MT-CO3 seq	Subject *MT-CO3* pos	*POLG* P1	*POLG* P2	*POLG* P3	*POLG* P4	HIV+/NRTI- 29	HIV+/NRTI- 23	HIV+/NRTI- 32	HIV+/NRTI- 25	HIV+/NRTI+ 17	HIV+/NRTI+ 20	HIV+/NRTI+ 18	HIV+/NRTI+ 16	HIV+/NRTI+ 7	HIV+/NRTI+ 12	HIV+/NRTI+ 15	HIV+/NRTI+ 5	HIV- 35	HIV- 38	HIV- 37	HIV- 39	clone
C	9330	20803	17644	18604	14397	15644	18614	15798	18509	10821	13209	15351	14770	15913	16186	14094	16544	17523	15913	15166	18460	12278
T	9331	20803	17644	18604	14397	15645	18614	15799	18509	10821	13209	15351	14770	15913	16187	14094	16544	17525	15913	15166	18460	12278
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G	9439	20811	17646	18610	14399	15649	18617	15809	18516	10829	13214	15359	14774	15913	16196	14096	16549	17530	15922	15169	18464	12278
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G	9451	20811	17646	18610	14399	15649	18617	15809	18516	10829	13214	15359	14774	15914	16196	14096	16549	17530	15922	15169	18464	12278
G	9452	20811	17646	18610	14399	15649	18617	15809	18516	10829	13214	15359	14774	15914	16196	14096	16549	17530	15922	15169	18464	12278
A	9453	20811	17646	18610	14399	15649	18617	15809	18516	10829	13214	15359	14774	15914	16196	14096	16549	17530	15922	15169	18464	12278
T	9454	20811	17646	18610	14399	15649	18617	15809	18516	10829	13214	15359	14774	15914	16196	14096	16549	17530	15922	15169	18464	12278
A	9455	20811	17646	18610	14399	15649	18617	15809	18516	10829	13214	15359	14774	15914	16196	14096	16549	17530	15922	15169	18464	12278
A	9456	20811	17646	18610	14399	15649	18617	15809	18516	10829	13214	15359	14774	15914	16196	14096	16549	17530	15922	15169	18464	12278
T	9457	20811	17646	18610	14399	15649	18617	15809	18516	10829	13214	15359	14774	15914	16196	14096	16549	17530	15922	15169	18464	12278
C	9458	20811	17645	18610	14399	15649	18617	15809	18516	10829	13214	15359	14774	15914	16196	14096	16549	17530	15922	15169	18464	12278
C	9459	20811	17645	18610	14399	15649	18617	15809	18516	10829	13214	15359	14774	15914	16196	14096	16549	17530	15922	15169	18464	12278
T	9460	20811	17645	18610	14399	15649	18617	15809	18516	10829	13214	15359	14774	15914	16196	14096	16549	17530	15922	15169	18464	12278
A	9461	20811	17645	18610	14399	15649	18617	15809	18516	10829	13214	15359	14774	15914	16196	14096	16549	17530	15922	15169	18464	12278
T	9462	20811	17645	18610	14399	15649	18617	15809	18516	10829	13214	15359	14774	15914	16196	14096	16549	17530	15922	15169	18464	12278
T	9463	20811	17645	18610	14399	15649	18617	15809	18516	10829	13214	15359	14774	15914	16196	14096	16549	17530	15922	15169	18464	12278
T	9464	20811	17645	18610	14399	15649	18617	15809	18516	10829	13214	15359	14774	15914	16196	14096	16549	17530	15922	15169	18464	12278
A	9465	20811	17645	18610	14399	15649	18617	15809	18515	10829	13214	15359	14774	15914	16196	14096	16549	17530	15922	15169	18464	12278
T	9466	20811	17645	18610	14399	15649	18617	15809	18515	10829	13214	15359	14774	15914	16196	14096	16549	17530	15922	15169	18464	12278
T	9467	20811	17645	18610	14398	15649	18617	15809	18515	10829	13214	15359	14774	15914	16196	14096	16549	17529	15922	15169	18464	12278
