	1222	1221605	1222813	547153	548375	1	+	DUF222 domain-containing protein	Pseudo gene, Partial Start, Partial Stop	Partial in the middle of the contig, miss N-terminus, miss C-terminus, Frameshift
AOQ90_RS02420	389	1224524	1224898	550400	550789	0.9640102828	+	HNH endonuclease signature motif containing protein	Pseudo gene, Partial Start	Partial in the middle of the contig, miss N-terminus
AOQ90_RS18410	2468	1422167	1420651	3916810	3919278	0.6195299838	+	PGRS repeat-containing protein	Pseudo gene, Partial Start	Partial in the middle of the contig, miss N-terminus
AOQ90_RS23115	954	1843330	1844283	1166623	1167577	1	-	YncE family protein	Partial start, Normal gene	
AOQ90_RS13010	1045	1918672	1917672	2774878	2775923	0.9578947368	-	IS256-like element IS1081 family transposase	Partial stop, Normal gene	
AOQ90_RS05725	895	1940377	1941209	1198923	1199818	0.9351955307	-	PE family protein	Partial stop, Normal gene	
AOQ90_RS22315	482	2378808	2379236	1635205	1635687	0.8900414938	-	PE family protein	Pseudo gene, Partial Start	Miss N-terminus, too short partial abutting assembly gap
AOQ90_RS20680	1429	2719473	2720838	1976669	1978098	0.9566130161	-	PE family protein	Pseudo gene	Frameshift
AOQ90_RS23365	1299	2756302	2757118	2010440	2011739	0.6289453426	+	PPE family protein	Pseudo gene	Frameshift
AOQ90_RS09985	2378	2892314	2893740	2149247	2151625	0.6000841043	-	beta strand repeat-containing protein	Pseudo gene, Partial Start	Partial in the middle of the contig, miss N-terminus
AOQ90_RS23370	206	2894137	2893936	2151620	2151826	0.9805825243	+	hypothetical protein	Pseudo gene, Partial Start, Partial Stop	Partial in the middle of the contig, miss N-terminus, miss C-terminus
AOQ90_RS09990	1567	2894878	2895592	2151893	2153460	0.4562858966	-	beta strand repeat-containing protein	Partial start, Partial Stop, Normal gene	
AOQ90_RS10585	8652	3005058	3013709	2262964	2271616	1	-	type I polyketide synthase	Partial start, Normal gene	
AOQ90_RS23195	1192	3012522	3013713	2271618	2272810	1	-	zinc-binding dehydrogenase	Pseudo gene, Partial Start, Partial Stop	Partial in the middle of the contig, miss N-terminus, miss C-terminus, Frameshift
AOQ90_RS20840	785	3130132	3130858	2387612	2388397	0.9261146497	-	hypothetical protein	Partial start, Normal gene	
AOQ90_RS20845	732	3130872	3131603	2388586	2389318	1	-	PE family protein	Partial start, Normal gene	
AOQ90_RS15435	2696	3936555	3939243	3249621	3252317	0.9974035608	+	phthiocerol type I polyketide synthase PpsC	Pseudo gene, Partial Stop	Partial in the middle of the contig, miss C-terminus
AOQ90_RS22870	3907	3939214	3943120	3258062	3261969	1	+	phthiocerol type I polyketide synthase PpsC	Pseudo gene, Partial Start	Partial in the middle of the contig, miss N-terminus
AOQ90_RS21170	385	4059256	4059619	3379087	3379472	0.9454545455	-	PPE family protein	Pseudo gene, Partial Stop	Partial in the middle of the contig, miss C-terminus