

Pareja	Posición variante	Alelo	Cambio (cadena)	Lecturas con la variante (%)	Lecturas en el paciente con posición patogénica / totales (%)	Lecturas en el progenitor con posición patogénica / totales (%)
Paciente - Madre F	173875574	normal	G>A (+)	49 (0,74)	6580/6580 (100,00)	625/625 (100,00)
	173876321	normal	T>C (+)	85 (1,29)	6580/6580 (100,00)	625/625 (100,00)
	173876622	normal	T>A (+)	73 (1,11)	6580/6580 (100,00)	625/625 (100,00)
	173879717	normal	A>C(+)	7 (0,11)	6580/6580 (100,00)	625/625 (100,00)
	173879723	normal	A>T(+)	5 (0,08)	6580/6580 (100,00)	625/625 (100,00)
	173879727	normal	A>T(+)	5 (0,08)	6580/6580 (100,00)	625/625 (100,00)
	173879731	normal	A>G(+)	6 (0,09)	6580/6580 (100,00)	625/625 (100,00)
	173879735	normal	A>T(+)	6 (0,09)	6580/6580 (100,00)	625/625 (100,00)
	173879739	normal	A>T(+)	6 (0,09)	6580/6580 (100,00)	625/625 (100,00)
	173879724	normal	A>T(+)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
	173879728	normal	A>T(+)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
	173879732	normal	A>T(+)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
	173879736	normal	A>T(+)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
	173873081	normal	T>C (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
	173873573	normal	A>C (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
	173873661	normal	A>T (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
	173873575	normal	T>C (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
	173873574	normal	C>T (-)	5 (0,08)	6580/6580 (100,00)	625/625 (100,00)
	173873571	normal	A>A (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
	173873569	normal	A>T (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
	173873566	normal	T>A (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
	173873565	normal	A>G (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
	173873564	normal	T>T (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
	173873562	normal	T>C (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
	173873561	normal	A>A (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
	173873560	normal	A>C (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
	173873557	normal	T>C (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
	173873556	normal	A>T (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
	173873554	normal	T>G (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
	173873552	normal	A>G (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
	173873551	normal	T>C (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
	173873549	normal	A>A (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
	173873544	normal	A>T (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
	173873581	normal	T>A (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
	173873628	normal	T>C (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)

173873625	normal	T>T (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173873622	normal	T>T (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173873621	normal	T>A (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173873620	normal	A>G (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173873619	normal	T>C (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173873618	normal	A>T (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173873617	normal	T>G (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173873616	normal	T>T (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173873614	normal	A>T (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173873613	normal	T>C (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173873612	normal	A>T (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173873611	normal	T>C (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173873609	normal	T>T (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173873607	normal	A>T (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173873606	normal	T>C (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173873605	normal	A>T (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173873604	normal	T>C (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173873601	normal	A>T (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173873600	normal	T>G (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173873599	normal	T>C (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173873598	normal	A>T (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173873596	normal	A>T (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173873594	normal	A>C (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173873592	normal	T>A (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173873591	normal	A>G (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173873589	normal	T>G (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173873587	normal	A>G (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173873584	normal	A>T (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173873583	normal	T>C (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173873578	normal	A>T (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173873577	normal	T>C (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173873563	normal	T>G (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173873555	normal	T>C (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173873550	normal	A>G (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173873548	normal	A>C (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173873707	normal	T>G (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
173873703	normal	T>A (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
173873702	normal	T>C (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)

173873700	normal	A>A (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
173873699	normal	T>C (-)	5 (0,08)	6580/6580 (100,00)	625/625 (100,00)
173873695	normal	A>G (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173873694	normal	T>A (-)	6 (0,09)	6580/6580 (100,00)	625/625 (100,00)
173873689	normal	T>A (-)	6 (0,09)	6580/6580 (100,00)	625/625 (100,00)
173873685	normal	A>C (-)	6 (0,09)	6580/6580 (100,00)	625/625 (100,00)
173873684	normal	T>A (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
173873683	normal	A>T (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
173873682	normal	T>C (-)	6 (0,09)	6580/6580 (100,00)	625/625 (100,00)
173873681	normal	A>T (-)	7 (0,11)	6580/6580 (100,00)	625/625 (100,00)
173873680	normal	T>T (-)	6 (0,09)	6580/6580 (100,00)	625/625 (100,00)
173873679	normal	T>C (-)	6 (0,09)	6580/6580 (100,00)	625/625 (100,00)
173873677	normal	A>A (-)	5 (0,08)	6580/6580 (100,00)	625/625 (100,00)
173873676	normal	A>G (-)	8 (0,12)	6580/6580 (100,00)	625/625 (100,00)
173873675	normal	T>C (-)	6 (0,09)	6580/6580 (100,00)	625/625 (100,00)
173873673	normal	A>A (-)	5 (0,08)	6580/6580 (100,00)	625/625 (100,00)
173873672	normal	A>G (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
173873671	normal	T>A (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
173873669	normal	T>A (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173873664	normal	A>A (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173873660	normal	T>C (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173873659	normal	A>T (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173873655	normal	T>C (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173873654	normal	A>A (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173873653	normal	A>T (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173873652	normal	T>A (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173873651	normal	A>G (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173873649	normal	T>C (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173873645	normal	T>A (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173873644	normal	A>G (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173873639	normal	A>T (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173873638	normal	T>G (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173873637	normal	T>A (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173873634	normal	T>G (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173873632	normal	T>C (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173873630	normal	T>C (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173873629	normal	A>T (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173873626	normal	T>G (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)

173873624	normal	T>A (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173873610	normal	T>G (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173873595	normal	A>A (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173873579	normal	T>C (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173873765	normal	A>T (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
173873764	normal	T>C (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173873763	normal	T>T (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
173873761	normal	A>C (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173873758	normal	T>G (-)	5 (0,08)	6580/6580 (100,00)	625/625 (100,00)
173873757	normal	T>T (-)	6 (0,09)	6580/6580 (100,00)	625/625 (100,00)
173873754	normal	T>C (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173873751	normal	A>T (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173873749	normal	A>T (-)	5 (0,08)	6580/6580 (100,00)	625/625 (100,00)
173873748	normal	T>C (-)	5 (0,08)	6580/6580 (100,00)	625/625 (100,00)
173873747	normal	A>C (-)	7 (0,11)	6580/6580 (100,00)	625/625 (100,00)
173873746	normal	T>T (-)	8 (0,12)	6580/6580 (100,00)	625/625 (100,00)
173873744	normal	T>A (-)	6 (0,09)	6580/6580 (100,00)	625/625 (100,00)
173873743	normal	A>T (-)	7 (0,11)	6580/6580 (100,00)	625/625 (100,00)
173873742	normal	T>C (-)	6 (0,09)	6580/6580 (100,00)	625/625 (100,00)
173873741	normal	T>T (-)	7 (0,11)	6580/6580 (100,00)	625/625 (100,00)
173873740	normal	A>G (-)	7 (0,11)	6580/6580 (100,00)	625/625 (100,00)
173873738	normal	T>C (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173873737	normal	A>T (-)	6 (0,09)	6580/6580 (100,00)	625/625 (100,00)
173873735	normal	A>A (-)	6 (0,09)	6580/6580 (100,00)	625/625 (100,00)
173873734	normal	A>T (-)	6 (0,09)	6580/6580 (100,00)	625/625 (100,00)
173873733	normal	T>C (-)	6 (0,09)	6580/6580 (100,00)	625/625 (100,00)
173873730	normal	A>C (-)	6 (0,09)	6580/6580 (100,00)	625/625 (100,00)
173873729	normal	T>C (-)	5 (0,08)	6580/6580 (100,00)	625/625 (100,00)
173873728	normal	T>A (-)	7 (0,11)	6580/6580 (100,00)	625/625 (100,00)
173873725	normal	A>T (-)	6 (0,09)	6580/6580 (100,00)	625/625 (100,00)
173873722	normal	A>T (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173873721	normal	T>A (-)	5 (0,08)	6580/6580 (100,00)	625/625 (100,00)
173873718	normal	A>T (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173873717	normal	A>C (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
173873715	normal	T>G (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173873714	normal	T>T (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
173873710	normal	A>T (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
173873704	normal	A>T (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)

173873696	normal	A>C (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
173873691	normal	A>T (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173873674	normal	A>A (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173873760	normal	T>T (-)	7 (0,11)	6580/6580 (100,00)	625/625 (100,00)
173873753	normal	A>T (-)	5 (0,08)	6580/6580 (100,00)	625/625 (100,00)
173873732	normal	A>A (-)	5 (0,08)	6580/6580 (100,00)	625/625 (100,00)
173873727	normal	T>G (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
173873724	normal	A>C (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
173873719	normal	A>A (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173873716	normal	T>A (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173873698	normal	A>T (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173873693	normal	A>G (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173873752	normal	A>T (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173873723	normal	A>C (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173874286	normal	T>A (-)	20 (0,30)	6580/6580 (100,00)	625/625 (100,00)
173874281	normal	A>G (-)	20 (0,30)	6580/6580 (100,00)	625/625 (100,00)
173874280	normal	T>A (-)	21 (0,32)	6580/6580 (100,00)	625/625 (100,00)
173874279	normal	A>A (-)	22 (0,33)	6580/6580 (100,00)	625/625 (100,00)
173874278	normal	A>T (-)	23 (0,35)	6580/6580 (100,00)	625/625 (100,00)
173874276	normal	T>G (-)	20 (0,30)	6580/6580 (100,00)	625/625 (100,00)
173874273	normal	A>T (-)	19 (0,29)	6580/6580 (100,00)	625/625 (100,00)
173874272	normal	T>A (-)	20 (0,30)	6580/6580 (100,00)	625/625 (100,00)
173874270	normal	T>A (-)	23 (0,35)	6580/6580 (100,00)	625/625 (100,00)
173874263	normal	T>A (-)	21 (0,32)	6580/6580 (100,00)	625/625 (100,00)
173874260	normal	A>C (-)	21 (0,32)	6580/6580 (100,00)	625/625 (100,00)
173874258	normal	T>A (-)	20 (0,30)	6580/6580 (100,00)	625/625 (100,00)
173874257	normal	A>C (-)	21 (0,32)	6580/6580 (100,00)	625/625 (100,00)
173874256	normal	A>T (-)	19 (0,29)	6580/6580 (100,00)	625/625 (100,00)
173874253	normal	A>A (-)	20 (0,30)	6580/6580 (100,00)	625/625 (100,00)
173874252	normal	A>G (-)	20 (0,30)	6580/6580 (100,00)	625/625 (100,00)
173874251	normal	T>T (-)	20 (0,30)	6580/6580 (100,00)	625/625 (100,00)
173874249	normal	T>A (-)	20 (0,30)	6580/6580 (100,00)	625/625 (100,00)
173874248	normal	A>G (-)	19 (0,29)	6580/6580 (100,00)	625/625 (100,00)
173874247	normal	T>A (-)	21 (0,32)	6580/6580 (100,00)	625/625 (100,00)
173874245	normal	A>G (-)	20 (0,30)	6580/6580 (100,00)	625/625 (100,00)
173874244	normal	T>T (-)	19 (0,29)	6580/6580 (100,00)	625/625 (100,00)
173874243	normal	T>G (-)	21 (0,32)	6580/6580 (100,00)	625/625 (100,00)
173874241	normal	T>T (-)	20 (0,30)	6580/6580 (100,00)	625/625 (100,00)