A	9468	20811	17645	18610	14398	15649	18617	15809	18515	10829	13214	15359	14774	15914	16196	14096	16549	17529	15922	15169	18464	12278
C	9469	20811	17645	18610	14398	15649	18617	15809	18515	10829	13214	15359	14774	15914	16196	14096	16549	17529	15922	15169	18464	12278
C	9470	20811	17645	18609	14398	15649	18616	15809	18515	10827	13214	15359	14774	15914	16196	14094	16549	17529	15922	15169	18464	12278
T	9471	20811	17645	18609	14398	15649	18616	15809	18515	10827	13214	15359	14774	15914	16196	14094	16549	17529	15922	15169	18464	12278
C	9472	20811	17645	18609	14398	15649	18616	15809	18515	10827	13214	15359	14774	15914	16196	14094	16549	17529	15922	15169	18464	12278
A	9473	20811	17645	18609	14398	15649	18616	15809	18515	10827	13214	15359	14774	15914	16196	14094	16549	17529	15922	15169	18464	12278
G	9474	20811	17645	18609	14398	15649	18616	15809	18515	10827	13214	15359	14774	15914	16196	14094	16549	17529	15922	15169	18464	12278
A	9476	20811	17645	18609	14398	15649	18616	15809	18515	10827	13214	15359	14774	15914	16196	14094	16549	17529	15922	15169	18464	12278
T	9486	20810	17645	18609	14397	15649	18615	15809	18513	10827	13214	15359	14773	15914	16196	14094	16549	17528	15922	15169	18464	12278
T	9487	20810	17645	18609	14397	15649	18615	15809	18513	10827	13214	15359	14773	15914	16196	14094	16549	17528	15922	15169	18464	12278
C	9488	20810	17645	18609	14397	15649	18615	15809	18513	10827	13214	15359	14773	15914	16196	14094	16548	17528	15921	15169	18464	12278
G	9489	20810	17645	18609	14397	15648	18615	15809	18513	10827	13214	15359	14773	15914	16196	14094	16548	17528	15920	15169	18464	12278
C	9490	20810	17645	18609	14397	15648	18615	15808	18513	10827	13214	15359	14773	15914	16196	14094	16548	17528	15920	15169	18464	12278
A	9491	20810	17645	18609	14397	15648	18615	15808	18513	10827	13214	15359	14773	15914	16196	14094	16548	17528	15920	15169	18464	12278
G	9492	20810	17645	18608	14397	15647	18615	15808	18513	10827	13214	15359	14773	15914	16196	14094	16548	17528	15920	15169	18464	12278
G	9493	20810	17645	18608	14397	15647	18615	15808	18513	10827	13214	15359	14773	15914	16196	14094	16548	17528	15920	15169	18464	12278
T	9501	20809	17645	18608	14397	15646	18614	15807	18513	10827	13214	15358	14773	15912	16193	14094	16548	17527	15920	15168	18464	12278
G	9502	20809	17645	18608	14397	15646	18614	15807	18513	10827	13214	15358	14773	15912	16193	14094	16548	17527	15920	15168	18464	12278
A	9503	20809	17645	18608	14397	15646	18614	15807	18513	10827	13214	15358	14773	15912	16193	14094	16548	17527	15920	15168	18464	12278
G	9504	20809	17645	18608	14397	15646	18614	15807	18513	10827	13214	15358	14773	15912	16193	14094	16548	17527	15920	15168	18464	12278
C	9505	20809	17645	18608	14397	15646	18614	15807	18513	10827	13214	15358	14773	15912	16193	14094	16548	17527	15920	15168	18464	12278
C	9512	20809	17645	18608	14397	15646	18614	15807	18513	10827	13214	15358	14773	15912	16193	14094	16548	17527	15919	15168	18464	12278
C	9513	20808	17645	18608	14397	15646	18614	15807	18513	10827	13214	15358	14773	15912	16191	14094	16548	17527	15919	15167	18464	12278
A	9514	20808	17645	18608	14397	15646	18614	15807	18513	10827	13214	15358	14773	15912	16191	14094	16548	17527	15919	15167	18464	12278
C	9515	20808	17645	18608	14397	15646	18614	15807	18513	10827	13214	15358	14773	15912	16190	14092	16548	17527	15919	15167	18464	12278
T	9516	20808	17645	18608	14397	15646	18614	15807	18513	10827	13214	15358	14773	15912	16190	14092	16548	17527	15919	15167	18464	12278
C	9517	20808	17645	18608	14397	15646	18614	15806	18513	10827	13214	15358	14773	15912	16190	14092	16548	17527	15919	15167	18464	12278
C	9518	20808	17645	18608	14397	15646	18614	15806	18512	10827	13214	15358	14773	15912	16189	14092	16548	17526	15919	15167	18464	12278
A	9519	20808	17645	18608	14397	15646	18614	15806	18512	10827	13214	15358	14773	15912	16189	14092	16548	17526	15919	15167	18464	12278
G	9520	20808	17645	18608	14397	15646	18614	15806	18512	10827	13214	15358	14773	15912	16189	14092	16548	17526	15919	15167	18464	12278
C	9521	20808	17645	18608	14397	15646	18614	15806	18512	10827	13214	15358	14773	15912	16189	14092	16548	17526	15919	15167	18464	12278
C	9522	20808	17645	18608	14397	15646	18614	15806	18512	10827	13214	15358	14773	15912	16189	14092	16548	17526	15919	15167	18464	12278
T	9523	20808	17645	18608	14397	15646	18614	15806	18512	10827	13214	15358	14773	15912	16189	14092	16548	17526	15919	15167	18464	12278
A	9524	20808	17645	18608	14397	15646	18614	15806	18512	10827	13214	15358	14773	15912	16189	14092	16548	17526	15919	15167	18464	12278
T	9540	20808	17645	18608	14397	15646	18614	15806	18510	10827	13214	15357	14773	15912	16189	14092	16548	17526	15918	15167	18464	12278
T	9541	20808	17645	18608	14397	15646	18614	15806	18510	10827	13214	15357	14773	15912	16189	14092	16548	17526	15918	15167	18464	12278
A	9542	20808	17645	18608	14397	15646	18614	15806	18510	10827	13214	15357	14773	15912	16189	14092	16548	17526	15918	15167	18464	12278
G	9543	20808	17645	18608	14397	15646	18614	15806	18510	10827	13214	15357	14773	15912	16189	14092	16548	17526	15918	15167	18464	12278
G	9544	20808	17645	18608	14397	15646	18614	15806	18509	10827	13214	15357	14773	15912	16189	14091	16548	17526	15918	15167	18464	12278
A	9545	20808	17645	18608	14397	15646	18614	15806	18509	10827	13214	15357	14773	15912	16189	14091	16548	17526	15918	15167	18463	12278
G	9546	20808	17645	18608	14397	15646	18614	15806	18509	10827	13214	15357	14773	15912	16189	14091	16548	17526	15917	15167	18463	12278
G	9547	20808	17645	18608	14397	15646	18614	15806	18509	10826	13214	15357	14773	15912	16189	14091	16548	17526	15916	15167	18463	12278
G	9548	20808	17645	18607	14397	15646	18614	15806	18509	10826	13214	15357	14773	15912	16189	14091	16547	17526	15916	15167	18463	12278
C	9549	20808	17643	18606	14396	15646	18614	15806	18509	10826	13214	15357	14773	15912	16189	14091	16547	17525	15916	15167	18463	12278
A	9550	20808	17643	18606	14396	15646	18614	15806	18509	10826	13214	15357	14773	15912	16189	14091	16547	17525	15916	15167	18463	12278
C	9551	20808	17642	18606	14396	15646	18614	15806	18509	10826	13214	15357	14773	15912	16189	14091	16546	17525	15916	15167	18463	12278