173874287	normal	T>C (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173874285	normal	A>C (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173874274	normal	A>G (-)	6 (0,09)	6580/6580 (100,00)	625/625 (100,00)
173874269	normal	A>T (-)	6 (0,09)	6580/6580 (100,00)	625/625 (100,00)
173874264	normal	T>T (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
173874261	normal	A>T (-)	6 (0,09)	6580/6580 (100,00)	625/625 (100,00)
173874259	normal	T>A (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
173874254	normal	A>T (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
173874250	normal	T>G (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
173874246	normal	A>G (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
173874242	normal	T>T (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
173874558	normal	T>A (-)	23 (0,35)	6580/6580 (100,00)	625/625 (100,00)
173874557	normal	T>T (-)	40 (0,61)	6580/6580 (100,00)	625/625 (100,00)
173874554	normal	T>C (-)	39 (0,59)	6580/6580 (100,00)	625/625 (100,00)
173874550	normal	A>T (-)	18 (0,27)	6580/6580 (100,00)	625/625 (100,00)
173874549	normal	T>A (-)	38 (0,58)	6580/6580 (100,00)	625/625 (100,00)
173874548	normal	T>A (-)	37 (0,56)	6580/6580 (100,00)	625/625 (100,00)
173874553	normal	A>T (-)	32 (0,49)	6580/6580 (100,00)	625/625 (100,00)
173874552	normal	A>C (-)	22 (0,33)	6580/6580 (100,00)	625/625 (100,00)
173874551	normal	A>C (-)	10 (0,15)	6580/6580 (100,00)	625/625 (100,00)
173875088	normal	A>T (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
173875087	normal	A>G (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173875085	normal	T>A (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
173875084	normal	T>A (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173875082	normal	A>G (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
173875080	normal	A>G (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
173875076	normal	T>A (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
173875072	normal	T>A (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
173875089	normal	T>A (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173875081	normal	T>A (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173875079	normal	T>A (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173875073	normal	A>T (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173875640	normal	T>G (-)	9 (0,14)	6580/6580 (100,00)	625/625 (100,00)
173875639	normal	T>T (-)	9 (0,14)	6580/6580 (100,00)	625/625 (100,00)
173875638	normal	A>G (-)	10 (0,15)	6580/6580 (100,00)	625/625 (100,00)
173875636	normal	A>T (-)	6 (0,09)	6580/6580 (100,00)	625/625 (100,00)
173875635	normal	A>T (-)	7 (0,11)	6580/6580 (100,00)	625/625 (100,00)
173875634	normal	A>C (-)	8 (0,12)	6580/6580 (100,00)	625/625 (100,00)

173875631	normal	T>C (-)	10 (0,15)	6580/6580 (100,00)	625/625 (100,00)
173875629	normal	T>A (-)	10 (0,15)	6580/6580 (100,00)	625/625 (100,00)
173875625	normal	A>G (-)	9 (0,14)	6580/6580 (100,00)	625/625 (100,00)
173875624	normal	A>A (-)	8 (0,12)	6580/6580 (100,00)	625/625 (100,00)
173875623	normal	T>C (-)	9 (0,14)	6580/6580 (100,00)	625/625 (100,00)
173875621	normal	T>A (-)	9 (0,14)	6580/6580 (100,00)	625/625 (100,00)
173875620	normal	A>G (-)	7 (0,11)	6580/6580 (100,00)	625/625 (100,00)
173875619	normal	A>A (-)	8 (0,12)	6580/6580 (100,00)	625/625 (100,00)
173875618	normal	T>C (-)	8 (0,12)	6580/6580 (100,00)	625/625 (100,00)
173875617	normal	A>T (-)	8 (0,12)	6580/6580 (100,00)	625/625 (100,00)
173875615	normal	A>C (-)	5 (0,08)	6580/6580 (100,00)	625/625 (100,00)
173875614	normal	A>A (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
173875609	normal	T>A (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
173875607	normal	A>G (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
173875605	normal	A>G (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173875603	normal	T>C (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
173875600	normal	A>C (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173875598	normal	T>A (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
173875597	normal	T>A (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173875596	normal	T>G (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
173875593	normal	T>G (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
173875592	normal	A>T (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
173875591	normal	A>C (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
173875590	normal	A>G (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173875589	normal	A>T (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
173875588	normal	T>A (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
173875583	normal	T>T (-)	5 (0,08)	6580/6580 (100,00)	625/625 (100,00)
173875579	normal	A>T (-)	5 (0,08)	6580/6580 (100,00)	625/625 (100,00)
173875578	normal	T>A (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
173875577	normal	A>A (-)	5 (0,08)	6580/6580 (100,00)	625/625 (100,00)
173875576	normal	A>T (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
173875575	normal	T>C (-)	5 (0,08)	6580/6580 (100,00)	625/625 (100,00)
173875573	normal	T>C (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
173875571	normal	A>T (-)	5 (0,08)	6580/6580 (100,00)	625/625 (100,00)
173875570	normal	T>C (-)	5 (0,08)	6580/6580 (100,00)	625/625 (100,00)
173875569	normal	T>A (-)	5 (0,08)	6580/6580 (100,00)	625/625 (100,00)
173875567	normal	T>A (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173875566	normal	A>G (-)	5 (0,08)	6580/6580 (100,00)	625/625 (100,00)

173875564	normal	A>G (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
173875563	normal	T>G (-)	5 (0,08)	6580/6580 (100,00)	625/625 (100,00)
173875562	normal	T>A (-)	5 (0,08)	6580/6580 (100,00)	625/625 (100,00)
173875561	normal	A>T (-)	5 (0,08)	6580/6580 (100,00)	625/625 (100,00)
173875558	normal	A>C (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
173875557	normal	T>C (-)	5 (0,08)	6580/6580 (100,00)	625/625 (100,00)
173875556	normal	T>A (-)	5 (0,08)	6580/6580 (100,00)	625/625 (100,00)
173875554	normal	A>T (-)	5 (0,08)	6580/6580 (100,00)	625/625 (100,00)
173875553	normal	A>C (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
173875549	normal	T>A (-)	5 (0,08)	6580/6580 (100,00)	625/625 (100,00)
173875545	normal	A>C (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
173875544	normal	T>C (-)	5 (0,08)	6580/6580 (100,00)	625/625 (100,00)
173875543	normal	T>A (-)	5 (0,08)	6580/6580 (100,00)	625/625 (100,00)
173875540	normal	T>C (-)	5 (0,08)	6580/6580 (100,00)	625/625 (100,00)
173875539	normal	A>T (-)	5 (0,08)	6580/6580 (100,00)	625/625 (100,00)
173875538	normal	T>A (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
173875537	normal	T>T (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173875534	normal	T>G (-)	5 (0,08)	6580/6580 (100,00)	625/625 (100,00)
173875532	normal	A>C (-)	5 (0,08)	6580/6580 (100,00)	625/625 (100,00)
173875530	normal	A>G (-)	5 (0,08)	6580/6580 (100,00)	625/625 (100,00)
173875527	normal	T>A (-)	5 (0,08)	6580/6580 (100,00)	625/625 (100,00)
173875526	normal	A>A (-)	5 (0,08)	6580/6580 (100,00)	625/625 (100,00)
173875584	normal	T>A (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173875581	normal	A>C (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173875580	normal	T>C (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173875572	normal	A>T (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173875565	normal	T>A (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173875551	normal	A>C (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173875547	normal	A>T (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173875546	normal	A>G (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173875542	normal	A>T (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173875531	normal	A>T (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173875602	normal	A>G (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173875587	normal	A>T (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173875560	normal	A>G (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173875632	normal	A>A (-)	6 (0,09)	6580/6580 (100,00)	625/625 (100,00)
173876011	normal	A>G (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173876010	normal	T>T (-)	9 (0,14)	6580/6580 (100,00)	625/625 (100,00)



173876152	normal	T>C (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173876151	normal	A>T (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173876149	normal	T>C (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
173876145	normal	T>G (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
173876144	normal	A>T (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
173876143	normal	T>A (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
173876142	normal	A>G (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
173876141	normal	T>C (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
173876140	normal	T>T (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173876137	normal	A>G (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173876136	normal	T>A (-)	5 (0,08)	6580/6580 (100,00)	625/625 (100,00)
173876135	normal	T>T (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
173876131	normal	T>C (-)	5 (0,08)	6580/6580 (100,00)	625/625 (100,00)
173876129	normal	A>A (-)	7 (0,11)	6580/6580 (100,00)	625/625 (100,00)
173876128	normal	A>T (-)	7 (0,11)	6580/6580 (100,00)	625/625 (100,00)
173876126	normal	T>T (-)	7 (0,11)	6580/6580 (100,00)	625/625 (100,00)
173876125	normal	T>G (-)	5 (0,08)	6580/6580 (100,00)	625/625 (100,00)
173876121	normal	A>T (-)	7 (0,11)	6580/6580 (100,00)	625/625 (100,00)
173876120	normal	T>C (-)	7 (0,11)	6580/6580 (100,00)	625/625 (100,00)
173876119	normal	A>A (-)	7 (0,11)	6580/6580 (100,00)	625/625 (100,00)
173876117	normal	A>G (-)	5 (0,08)	6580/6580 (100,00)	625/625 (100,00)
173876115	normal	A>G (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
173876112	normal	T>C (-)	6 (0,09)	6580/6580 (100,00)	625/625 (100,00)
173876108	normal	A>T (-)	6 (0,09)	6580/6580 (100,00)	625/625 (100,00)
173876106	normal	T>A (-)	6 (0,09)	6580/6580 (100,00)	625/625 (100,00)
173876101	normal	T>T (-)	9 (0,14)	6580/6580 (100,00)	625/625 (100,00)
173876100	normal	T>A (-)	7 (0,11)	6580/6580 (100,00)	625/625 (100,00)
173876098	normal	T>A (-)	5 (0,08)	6580/6580 (100,00)	625/625 (100,00)
173876093	normal	A>G (-)	9 (0,14)	6580/6580 (100,00)	625/625 (100,00)
173876092	normal	T>A (-)	9 (0,14)	6580/6580 (100,00)	625/625 (100,00)
173876091	normal	T>A (-)	8 (0,12)	6580/6580 (100,00)	625/625 (100,00)
173876089	normal	T>A (-)	8 (0,12)	6580/6580 (100,00)	625/625 (100,00)
173876088	normal	A>G (-)	5 (0,08)	6580/6580 (100,00)	625/625 (100,00)
173876083	normal	T>A (-)	7 (0,11)	6580/6580 (100,00)	625/625 (100,00)
173876077	normal	A>T (-)	8 (0,12)	6580/6580 (100,00)	625/625 (100,00)
173876076	normal	T>C (-)	6 (0,09)	6580/6580 (100,00)	625/625 (100,00)
173876075	normal	A>T (-)	5 (0,08)	6580/6580 (100,00)	625/625 (100,00)
173876073	normal	A>T (-)	8 (0,12)	6580/6580 (100,00)	625/625 (100,00)