T	9552	20808	17642	18606	14396	15646	18614	15806	18509	10826	13214	15357	14773	15912	16189	14091	16546	17525	15916	15167	18463	12278
G	9553	20808	17642	18606	14396	15646	18614	15806	18509	10826	13214	15357	14773	15912	16189	14091	16546	17525	15916	15167	18463	12278
A	9561	20806	17640	18603	14396	15640	18613	15804	18508	10826	13212	15355	14773	15911	16184	14091	16544	17523	15915	15166	18461	12278
C	9562	20806	17640	18601	14396	15640	18613	15803	18508	10825	13211	15355	14771	15911	16182	14090	16541	17523	15915	15166	18460	12278
A	9563	20806	17639	18601	14396	15640	18613	15802	18507	10825	13211	15355	14771	15911	16182	14090	16540	17522	15914	15165	18460	12278
G	9564	20806	17639	18600	14396	15640	18613	15802	18507	10825	13211	15355	14769	15911	16180	14090	16539	17522	15914	15165	18460	12278
G	9565	20806	17639	18599	14396	15639	18613	15801	18504	10825	13211	15355	14769	15909	16180	14089	16539	17521	15913	15165	18460	12278
C	9566	20806	17639	18599	14396	15639	18612	15801	18504	10823	13211	15355	14769	15909	16180	14088	16539	17521	15913	15165	18459	12278
A	9567	20806	17639	18598	14395	15638	18612	15801	18504	10823	13211	15354	14769	15909	16179	14088	16539	17521	15913	15165	18458	12278
T	9568	20803	17636	18596	14390	15637	18610	15801	18501	10823	13211	15354	14769	15906	16179	14088	16539	17518	15912	15165	18456	12278
C	9569	20790	17622	18569	14377	15632	18604	15799	18493	10820	13208	15351	14767	15898	16172	14083	16535	17506	15902	15164	18442	12278

MT-CO3 seq	Subject / *MT-CO3* pos	*POLG* P1	*POLG* P2	*POLG* P3	*POLG* P4	HIV+/NRTI- 29	HIV+/NRTI- 23	HIV+/NRTI- 32	HIV+/NRTI- 25	HIV+/NRTI+ 17	HIV+/NRTI+ 20	HIV+/NRTI+ 18	HIV+/NRTI+ 16	HIV+/NRTI+ 7	HIV+/NRTI+ 12	HIV+/NRTI+ 15	HIV+/NRTI+ 5	HIV- 35	HIV- 38	HIV- 37	HIV- 39	clone
C	9330	0.00%	0.00%	0.01%	0.00%	0.01%	0.00%	0.01%	0.01%	0.02%	0.01%	0.01%	0.01%	0.01%	0.00%	0.01%	0.00%	0.01%	0.01%	0.00%	0.01%	0.01%
T	9331	0.02%	0.03%	0.01%	0.00%	0.02%	0.01%	0.01%	0.01%	0.00%	0.00%	0.01%	0.02%	0.00%	0.00%	0.01%	0.00%	0.01%	0.01%	0.01%	0.00%	0.02%
C	9332	0.05%	0.03%	0.08%	0.04%	0.10%	0.12%	0.06%	0.01%	0.09%	0.06%	0.03%	0.03%	0.09%	0.10%	0.11%	0.04%	0.11%	0.08%	0.07%	0.03%	0.00%
C	9333	0.01%	0.01%	0.02%	0.00%	0.00%	0.01%	0.01%	0.02%	0.00%	0.04%	0.05%	0.01%	0.02%	0.01%	0.01%	0.02%	0.00%	0.01%	0.01%	0.01%	0.11%
T	9334	0.01%	0.01%	0.00%	0.01%	0.01%	0.02%	0.01%	0.01%	0.04%	0.01%	0.01%	0.00%	0.00%	0.01%	0.02%	0.01%	0.02%	0.03%	0.00%	0.01%	0.03%
C	9335	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.01%	0.00%
A	9336	0.00%	0.00%	0.01%	0.01%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.01%	0.02%	0.00%	0.01%	0.00%	0.00%
T	9337	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%
A	9338	0.02%	0.01%	0.01%	0.01%	0.00%	0.00%	0.01%	0.02%	0.01%	0.01%	0.01%	0.01%	0.01%	0.00%	0.02%	0.02%	0.00%	0.01%	0.00%	0.01%	0.00%
C	9339	0.01%	0.05%	0.03%	0.01%	0.01%	0.01%	0.01%	0.03%	0.00%	0.02%	0.00%	0.01%	0.01%	0.00%	0.00%	0.01%	0.00%	0.00%	0.01%	0.00%	0.00%
T	9340	0.01%	0.01%	0.03%	0.01%	0.01%	0.01%	0.02%	0.00%	0.00%	0.00%	0.02%	0.00%	0.01%	0.02%	0.03%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%