173876072	normal	T>G (-)	8 (0,12)	6580/6580 (100,00)	625/625 (100,00)
173876071	normal	T>T (-)	8 (0,12)	6580/6580 (100,00)	625/625 (100,00)
173876070	normal	T>G (-)	5 (0,08)	6580/6580 (100,00)	625/625 (100,00)
173876068	normal	T>T (-)	7 (0,11)	6580/6580 (100,00)	625/625 (100,00)
173876066	normal	T>C (-)	8 (0,12)	6580/6580 (100,00)	625/625 (100,00)
173876065	normal	A>A (-)	8 (0,12)	6580/6580 (100,00)	625/625 (100,00)
173876061	normal	A>A (-)	8 (0,12)	6580/6580 (100,00)	625/625 (100,00)
173876060	normal	A>G (-)	8 (0,12)	6580/6580 (100,00)	625/625 (100,00)
173876059	normal	T>A (-)	7 (0,11)	6580/6580 (100,00)	625/625 (100,00)
173876057	normal	T>C (-)	8 (0,12)	6580/6580 (100,00)	625/625 (100,00)
173876056	normal	A>T (-)	8 (0,12)	6580/6580 (100,00)	625/625 (100,00)
173876055	normal	T>C (-)	5 (0,08)	6580/6580 (100,00)	625/625 (100,00)
173876053	normal	T>A (-)	8 (0,12)	6580/6580 (100,00)	625/625 (100,00)
173876052	normal	A>G (-)	7 (0,11)	6580/6580 (100,00)	625/625 (100,00)
173876048	normal	A>T (-)	5 (0,08)	6580/6580 (100,00)	625/625 (100,00)
173876045	normal	T>A (-)	8 (0,12)	6580/6580 (100,00)	625/625 (100,00)
173876043	normal	T>C (-)	8 (0,12)	6580/6580 (100,00)	625/625 (100,00)
173876042	normal	A>T (-)	9 (0,14)	6580/6580 (100,00)	625/625 (100,00)
173876041	normal	T>C (-)	6 (0,09)	6580/6580 (100,00)	625/625 (100,00)
173876040	normal	A>A (-)	6 (0,09)	6580/6580 (100,00)	625/625 (100,00)
173876039	normal	A>G (-)	8 (0,12)	6580/6580 (100,00)	625/625 (100,00)
173876038	normal	T>A (-)	7 (0,11)	6580/6580 (100,00)	625/625 (100,00)
173876036	normal	T>G (-)	8 (0,12)	6580/6580 (100,00)	625/625 (100,00)
173876033	normal	T>C (-)	8 (0,12)	6580/6580 (100,00)	625/625 (100,00)
173876032	normal	A>T (-)	7 (0,11)	6580/6580 (100,00)	625/625 (100,00)
173876030	normal	A>C (-)	8 (0,12)	6580/6580 (100,00)	625/625 (100,00)
173876029	normal	A>A (-)	5 (0,08)	6580/6580 (100,00)	625/625 (100,00)
173876027	normal	T>C (-)	8 (0,12)	6580/6580 (100,00)	625/625 (100,00)
173876024	normal	T>C (-)	7 (0,11)	6580/6580 (100,00)	625/625 (100,00)
173876022	normal	T>T (-)	7 (0,11)	6580/6580 (100,00)	625/625 (100,00)
173876020	normal	A>A (-)	8 (0,12)	6580/6580 (100,00)	625/625 (100,00)
173876019	normal	A>C (-)	8 (0,12)	6580/6580 (100,00)	625/625 (100,00)
173876122	normal	A>A (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173876114	normal	A>G (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173876082	normal	T>A (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173876079	normal	T>G (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173876074	normal	A>A (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173876069	normal	T>G (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)

173876067	normal	T>T (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173876062	normal	T>C (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173876058	normal	T>T (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173876054	normal	T>G (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173876047	normal	A>T (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173876031	normal	A>A (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173876028	normal	A>T (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173876025	normal	A>T (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173876023	normal	T>G (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173876021	normal	T>C (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173876012	normal	A>C (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173876113	normal	A>G (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173876158	normal	T>C (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173876170	normal	T>C (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
173876169	normal	A>G (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173876168	normal	T>A (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173876166	normal	A>T (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173876165	normal	T>C (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173876164	normal	A>T (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173876162	normal	T>C (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173876161	normal	T>T (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173876160	normal	A>G (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173876157	normal	A>T (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173876156	normal	A>C (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173876155	normal	T>A (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173876154	normal	A>G (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173876130	normal	T>C (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173876102	normal	T>G (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173876094	normal	T>A (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173876086	normal	A>C (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173876081	normal	T>T (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173876078	normal	T>C (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173876046	normal	A>G (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173878323	normal	T>C (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173878512	normal	T>C (-)	6 (0,09)	6580/6580 (100,00)	625/625 (100,00)
173878509	normal	A>T (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173878508	normal	A>T (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173878507	normal	A>C (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)

173878506	normal	A>G (-)	5 (0,08)	6580/6580 (100,00)	625/625 (100,00)
173878503	normal	T>A (-)	5 (0,08)	6580/6580 (100,00)	625/625 (100,00)
173878502	normal	A>G (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173878501	normal	A>G (-)	5 (0,08)	6580/6580 (100,00)	625/625 (100,00)
173878500	normal	T>A (-)	6 (0,09)	6580/6580 (100,00)	625/625 (100,00)
173878497	normal	T>G (-)	5 (0,08)	6580/6580 (100,00)	625/625 (100,00)
173878496	normal	T>T (-)	7 (0,11)	6580/6580 (100,00)	625/625 (100,00)
173878379	normal	A>G (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173878514	normal	T>C (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173878510	normal	T>G (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
173879122	normal	T>C (-)	19 (0,29)	6580/6580 (100,00)	625/625 (100,00)
173879822	normal	A>T (-)	17 (0,26)	6580/6580 (100,00)	625/625 (100,00)
173879819	normal	T>A (-)	31 (0,47)	6580/6580 (100,00)	625/625 (100,00)
173879811	normal	A>A (-)	17 (0,26)	6580/6580 (100,00)	625/625 (100,00)
173879809	normal	T>C (-)	36 (0,55)	6580/6580 (100,00)	625/625 (100,00)
173879808	normal	A>T (-)	43 (0,65)	6580/6580 (100,00)	625/625 (100,00)
173879806	normal	T>A (-)	44 (0,67)	6580/6580 (100,00)	625/625 (100,00)
173879805	normal	A>A (-)	40 (0,61)	6580/6580 (100,00)	625/625 (100,00)
173879800	normal	A>T (-)	44 (0,67)	6580/6580 (100,00)	625/625 (100,00)
173879794	normal	A>G (-)	45 (0,68)	6580/6580 (100,00)	625/625 (100,00)
173879793	normal	A>G (-)	23 (0,35)	6580/6580 (100,00)	625/625 (100,00)
173879792	normal	A>G (-)	19 (0,29)	6580/6580 (100,00)	625/625 (100,00)
173879787	normal	A>G (-)	32 (0,49)	6580/6580 (100,00)	625/625 (100,00)
173879785	normal	T>A (-)	33 (0,50)	6580/6580 (100,00)	625/625 (100,00)
173879784	normal	T>C (-)	26 (0,40)	6580/6580 (100,00)	625/625 (100,00)
173879783	normal	A>T (-)	20 (0,30)	6580/6580 (100,00)	625/625 (100,00)
173879781	normal	T>C (-)	21 (0,32)	6580/6580 (100,00)	625/625 (100,00)
173879779	normal	A>C (-)	13 (0,20)	6580/6580 (100,00)	625/625 (100,00)
173879775	normal	T>C (-)	16 (0,24)	6580/6580 (100,00)	625/625 (100,00)
173879774	normal	A>G (-)	11 (0,17)	6580/6580 (100,00)	625/625 (100,00)
173879773	normal	A>A (-)	9 (0,14)	6580/6580 (100,00)	625/625 (100,00)
173879797	normal	T>A (-)	27 (0,41)	6580/6580 (100,00)	625/625 (100,00)
173879795	normal	T>A (-)	12 (0,18)	6580/6580 (100,00)	625/625 (100,00)
173879778	normal	A>C (-)	6 (0,09)	6580/6580 (100,00)	625/625 (100,00)
173879973	normal	A>G (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
173879851	normal	T>C (-)	9 (0,14)	6580/6580 (100,00)	625/625 (100,00)
173879849	normal	T>C (-)	18 (0,27)	6580/6580 (100,00)	625/625 (100,00)
173879848	normal	A>T (-)	16 (0,24)	6580/6580 (100,00)	625/625 (100,00)

173879847	normal	T>C (-)	16 (0,24)	6580/6580 (100,00)	625/625 (100,00)
173879846	normal	A>T (-)	17 (0,26)	6580/6580 (100,00)	625/625 (100,00)
173879845	normal	T>C (-)	9 (0,14)	6580/6580 (100,00)	625/625 (100,00)
173879843	normal	A>A (-)	18 (0,27)	6580/6580 (100,00)	625/625 (100,00)
173879842	normal	A>G (-)	21 (0,32)	6580/6580 (100,00)	625/625 (100,00)
173879841	normal	T>A (-)	20 (0,30)	6580/6580 (100,00)	625/625 (100,00)
173879840	normal	A>G (-)	20 (0,30)	6580/6580 (100,00)	625/625 (100,00)
173879839	normal	T>C (-)	13 (0,20)	6580/6580 (100,00)	625/625 (100,00)
173879837	normal	A>C (-)	22 (0,33)	6580/6580 (100,00)	625/625 (100,00)
173879836	normal	A>A (-)	12 (0,18)	6580/6580 (100,00)	625/625 (100,00)
173879879	normal	T>C (-)	12 (0,18)	6580/6580 (100,00)	625/625 (100,00)
173879876	normal	A>G (-)	15 (0,23)	6580/6580 (100,00)	625/625 (100,00)
173879872	normal	A>G (-)	14 (0,21)	6580/6580 (100,00)	625/625 (100,00)
173879870	normal	A>G (-)	13 (0,20)	6580/6580 (100,00)	625/625 (100,00)
173879868	normal	A>C (-)	13 (0,20)	6580/6580 (100,00)	625/625 (100,00)
173879864	normal	A>A (-)	11 (0,17)	6580/6580 (100,00)	625/625 (100,00)
173879863	normal	A>G (-)	17 (0,26)	6580/6580 (100,00)	625/625 (100,00)
173879860	normal	T>A (-)	11 (0,17)	6580/6580 (100,00)	625/625 (100,00)
173879859	normal	A>C (-)	17 (0,26)	6580/6580 (100,00)	625/625 (100,00)
173879856	normal	T>C (-)	14 (0,21)	6580/6580 (100,00)	625/625 (100,00)
173879854	normal	A>T (-)	12 (0,18)	6580/6580 (100,00)	625/625 (100,00)
173879853	normal	T>C (-)	17 (0,26)	6580/6580 (100,00)	625/625 (100,00)
173879852	normal	A>T (-)	15 (0,23)	6580/6580 (100,00)	625/625 (100,00)
173879850	normal	T>G (-)	11 (0,17)	6580/6580 (100,00)	625/625 (100,00)
173879844	normal	T>C (-)	11 (0,17)	6580/6580 (100,00)	625/625 (100,00)
173879838	normal	T>A (-)	11 (0,17)	6580/6580 (100,00)	625/625 (100,00)
173879832	normal	A>T (-)	16 (0,24)	6580/6580 (100,00)	625/625 (100,00)
173880019	normal	A>G (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173879862	normal	T>A (-)	6 (0,09)	6580/6580 (100,00)	625/625 (100,00)
173879857	normal	T>C (-)	8 (0,12)	6580/6580 (100,00)	625/625 (100,00)
173879855	normal	A>T (-)	8 (0,12)	6580/6580 (100,00)	625/625 (100,00)
173879877	normal	A>T (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173879861	normal	T>A (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173879833	normal	A>T (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173879994	normal	A>T (-)	5 (0,08)	6580/6580 (100,00)	625/625 (100,00)
173879886	normal	A>A (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
173879824	normal	T>A (-)	6 (0,09)	6580/6580 (100,00)	625/625 (100,00)
173879821	normal	A>T (-)	8 (0,12)	6580/6580 (100,00)	625/625 (100,00)

173879932	normal	A>G (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
173879980	normal	A>G (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
173879825	normal	T>A (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173880014	normal	T>C (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173880012	normal	A>A (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173880011	normal	A>G (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173880009	normal	A>G (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173880008	normal	T>C (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173880005	normal	T>C (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173880002	normal	A>T (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173880000	normal	A>A (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173879997	normal	A>A (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173879993	normal	T>G (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173879990	normal	T>T (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173879989	normal	T>G (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173879988	normal	T>T (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173879985	normal	A>A (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173879983	normal	A>T (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173879982	normal	T>A (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173879978	normal	A>C (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173879976	normal	A>G (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173879975	normal	T>A (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173879969	normal	A>G (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173879968	normal	T>A (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173879966	normal	A>T (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173879965	normal	T>C (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173879964	normal	A>A (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173879963	normal	A>C (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173879958	normal	T>G (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173879952	normal	T>C (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173879949	normal	A>T (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173879945	normal	T>A (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173879942	normal	T>C (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173879940	normal	A>A (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173879939	normal	A>T (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173879938	normal	T>C (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173879935	normal	A>T (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173879934	normal	T>G (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)

173879933	normal	T>A (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173879931	normal	T>C (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173879930	normal	A>T (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173879929	normal	T>C (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173879928	normal	A>A (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173879927	normal	A>C (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173879926	normal	A>T (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173879925	normal	T>G (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173879924	normal	T>T (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173879922	normal	T>C (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173879921	normal	A>T (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173879920	normal	T>G (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173879918	normal	T>T (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173879917	normal	T>G (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173879916	normal	T>C (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173879915	normal	A>T (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173879912	normal	T>T (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173879908	normal	A>C (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173879907	normal	A>A (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
173879904	normal	A>A (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173879900	normal	T>C (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
173879898	normal	A>T (-)	8 (0,12)	6580/6580 (100,00)	625/625 (100,00)
173879896	normal	T>A (-)	5 (0,08)	6580/6580 (100,00)	625/625 (100,00)
173879895	normal	A>A (-)	7 (0,11)	6580/6580 (100,00)	625/625 (100,00)
173879891	normal	T>A (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
173879890	normal	T>C (-)	6 (0,09)	6580/6580 (100,00)	625/625 (100,00)
173879889	normal	A>T (-)	6 (0,09)	6580/6580 (100,00)	625/625 (100,00)
173879888	normal	A>T (-)	5 (0,08)	6580/6580 (100,00)	625/625 (100,00)
173879887	normal	T>A (-)	6 (0,09)	6580/6580 (100,00)	625/625 (100,00)
173879885	normal	A>T (-)	5 (0,08)	6580/6580 (100,00)	625/625 (100,00)
173879884	normal	T>C (-)	5 (0,08)	6580/6580 (100,00)	625/625 (100,00)
173879882	normal	A>G (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
173879881	normal	T>A (-)	5 (0,08)	6580/6580 (100,00)	625/625 (100,00)
173880036	normal	T>C (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173879941	normal	A>T (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173879905	normal	A>A (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173879902	normal	T>A (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173879897	normal	T>C (-)	5 (0,08)	6580/6580 (100,00)	625/625 (100,00)

173879892	normal	T>T (-)	5 (0,08)	6580/6580 (100,00)	625/625 (100,00)
173879880	normal	T>C (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173879878	normal	A>G (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173879867	normal	A>A (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173879830	normal	T>C (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173880041	normal	T>G (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173879944	normal	A>G (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173880025	normal	A>T (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173880021	normal	A>G (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173880015	normal	A>T (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173880033	normal	T>C (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173880378	normal	T>C (-)	47 (0,71)	6580/6580 (100,00)	625/625 (100,00)
173880377	normal	T>T (-)	45 (0,68)	6580/6580 (100,00)	625/625 (100,00)
173880375	normal	A>G (-)	46 (0,70)	6580/6580 (100,00)	625/625 (100,00)
173880373	normal	A>A (-)	38 (0,58)	6580/6580 (100,00)	625/625 (100,00)
173880372	normal	A>C (-)	37 (0,56)	6580/6580 (100,00)	625/625 (100,00)
173880371	normal	T>A (-)	45 (0,68)	6580/6580 (100,00)	625/625 (100,00)
173880369	normal	A>G (-)	45 (0,68)	6580/6580 (100,00)	625/625 (100,00)
173880394	normal	A>T (-)	42 (0,64)	6580/6580 (100,00)	625/625 (100,00)
173880393	normal	A>T (-)	50 (0,76)	6580/6580 (100,00)	625/625 (100,00)
173880392	normal	T>C (-)	50 (0,76)	6580/6580 (100,00)	625/625 (100,00)
173880389	normal	A>T (-)	50 (0,76)	6580/6580 (100,00)	625/625 (100,00)
173880386	normal	T>T (-)	49 (0,74)	6580/6580 (100,00)	625/625 (100,00)
173880385	normal	A>G (-)	49 (0,74)	6580/6580 (100,00)	625/625 (100,00)
173880384	normal	T>C (-)	48 (0,73)	6580/6580 (100,00)	625/625 (100,00)
173880382	normal	A>T (-)	47 (0,71)	6580/6580 (100,00)	625/625 (100,00)
173880396	normal	A>C (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
173880432	normal	A>C (-)	11 (0,17)	6580/6580 (100,00)	625/625 (100,00)
173880441	normal	T>A (-)	7 (0,11)	6580/6580 (100,00)	625/625 (100,00)
173880582	normal	T>G (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173880422	normal	A>T (-)	10 (0,15)	6580/6580 (100,00)	625/625 (100,00)
173880414	normal	A>C (-)	11 (0,17)	6580/6580 (100,00)	625/625 (100,00)
173880412	normal	A>A (-)	11 (0,17)	6580/6580 (100,00)	625/625 (100,00)
173880408	normal	A>C (-)	14 (0,21)	6580/6580 (100,00)	625/625 (100,00)
173880406	normal	A>T (-)	13 (0,20)	6580/6580 (100,00)	625/625 (100,00)
173880404	normal	A>T (-)	11 (0,17)	6580/6580 (100,00)	625/625 (100,00)
173880402	normal	A>A (-)	12 (0,18)	6580/6580 (100,00)	625/625 (100,00)
173880398	normal	A>G (-)	15 (0,23)	6580/6580 (100,00)	625/625 (100,00)



173880391	normal	T>A (-)	9 (0,14)	6580/6580 (100,00)	625/625 (100,00)
173880387	normal	T>A (-)	8 (0,12)	6580/6580 (100,00)	625/625 (100,00)
173880383	normal	T>C (-)	7 (0,11)	6580/6580 (100,00)	625/625 (100,00)
173880381	normal	A>T (-)	7 (0,11)	6580/6580 (100,00)	625/625 (100,00)
173880368	normal	A>G (-)	8 (0,12)	6580/6580 (100,00)	625/625 (100,00)
173880366	normal	T>C (-)	8 (0,12)	6580/6580 (100,00)	625/625 (100,00)
173880462	normal	T>A (-)	8 (0,12)	6580/6580 (100,00)	625/625 (100,00)
173880497	normal	A>T (-)	5 (0,08)	6580/6580 (100,00)	625/625 (100,00)
173880496	normal	T>A (-)	6 (0,09)	6580/6580 (100,00)	625/625 (100,00)
173880493	normal	A>C (-)	5 (0,08)	6580/6580 (100,00)	625/625 (100,00)
173880490	normal	A>T (-)	5 (0,08)	6580/6580 (100,00)	625/625 (100,00)
173880489	normal	T>C (-)	5 (0,08)	6580/6580 (100,00)	625/625 (100,00)
173880487	normal	A>G (-)	5 (0,08)	6580/6580 (100,00)	625/625 (100,00)
173880486	normal	A>C (-)	5 (0,08)	6580/6580 (100,00)	625/625 (100,00)
173880485	normal	T>A (-)	5 (0,08)	6580/6580 (100,00)	625/625 (100,00)
173880480	normal	A>T (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
173880479	normal	A>C (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
173880475	normal	T>T (-)	5 (0,08)	6580/6580 (100,00)	625/625 (100,00)
173880474	normal	T>G (-)	5 (0,08)	6580/6580 (100,00)	625/625 (100,00)
173880473	normal	A>T (-)	5 (0,08)	6580/6580 (100,00)	625/625 (100,00)
173880472	normal	T>A (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
173880469	normal	T>T (-)	5 (0,08)	6580/6580 (100,00)	625/625 (100,00)
173880468	normal	A>G (-)	5 (0,08)	6580/6580 (100,00)	625/625 (100,00)
173880467	normal	A>A (-)	5 (0,08)	6580/6580 (100,00)	625/625 (100,00)
173880465	normal	T>T (-)	5 (0,08)	6580/6580 (100,00)	625/625 (100,00)
173880464	normal	A>G (-)	5 (0,08)	6580/6580 (100,00)	625/625 (100,00)
173880463	normal	A>C (-)	5 (0,08)	6580/6580 (100,00)	625/625 (100,00)
173880458	normal	A>G (-)	6 (0,09)	6580/6580 (100,00)	625/625 (100,00)
173880457	normal	A>C (-)	5 (0,08)	6580/6580 (100,00)	625/625 (100,00)
173880453	normal	A>T (-)	6 (0,09)	6580/6580 (100,00)	625/625 (100,00)
173880452	normal	T>C (-)	5 (0,08)	6580/6580 (100,00)	625/625 (100,00)
173880451	normal	A>T (-)	6 (0,09)	6580/6580 (100,00)	625/625 (100,00)
173880450	normal	T>C (-)	6 (0,09)	6580/6580 (100,00)	625/625 (100,00)
173880449	normal	A>T (-)	5 (0,08)	6580/6580 (100,00)	625/625 (100,00)
173880447	normal	T>C (-)	6 (0,09)	6580/6580 (100,00)	625/625 (100,00)
173880446	normal	A>T (-)	5 (0,08)	6580/6580 (100,00)	625/625 (100,00)
173880444	normal	A>C (-)	7 (0,11)	6580/6580 (100,00)	625/625 (100,00)
173880443	normal	T>A (-)	6 (0,09)	6580/6580 (100,00)	625/625 (100,00)