A	9341	0.02%	0.03%	0.05%	0.02%	0.07%	0.11%	0.06%	0.04%	0.14%	0.08%	0.04%	0.07%	0.06%	0.06%	0.09%	0.05%	0.07%	0.06%	0.08%	0.08%	0.01%
G	9342	0.35%	0.26%	0.55%	0.18%	0.40%	0.80%	0.56%	0.15%	0.87%	0.11%	0.29%	0.23%	0.62%	0.41%	0.77%	0.47%	0.86%	0.27%	0.57%	0.12%	0.01%
G	9343	0.03%	0.01%	0.03%	0.03%	0.03%	0.01%	0.01%	0.01%	0.02%	0.02%	0.01%	0.00%	0.01%	0.04%	0.01%	0.01%	0.02%	0.01%	0.05%	0.01%	0.06%
C	9344	0.00%	0.03%	0.04%	0.03%	0.01%	0.01%	0.03%	0.02%	0.02%	0.02%	0.02%	0.05%	0.02%	0.02%	0.01%	0.01%	0.02%	0.01%	0.01%	0.03%	0.02%
C	9345	0.01%	0.03%	0.01%	0.01%	0.04%	0.01%	0.01%	0.01%	0.01%	0.03%	0.01%	0.01%	0.02%	0.01%	0.04%	0.02%	0.01%	0.02%	0.00%	0.00%	0.01%
T	9346	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.02%
A	9347	0.03%	0.03%	0.02%	0.01%	0.02%	0.01%	0.01%	0.01%	0.01%	0.00%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.05%	0.01%	0.00%
C	9348	0.01%	0.00%	0.02%	0.01%	0.01%	0.01%	0.00%	0.00%	0.00%	0.00%	0.02%	0.00%	0.01%	0.01%	0.00%	0.01%	0.01%	0.00%	0.00%	0.03%	0.03%
T	9349	0.00%	0.01%	0.02%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.02%
A	9350	0.00%	0.01%	0.01%	0.01%	0.03%	0.01%	0.02%	0.01%	0.01%	0.02%	0.00%	0.00%	0.01%	0.02%	0.04%	0.01%	0.01%	0.03%	0.02%	0.04%	0.00%
A	9351	0.02%	0.00%	0.01%	0.00%	0.01%	0.01%	0.00%	0.01%	0.00%	0.01%	0.01%	0.02%	0.02%	0.02%	0.00%	0.01%	0.01%	0.03%	0.00%	0.01%	0.02%
C	9352	0.01%	0.02%	0.03%	0.01%	0.02%	0.04%	0.03%	0.00%	0.01%	0.00%	0.02%	0.00%	0.01%	0.02%	0.03%	0.01%	0.03%	0.00%	0.02%	0.00%	0.02%
C	9353	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.01%	0.00%	0.01%	0.01%	0.00%	0.00%	0.00%	0.01%	0.01%	0.01%	0.01%	0.00%	0.00%	0.00%	0.05%
A	9354	0.01%	0.01%	0.01%	0.00%	0.00%	0.02%	0.01%	0.00%	0.01%	0.01%	0.02%	0.00%	0.01%	0.00%	0.03%	0.00%	0.01%	0.00%	0.00%	0.02%	0.00%
A	9355	0.00%	0.01%	0.01%	0.01%	0.00%	0.02%	0.01%	0.04%	0.00%	0.02%	0.01%	0.01%	0.01%	0.01%	0.02%	0.01%	0.03%	0.02%	0.00%	0.03%	0.00%
C	9356	0.00%	0.00%	0.00%	0.00%	0.01%	0.01%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.02%	0.00%	0.02%
A	9357	0.01%	0.01%	0.03%	0.02%	0.01%	0.01%	0.01%	0.01%	0.00%	0.00%	0.00%	0.01%	0.00%	0.01%	0.01%	0.01%	0.02%	0.01%	0.01%	0.00%	0.01%
C	9358	0.01%	0.00%	0.00%	0.01%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%
A	9359	0.00%	0.01%	0.03%	0.01%	0.04%	0.01%	0.03%	0.00%	0.00%	0.01%	0.03%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.01%	0.00%	0.01%	0.01%
C	9360	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.01%	0.01%	0.00%	0.01%	0.00%	0.00%	0.03%
T	9361	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%
A	9362	0.00%	0.00%	0.01%	0.01%	0.00%	0.02%	0.00%	0.01%	0.02%	0.01%	0.01%	0.00%	0.01%	0.02%	0.01%	0.02%	0.02%	0.01%	0.00%	0.01%	0.00%
A	9363	0.00%	0.00%	0.01%	0.01%	0.01%	0.02%	0.02%	0.01%	0.02%	0.01%	0.01%	0.00%	0.02%	0.01%	0.06%	0.01%	0.02%	0.01%	0.01%	0.02%	0.01%
C	9364	0.28%	0.22%	0.62%	0.16%	0.35%	0.82%	0.53%	0.16%	0.72%	0.18%	0.35%	0.28%	1.24%	0.43%	0.94%	0.44%	0.89%	0.35%	0.59%	0.19%	0.00%
C	9365	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.03%