173880442	normal	A>T (-)	6 (0,09)	6580/6580 (100,00)	625/625 (100,00)
173880440	normal	A>T (-)	5 (0,08)	6580/6580 (100,00)	625/625 (100,00)
173880438	normal	A>A (-)	9 (0,14)	6580/6580 (100,00)	625/625 (100,00)
173880435	normal	T>T (-)	10 (0,15)	6580/6580 (100,00)	625/625 (100,00)
173880434	normal	A>G (-)	10 (0,15)	6580/6580 (100,00)	625/625 (100,00)
173880426	normal	A>C (-)	12 (0,18)	6580/6580 (100,00)	625/625 (100,00)
173880424	normal	A>T (-)	11 (0,17)	6580/6580 (100,00)	625/625 (100,00)
173880540	normal	T>T (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173880439	normal	A>C (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173880539	normal	A>G (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173880589	normal	A>G (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173880588	normal	T>A (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173880587	normal	T>T (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173880586	normal	A>G (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173880585	normal	A>C (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173880584	normal	T>A (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173880583	normal	T>T (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173880580	normal	A>T (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173880578	normal	A>C (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173880577	normal	T>A (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173880575	normal	A>T (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173880574	normal	T>C (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173880570	normal	A>T (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173880569	normal	T>C (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173880567	normal	T>T (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173880559	normal	A>C (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173880558	normal	T>A (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173880557	normal	T>T (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173880556	normal	A>G (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173880554	normal	T>A (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173880553	normal	A>G (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173880552	normal	A>C (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173880551	normal	A>A (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173880550	normal	A>C (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173880549	normal	T>A (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173880548	normal	T>T (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173880545	normal	A>G (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173880543	normal	T>C (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)

173880542	normal	A>T (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173880541	normal	T>A (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173880537	normal	T>A (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173880533	normal	A>T (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173880532	normal	T>C (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173880530	normal	A>G (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173880528	normal	A>G (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173880522	normal	T>C (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173880521	normal	T>T (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173880520	normal	A>G (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173880519	normal	A>C (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173880516	normal	A>C (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173880512	normal	A>G (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173880509	normal	T>A (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173880506	normal	T>T (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173880505	normal	T>A (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
173880500	normal	T>C (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
173880415	normal	A>A (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173880413	normal	A>C (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173880409	normal	A>A (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173880403	normal	A>C (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173880635	normal	T>C (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173880661	normal	T>G (-)	5 (0,08)	6580/6580 (100,00)	625/625 (100,00)
173880664	normal	T>G (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173880637	normal	T>C (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173880478	normal	A>G (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173880534	normal	T>C (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173880477	normal	A>T (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173880459	normal	T>C (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173880454	normal	T>C (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173880448	normal	A>T (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173880437	normal	A>T (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173880433	normal	A>A (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173880431	normal	A>C (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173880680	normal	T>A (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173880678	normal	T>A (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173880677	normal	A>T (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173880676	normal	T>A (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)

173880675	normal	A>T (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173880674	normal	A>A (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173880672	normal	A>C (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173880666	normal	T>G (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
173880665	normal	T>T (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
173880660	normal	T>T (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173880673	normal	A>A (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173880670	normal	A>G (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173881677	normal	T>G (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173882268	normal	A>G (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173882267	normal	A>A (-)	5 (0,08)	6580/6580 (100,00)	625/625 (100,00)
173882263	normal	T>T (-)	5 (0,08)	6580/6580 (100,00)	625/625 (100,00)
173882262	normal	A>G (-)	6 (0,09)	6580/6580 (100,00)	625/625 (100,00)
173882261	normal	A>A (-)	6 (0,09)	6580/6580 (100,00)	625/625 (100,00)
173882259	normal	A>A (-)	5 (0,08)	6580/6580 (100,00)	625/625 (100,00)
173882258	normal	T>C (-)	6 (0,09)	6580/6580 (100,00)	625/625 (100,00)
173882255	normal	A>C (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
173882254	normal	T>A (-)	6 (0,09)	6580/6580 (100,00)	625/625 (100,00)
173882253	normal	T>G (-)	6 (0,09)	6580/6580 (100,00)	625/625 (100,00)
173882252	normal	A>T (-)	6 (0,09)	6580/6580 (100,00)	625/625 (100,00)
173882250	normal	T>T (-)	5 (0,08)	6580/6580 (100,00)	625/625 (100,00)
173882245	normal	T>G (-)	5 (0,08)	6580/6580 (100,00)	625/625 (100,00)
173882241	normal	A>T (-)	6 (0,09)	6580/6580 (100,00)	625/625 (100,00)
173882238	normal	A>G (-)	5 (0,08)	6580/6580 (100,00)	625/625 (100,00)
173882235	normal	T>A (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
173882231	normal	A>T (-)	5 (0,08)	6580/6580 (100,00)	625/625 (100,00)
173882229	normal	T>C (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
173882228	normal	A>T (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
173882227	normal	T>C (-)	5 (0,08)	6580/6580 (100,00)	625/625 (100,00)
173882226	normal	A>T (-)	6 (0,09)	6580/6580 (100,00)	625/625 (100,00)
173882224	normal	T>C (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
173882223	normal	A>A (-)	5 (0,08)	6580/6580 (100,00)	625/625 (100,00)
173882222	normal	T>A (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
173882220	normal	T>T (-)	10 (0,15)	6580/6580 (100,00)	625/625 (100,00)
173882219	normal	T>C (-)	6 (0,09)	6580/6580 (100,00)	625/625 (100,00)
173882216	normal	T>G (-)	6 (0,09)	6580/6580 (100,00)	625/625 (100,00)
173882188	normal	T>T (-)	16 (0,24)	6580/6580 (100,00)	625/625 (100,00)
173882187	normal	A>T (-)	15 (0,23)	6580/6580 (100,00)	625/625 (100,00)

173882186	normal	T>G (-)	13 (0,20)	6580/6580 (100,00)	625/625 (100,00)
173882185	normal	A>T (-)	7 (0,11)	6580/6580 (100,00)	625/625 (100,00)
173882184	normal	A>T (-)	13 (0,20)	6580/6580 (100,00)	625/625 (100,00)
173882183	normal	T>C (-)	12 (0,18)	6580/6580 (100,00)	625/625 (100,00)
173882179	normal	T>G (-)	13 (0,20)	6580/6580 (100,00)	625/625 (100,00)
173882178	normal	A>G (-)	8 (0,12)	6580/6580 (100,00)	625/625 (100,00)
173882177	normal	T>C (-)	8 (0,12)	6580/6580 (100,00)	625/625 (100,00)
173882176	normal	T>C (-)	9 (0,14)	6580/6580 (100,00)	625/625 (100,00)
173882172	normal	T>G (-)	11 (0,17)	6580/6580 (100,00)	625/625 (100,00)
173882171	normal	T>T (-)	7 (0,11)	6580/6580 (100,00)	625/625 (100,00)
173882170	normal	A>G (-)	12 (0,18)	6580/6580 (100,00)	625/625 (100,00)
173882169	normal	T>A (-)	6 (0,09)	6580/6580 (100,00)	625/625 (100,00)
173882166	normal	A>T (-)	10 (0,15)	6580/6580 (100,00)	625/625 (100,00)
173882164	normal	A>T (-)	11 (0,17)	6580/6580 (100,00)	625/625 (100,00)
173882161	normal	A>C (-)	10 (0,15)	6580/6580 (100,00)	625/625 (100,00)
173882159	normal	T>C (-)	12 (0,18)	6580/6580 (100,00)	625/625 (100,00)
173882158	normal	T>C (-)	13 (0,20)	6580/6580 (100,00)	625/625 (100,00)
173882157	normal	A>G (-)	10 (0,15)	6580/6580 (100,00)	625/625 (100,00)
173882156	normal	T>A (-)	7 (0,11)	6580/6580 (100,00)	625/625 (100,00)
173882153	normal	A>T (-)	10 (0,15)	6580/6580 (100,00)	625/625 (100,00)
173882152	normal	A>A (-)	7 (0,11)	6580/6580 (100,00)	625/625 (100,00)
173882151	normal	T>A (-)	11 (0,17)	6580/6580 (100,00)	625/625 (100,00)
173882149	normal	T>C (-)	6 (0,09)	6580/6580 (100,00)	625/625 (100,00)
173882146	normal	T>T (-)	11 (0,17)	6580/6580 (100,00)	625/625 (100,00)
173882145	normal	A>T (-)	9 (0,14)	6580/6580 (100,00)	625/625 (100,00)
173882142	normal	T>A (-)	11 (0,17)	6580/6580 (100,00)	625/625 (100,00)
173882141	normal	A>G (-)	6 (0,09)	6580/6580 (100,00)	625/625 (100,00)
173882136	normal	T>T (-)	11 (0,17)	6580/6580 (100,00)	625/625 (100,00)
173882134	normal	A>G (-)	11 (0,17)	6580/6580 (100,00)	625/625 (100,00)
173882133	normal	T>T (-)	11 (0,17)	6580/6580 (100,00)	625/625 (100,00)
173882131	normal	T>G (-)	10 (0,15)	6580/6580 (100,00)	625/625 (100,00)
173882128	normal	A>T (-)	10 (0,15)	6580/6580 (100,00)	625/625 (100,00)
173882123	normal	A>A (-)	9 (0,14)	6580/6580 (100,00)	625/625 (100,00)
173882122	normal	T>A (-)	8 (0,12)	6580/6580 (100,00)	625/625 (100,00)
173882121	normal	A>T (-)	5 (0,08)	6580/6580 (100,00)	625/625 (100,00)
173882120	normal	T>G (-)	5 (0,08)	6580/6580 (100,00)	625/625 (100,00)
173882116	normal	T>A (-)	9 (0,14)	6580/6580 (100,00)	625/625 (100,00)
173882115	normal	A>C (-)	5 (0,08)	6580/6580 (100,00)	625/625 (100,00)

173882191	normal	T>C (-)	15 (0,23)	6580/6580 (100,00)	625/625 (100,00)
173882205	normal	T>T (-)	24 (0,36)	6580/6580 (100,00)	625/625 (100,00)
173882203	normal	A>G (-)	17 (0,26)	6580/6580 (100,00)	625/625 (100,00)
173882201	normal	A>A (-)	18 (0,27)	6580/6580 (100,00)	625/625 (100,00)
173882200	normal	T>C (-)	17 (0,26)	6580/6580 (100,00)	625/625 (100,00)
173882198	normal	A>T (-)	17 (0,26)	6580/6580 (100,00)	625/625 (100,00)
173882197	normal	A>C (-)	17 (0,26)	6580/6580 (100,00)	625/625 (100,00)
173882196	normal	T>A (-)	16 (0,24)	6580/6580 (100,00)	625/625 (100,00)
173882195	normal	A>T (-)	14 (0,21)	6580/6580 (100,00)	625/625 (100,00)
173882193	normal	A>T (-)	10 (0,15)	6580/6580 (100,00)	625/625 (100,00)
173882182	normal	T>A (-)	7 (0,11)	6580/6580 (100,00)	625/625 (100,00)
173882175	normal	T>T (-)	6 (0,09)	6580/6580 (100,00)	625/625 (100,00)
173882167	normal	T>G (-)	6 (0,09)	6580/6580 (100,00)	625/625 (100,00)
173882165	normal	A>G (-)	7 (0,11)	6580/6580 (100,00)	625/625 (100,00)
173882160	normal	A>C (-)	6 (0,09)	6580/6580 (100,00)	625/625 (100,00)
173882148	normal	T>C (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
173882144	normal	A>G (-)	5 (0,08)	6580/6580 (100,00)	625/625 (100,00)
173882130	normal	T>A (-)	5 (0,08)	6580/6580 (100,00)	625/625 (100,00)
173882117	normal	A>G (-)	5 (0,08)	6580/6580 (100,00)	625/625 (100,00)
173882218	normal	T>A (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
173882212	normal	T>A (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
173882209	normal	A>T (-)	5 (0,08)	6580/6580 (100,00)	625/625 (100,00)
173882207	normal	A>C (-)	6 (0,09)	6580/6580 (100,00)	625/625 (100,00)
173882206	normal	T>A (-)	6 (0,09)	6580/6580 (100,00)	625/625 (100,00)
173882204	normal	T>T (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173882202	normal	A>G (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173882199	normal	T>C (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173882192	normal	A>A (-)	6 (0,09)	6580/6580 (100,00)	625/625 (100,00)
173882190	normal	T>C (-)	6 (0,09)	6580/6580 (100,00)	625/625 (100,00)
173882181	normal	T>A (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173882162	normal	A>T (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173882143	normal	A>G (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173882139	normal	A>T (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173882125	normal	A>G (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173882210	normal	T>C (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173882147	normal	T>G (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173882129	normal	T>A (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173882124	normal	A>C (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)

173882275	normal	A>T (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
173882272	normal	T>A (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173882271	normal	T>T (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
173882266	normal	T>C (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
173882269	normal	A>G (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173882264	normal	T>T (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173882256	normal	A>T (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173882248	normal	T>T (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173882247	normal	T>T (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173882240	normal	T>A (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173882237	normal	T>A (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173882232	normal	A>T (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173882211	normal	T>C (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173882273	normal	T>A (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173882225	normal	T>A (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173882274	normal	T>A (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173882230	normal	T>C (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173882547	normal	A>T (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173882378	normal	T>C (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173882595	normal	A>G (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173882593	normal	A>C (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173882591	normal	T>A (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173882590	normal	A>G (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173882589	normal	T>A (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173882586	normal	T>C (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173882585	normal	A>G (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173882583	normal	T>C (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173882582	normal	A>A (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173882581	normal	A>C (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173882577	normal	A>C (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173882575	normal	T>T (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173882574	normal	T>G (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173882572	normal	A>G (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173882571	normal	T>A (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173882570	normal	A>G (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173882569	normal	T>A (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173882568	normal	T>G (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173882567	normal	T>T (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)

173882566	normal	T>G (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173882561	normal	T>C (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173882560	normal	T>T (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173882558	normal	A>G (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173882557	normal	T>C (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173882556	normal	A>T (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173882555	normal	T>C (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173882548	normal	T>G (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173882545	normal	T>T (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173882543	normal	A>G (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173882542	normal	T>A (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173882541	normal	A>T (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173882539	normal	T>A (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173882536	normal	A>T (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173882535	normal	A>C (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173882534	normal	T>A (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173882533	normal	A>G (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173882532	normal	T>C (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173882530	normal	A>C (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173882529	normal	T>A (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173882528	normal	T>C (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173882527	normal	T>T (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173882525	normal	A>A (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173882524	normal	T>C (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173882522	normal	A>T (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173882393	normal	T>A (-)	6 (0,09)	6580/6580 (100,00)	625/625 (100,00)
173882665	normal	T>C (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173882653	normal	A>G (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173882677	normal	T>C (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173882671	normal	A>A (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173882668	normal	A>G (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173882667	normal	T>T (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173882666	normal	T>G (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173882660	normal	T>A (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173882656	normal	A>C (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173882655	normal	A>A (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173882652	normal	T>C (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173882651	normal	A>A (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)



173882650	normal	A>T (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173882647	normal	A>G (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173882646	normal	T>C (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173882644	normal	A>A (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173882642	normal	A>T (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173882641	normal	T>G (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173882640	normal	T>C (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173882639	normal	A>A (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173882637	normal	A>G (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173882631	normal	A>T (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173882630	normal	T>A (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173882629	normal	A>G (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173882627	normal	T>A (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173882626	normal	A>T (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173882625	normal	T>G (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173882622	normal	T>A (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173882621	normal	A>T (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173882619	normal	A>T (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173882617	normal	T>G (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173882616	normal	T>A (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173882615	normal	A>G (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173882614	normal	T>A (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173882611	normal	A>A (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173882610	normal	A>G (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173882606	normal	T>C (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173882603	normal	A>A (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173882602	normal	A>G (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173882600	normal	T>A (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173882596	normal	T>C (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173882592	normal	A>G (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173882587	normal	A>G (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173882564	normal	T>C (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173883440	normal	A>G (-)	8 (0,12)	6580/6580 (100,00)	625/625 (100,00)
173883438	normal	T>T (-)	8 (0,12)	6580/6580 (100,00)	625/625 (100,00)
173883436	normal	A>T (-)	12 (0,18)	6580/6580 (100,00)	625/625 (100,00)
173883435	normal	T>G (-)	7 (0,11)	6580/6580 (100,00)	625/625 (100,00)
173883432	normal	T>G (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173883431	normal	A>T (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)

173883430	normal	T>A (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173883429	normal	A>T (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173883428	normal	T>C (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173883426	normal	A>T (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173883423	normal	T>C (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173883421	normal	A>C (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173883419	normal	A>A (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173883418	normal	T>C (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173883416	normal	A>T (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173883411	normal	A>T (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173883407	normal	A>T (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173883405	normal	T>A (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173883403	normal	A>T (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173883402	normal	T>C (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173883399	normal	A>A (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173883398	normal	A>T (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173883397	normal	T>C (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173883394	normal	A>T (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173883393	normal	T>A (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173883392	normal	A>T (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173883391	normal	T>G (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173883390	normal	T>T (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173883389	normal	T>G (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173883386	normal	A>C (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173883385	normal	A>T (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173883384	normal	T>C (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173883383	normal	A>A (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173883382	normal	A>T (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173883381	normal	T>A (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173883377	normal	T>A (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173883373	normal	A>G (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173883371	normal	A>T (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173883370	normal	A>C (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173883366	normal	A>T (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173883365	normal	T>A (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173883361	normal	T>A (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173883358	normal	A>T (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173883357	normal	T>A (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)

173883355	normal	A>T (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173883353	normal	T>A (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173883351	normal	A>A (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173883347	normal	A>C (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173883346	normal	A>T (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173883345	normal	T>C (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173883340	normal	A>T (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173883339	normal	T>G (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173883338	normal	T>T (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173883337	normal	T>A (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173883333	normal	A>C (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
173883332	normal	T>C (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173883330	normal	A>G (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
173883329	normal	A>G (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173883324	normal	T>T (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173883323	normal	T>A (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173883322	normal	A>G (-)	5 (0,08)	6580/6580 (100,00)	625/625 (100,00)
173883321	normal	T>A (-)	5 (0,08)	6580/6580 (100,00)	625/625 (100,00)
173883320	normal	T>G (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173883319	normal	T>A (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
173883318	normal	A>G (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173883316	normal	A>G (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
173883315	normal	T>C (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
173883314	normal	T>C (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
173883310	normal	T>C (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
173883309	normal	A>T (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173883307	normal	T>C (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173883306	normal	A>T (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173883305	normal	T>C (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
173883304	normal	T>T (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173883302	normal	T>G (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173883301	normal	T>T (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173883299	normal	A>G (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173883297	normal	T>A (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173883296	normal	A>G (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173883294	normal	T>A (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
173883293	normal	A>G (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
173883292	normal	T>A (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)

173883291	normal	T>A (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
173883290	normal	A>G (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
173883289	normal	T>C (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173883288	normal	A>T (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173883287	normal	T>C (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173883284	normal	A>C (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173883283	normal	A>A (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173883281	normal	A>T (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173883280	normal	T>A (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173883279	normal	A>T (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173883278	normal	T>G (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173883275	normal	T>G (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173883273	normal	A>C (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173883270	normal	T>C (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173883269	normal	A>A (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173883344	normal	T>C (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173883342	normal	A>T (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173883334	normal	A>T (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173883331	normal	T>A (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173883328	normal	A>C (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173883317	normal	A>T (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173883308	normal	A>T (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173883303	normal	T>C (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173883298	normal	A>T (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173883295	normal	A>G (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173883282	normal	A>A (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173883439	normal	A>G (-)	10 (0,15)	6580/6580 (100,00)	625/625 (100,00)
173883406	normal	A>T (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173883404	normal	T>C (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173883400	normal	T>C (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173883387	normal	T>A (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173883380	normal	T>A (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173883463	normal	T>C (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173883459	normal	T>T (-)	10 (0,15)	6580/6580 (100,00)	625/625 (100,00)
173883457	normal	T>C (-)	12 (0,18)	6580/6580 (100,00)	625/625 (100,00)
173883455	normal	A>C (-)	11 (0,17)	6580/6580 (100,00)	625/625 (100,00)
173883452	normal	T>A (-)	8 (0,12)	6580/6580 (100,00)	625/625 (100,00)
173883437	normal	T>C (-)	9 (0,14)	6580/6580 (100,00)	625/625 (100,00)

173883434	normal	T>G (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173883453	normal	A>T (-)	8 (0,12)	6580/6580 (100,00)	625/625 (100,00)
173883451	normal	T>A (-)	8 (0,12)	6580/6580 (100,00)	625/625 (100,00)
173883447	normal	A>T (-)	8 (0,12)	6580/6580 (100,00)	625/625 (100,00)
173883461	normal	T>A (-)	5 (0,08)	6580/6580 (100,00)	625/625 (100,00)
173883448	normal	A>G (-)	5 (0,08)	6580/6580 (100,00)	625/625 (100,00)
173883449	normal	A>T (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173883920	normal	A>G (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173883935	normal	A>G (-)	8 (0,12)	6580/6580 (100,00)	625/625 (100,00)
173883934	normal	A>A (-)	6 (0,09)	6580/6580 (100,00)	625/625 (100,00)
173883932	normal	T>C (-)	7 (0,11)	6580/6580 (100,00)	625/625 (100,00)
173883929	normal	A>T (-)	5 (0,08)	6580/6580 (100,00)	625/625 (100,00)
173883923	normal	A>G (-)	6 (0,09)	6580/6580 (100,00)	625/625 (100,00)
173883922	normal	T>A (-)	5 (0,08)	6580/6580 (100,00)	625/625 (100,00)
173883921	normal	A>C (-)	6 (0,09)	6580/6580 (100,00)	625/625 (100,00)
173883919	normal	T>A (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
173883918	normal	A>G (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
173883916	normal	T>A (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
173883914	normal	A>G (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
173883913	normal	A>C (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
173883911	normal	A>A (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
173883910	normal	T>C (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
173883909	normal	T>T (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
173883908	normal	A>G (-)	5 (0,08)	6580/6580 (100,00)	625/625 (100,00)
173883907	normal	T>A (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173883905	normal	A>T (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173883904	normal	T>G (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173883903	normal	T>A (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173883902	normal	A>G (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173883897	normal	T>C (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173883896	normal	A>A (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173883895	normal	A>G (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173883894	normal	T>A (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173883893	normal	A>G (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173883889	normal	T>A (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173883888	normal	A>G (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173883884	normal	T>C (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173883883	normal	A>T (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)