A	9366	0.00%	0.01%	0.00%	0.05%	0.01%	0.00%	0.01%	0.00%	0.00%	0.00%	0.01%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.01%	0.00%
T	9367	0.00%	0.01%	0.00%	0.00%	0.00%	0.01%	0.01%	0.01%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.01%	0.01%	0.00%	0.00%	0.00%
A	9368	0.00%	0.01%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.01%	0.00%	0.01%	0.00%	0.01%
T	9369	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.02%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.01%	0.00%	0.00%	0.00%	0.01%
A	9370	0.00%	0.00%	0.02%	0.00%	0.01%	0.01%	0.01%	0.01%	0.00%	0.02%	0.03%	0.01%	0.01%	0.02%	0.00%	0.01%	0.00%	0.01%	0.00%	0.01%	0.01%
C	9371	0.14%	0.11%	0.37%	0.13%	0.22%	0.45%	0.30%	0.08%	0.50%	0.05%	0.16%	0.11%	0.31%	0.22%	0.47%	0.16%	0.52%	0.18%	0.34%	0.10%	0.00%
C	9372	0.09%	0.10%	0.29%	0.07%	0.17%	0.38%	0.26%	0.05%	0.38%	0.03%	0.15%	0.10%	0.23%	0.18%	0.43%	0.13%	0.43%	0.13%	0.30%	0.07%	0.02%
A	9373	0.18%	0.15%	0.29%	0.14%	0.17%	0.90%	0.31%	0.12%	0.50%	0.15%	0.17%	0.20%	0.51%	0.32%	0.82%	0.26%	0.74%	0.27%	0.35%	0.11%	0.00%
A	9374	0.00%	0.00%	0.01%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.01%	0.00%	0.01%	0.00%	0.00%	0.08%
T	9375	0.00%	0.03%	0.02%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.01%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%
G	9376	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.01%	0.00%	0.01%	0.00%	0.01%	0.00%	0.00%	0.01%	0.00%	0.01%	0.01%	0.01%	0.00%
A	9377	0.00%	0.00%	0.01%	0.01%	0.01%	0.00%	0.01%	0.00%	0.01%	0.01%	0.00%	0.00%	0.01%	0.01%	0.00%	0.00%	0.01%	0.00%	0.00%	0.01%	0.00%
T	9378	0.01%	0.01%	0.02%	0.03%	0.01%	0.01%	0.01%	0.00%	0.01%	0.02%	0.01%	0.00%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.00%
G	9379	0.41%	0.36%	0.87%	0.31%	0.57%	3.17%	0.97%	0.24%	1.31%	0.18%	0.55%	0.51%	1.18%	0.81%	2.75%	0.64%	2.40%	0.56%	1.23%	0.20%	0.00%
G	9380	0.01%	0.02%	0.04%	0.01%	0.04%	0.03%	0.06%	0.02%	0.08%	0.05%	0.02%	0.01%	0.04%	0.04%	0.02%	0.02%	0.02%	0.02%	0.01%	0.03%	0.01%
C	9381	0.02%	0.01%	0.02%	0.01%	0.01%	0.00%	0.00%	0.05%	0.00%	0.00%	0.02%	0.00%	0.01%	0.01%	0.00%	0.02%	0.01%	0.01%	0.01%	0.01%	0.01%
G	9382	0.02%	0.03%	0.09%	0.03%	0.01%	0.00%	0.01%	0.02%	0.01%	0.00%	0.01%	0.01%	0.01%	0.01%	0.00%	0.01%	0.02%	0.02%	0.02%	0.01%	0.02%
C	9383	0.05%	0.02%	0.03%	0.04%	0.01%	0.01%	0.01%	0.01%	0.02%	0.04%	0.01%	0.00%	0.01%	0.04%	0.02%	0.04%	0.02%	0.01%	0.04%	0.01%	0.03%
G	9384	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.02%
A	9385	0.00%	0.00%	0.00%	0.01%	0.01%	0.00%	0.01%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
T	9386	0.01%	0.03%	0.02%	0.01%	0.00%	0.00%	0.04%	0.00%	0.01%	0.01%	0.01%	0.00%	0.01%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.04%	0.00%
G	9387	0.00%	0.01%	0.01%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.01%	0.00%	0.01%	0.00%	0.00%	0.01%	0.00%	0.01%	0.01%	0.01%	0.00%
T	9388	0.02%	0.02%	0.01%	0.00%	0.01%	0.03%	0.00%	0.01%	0.00%	0.01%	0.00%	0.00%	0.00%	0.01%	0.00%	0.01%	0.02%	0.00%	0.01%	0.01%	0.00%
A	9389	0.02%	0.01%	0.00%	0.00%	0.01%	0.01%	0.01%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
A	9390	0.01%	0.02%	0.03%	0.00%	0.01%	0.01%	0.01%	0.01%	0.00%	0.00%	0.01%	0.00%	0.01%	0.00%	0.02%	0.02%	0.01%	0.01%	0.00%	0.02%	0.01%
C	9391	0.00%	0.01%	0.00%	0.03%	0.01%	0.01%	0.01%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.01%	0.00%	0.03%	0.01%	0.00%	0.00%	0.01%	0.02%
A	9392	0.01%	0.01%	0.01%	0.01%	0.01%	0.03%	0.01%	0.02%	0.02%	0.01%	0.03%	0.02%	0.01%	0.00%	0.00%	0.01%	0.02%	0.01%	0.00%	0.01%	0.00%
C	9393	0.01%	0.02%	0.04%	0.00%	0.00%	0.00%	0.01%	0.00%	0.05%	0.00%	0.01%	0.01%	0.00%	0.01%	0.01%	0.01%	0.01%	0.02%	0.00%	0.00%	0.03%
G	9394	0.04%	0.06%	0.07%	0.08%	0.04%	0.04%	0.04%	0.04%	0.03%	0.04%	0.05%	0.03%	0.06%	0.06%	0.06%	0.06%	0.02%	0.08%	0.07%	0.03%	0.01%
A	9395	0.02%	0.01%	0.00%	0.00%	0.01%	0.01%	0.01%	0.02%	0.01%	0.00%	0.03%	0.03%	0.00%	0.01%	0.00%	0.01%	0.01%	0.02%	0.01%	0.00%	0.00%
G	9396	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.01%
A	9397	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.02%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.01%
A	9398	0.00%	0.01%	0.01%	0.00%	0.01%	0.00%	0.03%	0.00%	0.04%	0.00%	0.02%	0.00%	0.01%	0.01%	0.00%	0.01%	0.01%	0.01%	0.00%	0.01%	0.00%
A	9399	0.00%	0.01%	0.02%	0.00%	0.00%	0.01%	0.04%	0.00%	0.03%	0.01%	0.02%	0.00%	0.00%	0.01%	0.01%	0.01%	0.01%	0.05%	0.00%	0.01%	0.02%
G	9400	0.00%	0.01%	0.04%	0.00%	0.01%	0.03%	0.00%	0.02%	0.00%	0.00%	0.01%	0.01%	0.04%	0.01%	0.01%	0.02%	0.01%	0.00%	0.01%	0.01%	0.02%
C	9401	0.00%	0.00%	0.00%	0.00%	0.01%	0.01%	0.00%	0.01%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.02%
A	9402	0.02%	0.01%	0.02%	0.01%	0.01%	0.01%	0.01%	0.01%	0.00%	0.02%	0.00%	0.03%	0.00%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%
C	9403	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.01%	0.00%	0.01%	0.00%	0.00%	0.01%	0.01%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.01%
A	9404	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.02%	0.00%	0.00%	0.01%	0.01%	0.00%	0.00%	0.00%	0.01%	0.01%	0.00%	0.00%
T	9405	0.00%	0.00%	0.01%	0.00%	0.00%	0.01%	0.01%	0.01%	0.00%	0.00%	0.00%	0.01%	0.01%	0.01%	0.01%	0.00%	0.00%	0.00%	0.01%	0.01%	0.01%
A	9406	0.01%	0.00%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.00%	0.01%	0.02%	0.01%	0.03%	0.02%	0.00%	0.02%	0.03%	0.01%	0.01%	0.00%
C	9407	0.02%	0.01%	0.01%	0.00%	0.01%	0.00%	0.00%	0.02%	0.01%	0.01%	0.00%	0.00%	0.03%	0.02%	0.01%	0.00%	0.02%	0.01%	0.01%	0.01%	0.00%
C	9408	0.03%	0.02%	0.01%	0.01%	0.01%	0.02%	0.01%	0.01%	0.00%	0.01%	0.02%	0.01%	0.02%	0.01%	0.01%	0.01%	0.01%	0.00%	0.01%	0.04%	0.01%
A	9409	0.03%	0.03%	0.01%	0.00%	0.01%	0.03%	0.03%	0.02%	0.04%	0.02%	0.01%	0.05%	0.01%	0.02%	0.01%	0.02%	0.02%	0.00%	0.02%	0.03%	0.02%
A	9410	0.01%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.01%	0.02%	0.02%	0.01%	0.04%	0.01%	0.00%	0.00%	0.01%	0.01%	0.00%	0.00%	0.01%	0.06%
G	9411	0.00%	0.02%	0.01%	0.00%	0.01%	0.01%	0.00%	0.01%	0.01%	0.02%	0.00%	0.00%	0.01%	0.01%	0.01%	0.00%	0.00%	0.01%	0.01%	0.00%	0.00%
G	9412	0.02%	0.02%	0.02%	0.10%	0.00%	0.01%	0.03%	0.01%	0.02%	0.02%	0.01%	0.03%	0.01%	0.01%	0.01%	0.01%	0.02%	0.01%	0.03%	0.00%	0.01%