173883880	normal	T>C (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173883878	normal	A>G (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173883875	normal	A>G (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173883873	normal	A>C (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173883872	normal	A>A (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173883870	normal	A>C (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173883868	normal	A>A (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173883866	normal	T>C (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173883863	normal	T>T (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173883862	normal	T>G (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173883861	normal	T>T (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173883859	normal	A>T (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173883857	normal	T>T (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173883854	normal	A>G (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173883851	normal	T>G (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173883850	normal	T>T (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173883928	normal	A>T (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173883926	normal	A>G (-)	5 (0,08)	6580/6580 (100,00)	625/625 (100,00)
173883924	normal	T>A (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173883917	normal	A>C (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173883915	normal	T>A (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173883912	normal	A>G (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173883899	normal	T>C (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173883892	normal	A>C (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173883881	normal	A>G (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173883879	normal	T>A (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173883876	normal	T>C (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173883874	normal	A>A (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173883871	normal	A>A (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173883869	normal	A>C (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173883867	normal	A>G (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173883865	normal	T>C (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173883853	normal	A>C (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173884211	normal	T>T (-)	37 (0,56)	6580/6580 (100,00)	625/625 (100,00)
173884210	normal	T>G (-)	31 (0,47)	6580/6580 (100,00)	625/625 (100,00)
173884206	normal	T>C (-)	31 (0,47)	6580/6580 (100,00)	625/625 (100,00)
173884200	normal	A>T (-)	13 (0,20)	6580/6580 (100,00)	625/625 (100,00)
173884198	normal	T>T (-)	26 (0,40)	6580/6580 (100,00)	625/625 (100,00)

173884197	normal	T>G (-)	18 (0,27)	6580/6580 (100,00)	625/625 (100,00)
173884196	normal	A>T (-)	25 (0,38)	6580/6580 (100,00)	625/625 (100,00)
173884193	normal	T>G (-)	6 (0,09)	6580/6580 (100,00)	625/625 (100,00)
173884191	normal	T>T (-)	6 (0,09)	6580/6580 (100,00)	625/625 (100,00)
173884189	normal	T>C (-)	6 (0,09)	6580/6580 (100,00)	625/625 (100,00)
173884188	normal	A>A (-)	8 (0,12)	6580/6580 (100,00)	625/625 (100,00)
173883933	normal	A>G (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173884192	normal	T>C (-)	5 (0,08)	6580/6580 (100,00)	625/625 (100,00)
173884190	normal	T>G (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
173884217	normal	T>T (-)	36 (0,55)	6580/6580 (100,00)	625/625 (100,00)
173884216	normal	A>G (-)	32 (0,49)	6580/6580 (100,00)	625/625 (100,00)
173884215	normal	A>G (-)	13 (0,20)	6580/6580 (100,00)	625/625 (100,00)
173884214	normal	A>A (-)	34 (0,52)	6580/6580 (100,00)	625/625 (100,00)
173884213	normal	A>A (-)	14 (0,21)	6580/6580 (100,00)	625/625 (100,00)
173884212	normal	T>C (-)	36 (0,55)	6580/6580 (100,00)	625/625 (100,00)
173884207	normal	A>G (-)	9 (0,14)	6580/6580 (100,00)	625/625 (100,00)
173884205	normal	T>C (-)	11 (0,17)	6580/6580 (100,00)	625/625 (100,00)
173884204	normal	T>C (-)	9 (0,14)	6580/6580 (100,00)	625/625 (100,00)
173884203	normal	A>G (-)	29 (0,44)	6580/6580 (100,00)	625/625 (100,00)
173884202	normal	A>G (-)	9 (0,14)	6580/6580 (100,00)	625/625 (100,00)
173884201	normal	A>T (-)	8 (0,12)	6580/6580 (100,00)	625/625 (100,00)
173884391	normal	A>G (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173884519	normal	T>G (-)	8 (0,12)	6580/6580 (100,00)	625/625 (100,00)
173884518	normal	T>T (-)	20 (0,30)	6580/6580 (100,00)	625/625 (100,00)
173884517	normal	A>G (-)	20 (0,30)	6580/6580 (100,00)	625/625 (100,00)
173884516	normal	T>C (-)	20 (0,30)	6580/6580 (100,00)	625/625 (100,00)
173884914	normal	T>C (-)	15 (0,23)	6580/6580 (100,00)	625/625 (100,00)
173884913	normal	A>T (-)	14 (0,21)	6580/6580 (100,00)	625/625 (100,00)
173884912	normal	A>C (-)	15 (0,23)	6580/6580 (100,00)	625/625 (100,00)
173884911	normal	T>A (-)	14 (0,21)	6580/6580 (100,00)	625/625 (100,00)
173884910	normal	T>G (-)	15 (0,23)	6580/6580 (100,00)	625/625 (100,00)
173884908	normal	T>A (-)	9 (0,14)	6580/6580 (100,00)	625/625 (100,00)
173884906	normal	A>G (-)	9 (0,14)	6580/6580 (100,00)	625/625 (100,00)
173884901	normal	T>A (-)	9 (0,14)	6580/6580 (100,00)	625/625 (100,00)
173884897	normal	T>C (-)	8 (0,12)	6580/6580 (100,00)	625/625 (100,00)
173884896	normal	A>G (-)	15 (0,23)	6580/6580 (100,00)	625/625 (100,00)
173884895	normal	T>C (-)	16 (0,24)	6580/6580 (100,00)	625/625 (100,00)
173884893	normal	T>A (-)	8 (0,12)	6580/6580 (100,00)	625/625 (100,00)

173884891	normal	T>A (-)	15 (0,23)	6580/6580 (100,00)	625/625 (100,00)
173884888	normal	A>T (-)	15 (0,23)	6580/6580 (100,00)	625/625 (100,00)
173884887	normal	T>A (-)	15 (0,23)	6580/6580 (100,00)	625/625 (100,00)
173884886	normal	A>G (-)	14 (0,21)	6580/6580 (100,00)	625/625 (100,00)
173884885	normal	T>A (-)	15 (0,23)	6580/6580 (100,00)	625/625 (100,00)
173884883	normal	T>A (-)	16 (0,24)	6580/6580 (100,00)	625/625 (100,00)
173884881	normal	T>G (-)	12 (0,18)	6580/6580 (100,00)	625/625 (100,00)
173884876	normal	A>T (-)	7 (0,11)	6580/6580 (100,00)	625/625 (100,00)
173884875	normal	T>A (-)	13 (0,20)	6580/6580 (100,00)	625/625 (100,00)
173884872	normal	T>C (-)	7 (0,11)	6580/6580 (100,00)	625/625 (100,00)
173884871	normal	A>T (-)	14 (0,21)	6580/6580 (100,00)	625/625 (100,00)
173884870	normal	A>C (-)	16 (0,24)	6580/6580 (100,00)	625/625 (100,00)
173884867	normal	A>C (-)	13 (0,20)	6580/6580 (100,00)	625/625 (100,00)
173884907	normal	A>G (-)	8 (0,12)	6580/6580 (100,00)	625/625 (100,00)
173884905	normal	T>A (-)	7 (0,11)	6580/6580 (100,00)	625/625 (100,00)
173884902	normal	T>G (-)	8 (0,12)	6580/6580 (100,00)	625/625 (100,00)
173884899	normal	T>A (-)	7 (0,11)	6580/6580 (100,00)	625/625 (100,00)
173884898	normal	T>C (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173884894	normal	T>T (-)	9 (0,14)	6580/6580 (100,00)	625/625 (100,00)
173884880	normal	A>T (-)	13 (0,20)	6580/6580 (100,00)	625/625 (100,00)
173884877	normal	A>G (-)	9 (0,14)	6580/6580 (100,00)	625/625 (100,00)
173884909	normal	T>T (-)	7 (0,11)	6580/6580 (100,00)	625/625 (100,00)
173884873	normal	T>C (-)	8 (0,12)	6580/6580 (100,00)	625/625 (100,00)
173885188	normal	T>G (-)	24 (0,36)	6580/6580 (100,00)	625/625 (100,00)
173885712	normal	T>A (-)	133 (2,02)	6580/6580 (100,00)	625/625 (100,00)
173885654	normal	A>T (-)	7 (0,11)	6580/6580 (100,00)	625/625 (100,00)
173885651	normal	A>T (-)	9 (0,14)	6580/6580 (100,00)	625/625 (100,00)
173885650	normal	T>C (-)	7 (0,11)	6580/6580 (100,00)	625/625 (100,00)
173885648	normal	A>T (-)	7 (0,11)	6580/6580 (100,00)	625/625 (100,00)
173885647	normal	T>C (-)	7 (0,11)	6580/6580 (100,00)	625/625 (100,00)
173885643	normal	T>A (-)	7 (0,11)	6580/6580 (100,00)	625/625 (100,00)
173885641	normal	A>G (-)	6 (0,09)	6580/6580 (100,00)	625/625 (100,00)
173885636	normal	T>C (-)	6 (0,09)	6580/6580 (100,00)	625/625 (100,00)
173885635	normal	T>C (-)	9 (0,14)	6580/6580 (100,00)	625/625 (100,00)
173885631	normal	A>T (-)	6 (0,09)	6580/6580 (100,00)	625/625 (100,00)
173885630	normal	A>T (-)	9 (0,14)	6580/6580 (100,00)	625/625 (100,00)
173885624	normal	A>T (-)	6 (0,09)	6580/6580 (100,00)	625/625 (100,00)
173885622	normal	T>C (-)	7 (0,11)	6580/6580 (100,00)	625/625 (100,00)



173885619	normal	T>C (-)	6 (0,09)	6580/6580 (100,00)	625/625 (100,00)
173885618	normal	T>C (-)	6 (0,09)	6580/6580 (100,00)	625/625 (100,00)
173885548	normal	T>A (-)	13 (0,20)	6580/6580 (100,00)	625/625 (100,00)
173885699	normal	A>C (-)	21 (0,32)	6580/6580 (100,00)	625/625 (100,00)
173885684	normal	A>G (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173885675	normal	A>C (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173885674	normal	T>A (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173885716	normal	A>G (-)	16 (0,24)	6580/6580 (100,00)	625/625 (100,00)
173885677	normal	T>A (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173885726	normal	T>A (-)	6 (0,09)	6580/6580 (100,00)	625/625 (100,00)
173885669	normal	A>T (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173885629	normal	T>C (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173885628	normal	A>A (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173885690	normal	T>T (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173885687	normal	A>G (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173885682	normal	T>T (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173885681	normal	A>G (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173885679	normal	T>A (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173885671	normal	T>G (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173885668	normal	T>C (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173885667	normal	A>T (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173885666	normal	T>C (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173885665	normal	A>T (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173885659	normal	T>C (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173885715	normal	T>A (-)	13 (0,20)	6580/6580 (100,00)	625/625 (100,00)
173885713	normal	T>T (-)	13 (0,20)	6580/6580 (100,00)	625/625 (100,00)
173885711	normal	T>A (-)	15 (0,23)	6580/6580 (100,00)	625/625 (100,00)
173885710	normal	A>G (-)	18 (0,27)	6580/6580 (100,00)	625/625 (100,00)
173885702	normal	T>A (-)	14 (0,21)	6580/6580 (100,00)	625/625 (100,00)
173885698	normal	T>A (-)	16 (0,24)	6580/6580 (100,00)	625/625 (100,00)
173885894	normal	A>T (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173885893	normal	T>C (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173885890	normal	A>A (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173885886	normal	T>T (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173885885	normal	A>G (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173885884	normal	T>A (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173885882	normal	T>A (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173885881	normal	T>G (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)

173885879	normal	T>T (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
173885878	normal	T>G (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
173885873	normal	A>T (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
173885870	normal	T>C (-)	6 (0,09)	6580/6580 (100,00)	625/625 (100,00)
173885868	normal	A>C (-)	6 (0,09)	6580/6580 (100,00)	625/625 (100,00)
173885865	normal	T>T (-)	6 (0,09)	6580/6580 (100,00)	625/625 (100,00)
173885864	normal	A>A (-)	7 (0,11)	6580/6580 (100,00)	625/625 (100,00)
173885861	normal	A>A (-)	6 (0,09)	6580/6580 (100,00)	625/625 (100,00)
173885860	normal	A>C (-)	6 (0,09)	6580/6580 (100,00)	625/625 (100,00)
173885859	normal	A>A (-)	6 (0,09)	6580/6580 (100,00)	625/625 (100,00)
173885858	normal	A>C (-)	6 (0,09)	6580/6580 (100,00)	625/625 (100,00)
173885855	normal	A>A (-)	6 (0,09)	6580/6580 (100,00)	625/625 (100,00)
173885854	normal	T>C (-)	9 (0,14)	6580/6580 (100,00)	625/625 (100,00)
173885853	normal	A>T (-)	5 (0,08)	6580/6580 (100,00)	625/625 (100,00)
173885850	normal	T>C (-)	8 (0,12)	6580/6580 (100,00)	625/625 (100,00)
173885848	normal	A>T (-)	9 (0,14)	6580/6580 (100,00)	625/625 (100,00)
173885847	normal	T>C (-)	9 (0,14)	6580/6580 (100,00)	625/625 (100,00)
173885845	normal	A>T (-)	9 (0,14)	6580/6580 (100,00)	625/625 (100,00)
173885843	normal	T>A (-)	6 (0,09)	6580/6580 (100,00)	625/625 (100,00)
173885842	normal	A>T (-)	9 (0,14)	6580/6580 (100,00)	625/625 (100,00)
173885841	normal	T>C (-)	9 (0,14)	6580/6580 (100,00)	625/625 (100,00)
173885840	normal	T>T (-)	6 (0,09)	6580/6580 (100,00)	625/625 (100,00)
173885839	normal	A>G (-)	9 (0,14)	6580/6580 (100,00)	625/625 (100,00)
173885838	normal	T>A (-)	8 (0,12)	6580/6580 (100,00)	625/625 (100,00)
173885837	normal	T>G (-)	7 (0,11)	6580/6580 (100,00)	625/625 (100,00)
173885835	normal	T>T (-)	8 (0,12)	6580/6580 (100,00)	625/625 (100,00)
173885834	normal	T>G (-)	8 (0,12)	6580/6580 (100,00)	625/625 (100,00)
173885833	normal	A>T (-)	5 (0,08)	6580/6580 (100,00)	625/625 (100,00)
173885831	normal	A>A (-)	8 (0,12)	6580/6580 (100,00)	625/625 (100,00)
173885830	normal	A>C (-)	8 (0,12)	6580/6580 (100,00)	625/625 (100,00)
173885829	normal	T>A (-)	7 (0,11)	6580/6580 (100,00)	625/625 (100,00)
173885827	normal	A>G (-)	8 (0,12)	6580/6580 (100,00)	625/625 (100,00)
173885826	normal	T>A (-)	7 (0,11)	6580/6580 (100,00)	625/625 (100,00)
173885822	normal	A>T (-)	5 (0,08)	6580/6580 (100,00)	625/625 (100,00)
173885821	normal	T>A (-)	8 (0,12)	6580/6580 (100,00)	625/625 (100,00)
173885820	normal	A>G (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
173885816	normal	T>A (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
173885812	normal	T>G (-)	9 (0,14)	6580/6580 (100,00)	625/625 (100,00)

173885809	normal	T>G (-)	9 (0,14)	6580/6580 (100,00)	625/625 (100,00)
173885808	normal	T>C (-)	6 (0,09)	6580/6580 (100,00)	625/625 (100,00)
173885806	normal	A>G (-)	7 (0,11)	6580/6580 (100,00)	625/625 (100,00)
173885805	normal	A>G (-)	7 (0,11)	6580/6580 (100,00)	625/625 (100,00)
173885804	normal	A>A (-)	8 (0,12)	6580/6580 (100,00)	625/625 (100,00)
173885801	normal	A>A (-)	9 (0,14)	6580/6580 (100,00)	625/625 (100,00)
173885800	normal	T>C (-)	8 (0,12)	6580/6580 (100,00)	625/625 (100,00)
173885799	normal	T>T (-)	9 (0,14)	6580/6580 (100,00)	625/625 (100,00)
173885798	normal	T>G (-)	7 (0,11)	6580/6580 (100,00)	625/625 (100,00)
173885797	normal	A>T (-)	9 (0,14)	6580/6580 (100,00)	625/625 (100,00)
173885788	normal	A>T (-)	8 (0,12)	6580/6580 (100,00)	625/625 (100,00)
173885786	normal	T>A (-)	5 (0,08)	6580/6580 (100,00)	625/625 (100,00)
173885783	normal	T>T (-)	7 (0,11)	6580/6580 (100,00)	625/625 (100,00)
173885782	normal	T>G (-)	10 (0,15)	6580/6580 (100,00)	625/625 (100,00)
173885780	normal	A>G (-)	11 (0,17)	6580/6580 (100,00)	625/625 (100,00)
173885779	normal	T>C (-)	9 (0,14)	6580/6580 (100,00)	625/625 (100,00)
173885777	normal	A>T (-)	10 (0,15)	6580/6580 (100,00)	625/625 (100,00)
173885776	normal	A>C (-)	8 (0,12)	6580/6580 (100,00)	625/625 (100,00)
173885775	normal	T>A (-)	10 (0,15)	6580/6580 (100,00)	625/625 (100,00)
173885774	normal	A>T (-)	11 (0,17)	6580/6580 (100,00)	625/625 (100,00)
173885768	normal	A>T (-)	7 (0,11)	6580/6580 (100,00)	625/625 (100,00)
173885765	normal	A>C (-)	11 (0,17)	6580/6580 (100,00)	625/625 (100,00)
173885764	normal	T>A (-)	7 (0,11)	6580/6580 (100,00)	625/625 (100,00)
173885761	normal	T>G (-)	11 (0,17)	6580/6580 (100,00)	625/625 (100,00)
173885760	normal	A>T (-)	9 (0,14)	6580/6580 (100,00)	625/625 (100,00)
173885757	normal	A>T (-)	9 (0,14)	6580/6580 (100,00)	625/625 (100,00)
173885756	normal	T>C (-)	11 (0,17)	6580/6580 (100,00)	625/625 (100,00)
173885755	normal	A>T (-)	11 (0,17)	6580/6580 (100,00)	625/625 (100,00)
173885752	normal	A>A (-)	9 (0,14)	6580/6580 (100,00)	625/625 (100,00)
173885749	normal	A>T (-)	10 (0,15)	6580/6580 (100,00)	625/625 (100,00)
173885745	normal	T>A (-)	9 (0,14)	6580/6580 (100,00)	625/625 (100,00)
173885743	normal	T>T (-)	11 (0,17)	6580/6580 (100,00)	625/625 (100,00)
173885742	normal	A>T (-)	11 (0,17)	6580/6580 (100,00)	625/625 (100,00)
173885741	normal	A>G (-)	11 (0,17)	6580/6580 (100,00)	625/625 (100,00)
173885740	normal	T>C (-)	7 (0,11)	6580/6580 (100,00)	625/625 (100,00)
173885737	normal	A>T (-)	9 (0,14)	6580/6580 (100,00)	625/625 (100,00)
173885735	normal	A>C (-)	7 (0,11)	6580/6580 (100,00)	625/625 (100,00)
173885732	normal	T>A (-)	11 (0,17)	6580/6580 (100,00)	625/625 (100,00)

173885731	normal	T>A (-)	13 (0,20)	6580/6580 (100,00)	625/625 (100,00)
173885730	normal	T>A (-)	12 (0,18)	6580/6580 (100,00)	625/625 (100,00)
173885729	normal	A>T (-)	13 (0,20)	6580/6580 (100,00)	625/625 (100,00)
173885727	normal	T>G (-)	11 (0,17)	6580/6580 (100,00)	625/625 (100,00)
173885725	normal	T>T (-)	15 (0,23)	6580/6580 (100,00)	625/625 (100,00)
173885724	normal	A>T (-)	15 (0,23)	6580/6580 (100,00)	625/625 (100,00)
173885722	normal	T>A (-)	14 (0,21)	6580/6580 (100,00)	625/625 (100,00)
173885719	normal	A>G (-)	16 (0,24)	6580/6580 (100,00)	625/625 (100,00)
173885718	normal	A>C (-)	12 (0,18)	6580/6580 (100,00)	625/625 (100,00)
173885717	normal	T>A (-)	14 (0,21)	6580/6580 (100,00)	625/625 (100,00)
173885707	normal	A>A (-)	12 (0,18)	6580/6580 (100,00)	625/625 (100,00)
173885705	normal	T>C (-)	18 (0,27)	6580/6580 (100,00)	625/625 (100,00)
173885898	normal	T>C (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173885708	normal	A>G (-)	10 (0,15)	6580/6580 (100,00)	625/625 (100,00)
173885706	normal	A>A (-)	10 (0,15)	6580/6580 (100,00)	625/625 (100,00)
173885701	normal	T>A (-)	11 (0,17)	6580/6580 (100,00)	625/625 (100,00)
173885736	normal	A>T (-)	6 (0,09)	6580/6580 (100,00)	625/625 (100,00)
173885734	normal	A>C (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
173885721	normal	T>A (-)	7 (0,11)	6580/6580 (100,00)	625/625 (100,00)
173885852	normal	A>T (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173885846	normal	T>A (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
173885825	normal	T>T (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
173885819	normal	A>C (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173885814	normal	T>T (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173885807	normal	T>T (-)	5 (0,08)	6580/6580 (100,00)	625/625 (100,00)
173885795	normal	T>G (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
173885790	normal	T>A (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173885787	normal	A>T (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
173885785	normal	T>G (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173885778	normal	T>A (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
173885767	normal	A>A (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173885766	normal	A>G (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
173885763	normal	T>T (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173885744	normal	T>A (-)	5 (0,08)	6580/6580 (100,00)	625/625 (100,00)
173885738	normal	T>C (-)	4 (0,06)	6580/6580 (100,00)	625/625 (100,00)
173885867	normal	A>T (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173885810	normal	T>T (-)	3 (0,05)	6580/6580 (100,00)	625/625 (100,00)
173885784	normal	T>G (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)

173885770	normal	A>T (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173885759	normal	A>T (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173885849	normal	T>C (-)	2 (0,03)	6580/6580 (100,00)	625/625 (100,00)
173885919	normal	T>A (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173885915	normal	T>A (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173885912	normal	A>G (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173885910	normal	A>C (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173885905	normal	T>C (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173885904	normal	T>T (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173885903	normal	A>G (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173885902	normal	T>C (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)
173885815	normal	T>C (-)	1 (0,02)	6580/6580 (100,00)	625/625 (100,00)

Tabla 1: Variantes compartidas entre la madre y el paciente de la familia F (delección 2Mb).