C	9413	0.00%	0.01%	0.00%	0.00%	0.00%	0.03%	0.00%	0.01%	0.01%	0.00%	0.01%	0.02%	0.04%	0.02%	0.00%	0.00%	0.01%	0.01%	0.01%	0.01%	0.00%
C	9414	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.01%	0.01%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.04%
A	9415	0.01%	0.01%	0.01%	0.03%	0.00%	0.01%	0.01%	0.01%	0.00%	0.01%	0.00%	0.00%	0.01%	0.01%	0.01%	0.02%	0.01%	0.03%	0.00%	0.02%	0.00%
C	9416	0.01%	0.02%	0.02%	0.00%	0.03%	0.02%	0.07%	0.01%	0.00%	0.01%	0.00%	0.01%	0.03%	0.01%	0.00%	0.02%	0.02%	0.01%	0.03%	0.00%	0.01%
C	9417	0.00%	0.00%	0.02%	0.01%	0.00%	0.01%	0.00%	0.01%	0.00%	0.01%	0.00%	0.00%	0.00%	0.02%	0.01%	0.01%	0.01%	0.00%	0.00%	0.02%	0.01%
A	9418	0.03%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.02%	0.02%	0.00%	0.01%	0.00%	0.01%	0.01%	0.00%	0.02%	0.02%	0.02%	0.00%	0.01%	0.01%
C	9419	0.00%	0.01%	0.00%	0.01%	0.01%	0.01%	0.00%	0.00%	0.02%	0.00%	0.00%	0.01%	0.01%	0.01%	0.00%	0.00%	0.01%	0.00%	0.01%	0.01%	0.01%
A	9420	0.01%	0.02%	0.01%	0.01%	0.00%	0.02%	0.01%	0.01%	0.02%	0.02%	0.02%	0.01%	0.00%	0.03%	0.03%	0.01%	0.02%	0.02%	0.01%	0.01%	0.02%
C	9421	0.00%	0.00%	0.03%	0.00%	0.00%	0.01%	0.01%	0.01%	0.00%	0.00%	0.01%	0.01%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.01%
A	9422	0.01%	0.02%	0.01%	0.02%	0.00%	0.01%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.03%	0.00%	0.01%	0.00%	0.01%	0.00%	0.01%	0.01%	0.01%
C	9423	0.02%	0.03%	0.08%	0.01%	0.01%	0.00%	0.01%	0.01%	0.02%	0.02%	0.01%	0.03%	0.01%	0.01%	0.01%	0.01%	0.00%	0.00%	0.03%	0.01%	0.02%
C	9424	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.01%	0.00%	0.01%	0.00%	0.00%	0.03%
A	9425	0.01%	0.01%	0.01%	0.00%	0.01%	0.01%	0.01%	0.01%	0.00%	0.00%	0.00%	0.01%	0.01%	0.00%	0.06%	0.01%	0.01%	0.01%	0.00%	0.01%	0.00%
C	9426	0.01%	0.00%	0.05%	0.00%	0.00%	0.02%	0.00%	0.01%	0.01%	0.02%	0.02%	0.00%	0.01%	0.01%	0.01%	0.03%	0.02%	0.01%	0.02%	0.01%	0.00%
C	9427	0.05%	0.03%	0.00%	0.00%	0.00%	0.02%	0.03%	0.01%	0.01%	0.02%	0.01%	0.01%	0.01%	0.00%	0.00%	0.00%	0.03%	0.01%	0.00%	0.01%	0.01%
T	9428	0.01%	0.02%	0.02%	0.01%	0.01%	0.00%	0.01%	0.00%	0.00%	0.02%	0.01%	0.02%	0.01%	0.01%	0.04%	0.03%	0.00%	0.01%	0.01%	0.01%	0.02%
G	9429	0.01%	0.07%	0.02%	0.04%	0.01%	0.08%	0.03%	0.04%	0.03%	0.04%	0.03%	0.07%	0.03%	0.03%	0.04%	0.05%	0.02%	0.02%	0.05%	0.04%	0.01%
T	9430	0.02%	0.03%	0.00%	0.01%	0.01%	0.01%	0.00%	0.01%	0.00%	0.00%	0.02%	0.00%	0.01%	0.00%	0.01%	0.01%	0.02%	0.00%	0.00%	0.01%	0.04%
C	9431	0.00%	0.02%	0.05%	0.01%	0.00%	0.01%	0.00%	0.01%	0.01%	0.02%	0.04%	0.00%	0.03%	0.03%	0.02%	0.02%	0.01%	0.00%	0.01%	0.03%	0.03%
G	9439	0.01%	0.03%	0.02%	0.00%	0.00%	0.03%	0.01%	0.01%	0.03%	0.05%	0.01%	0.00%	0.01%	0.00%	0.01%	0.01%	0.01%	0.00%	0.01%	0.02%	0.02%
C	9440	0.00%	0.01%	0.01%	0.01%	0.01%	0.01%	0.00%	0.01%	0.02%	0.01%	0.02%	0.01%	0.01%	0.01%	0.01%	0.01%	0.02%	0.02%	0.01%	0.02%	0.02%
C	9441	0.00%	0.01%	0.01%	0.00%	0.01%	0.02%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.03%	0.01%	0.02%	0.01%	0.01%	0.00%	0.00%	0.04%
T	9442	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.03%	0.02%	0.00%	0.02%	0.01%	0.00%	0.01%	0.01%	0.01%	0.01%	0.01%	0.03%	0.01%	0.02%	0.02%
T	9443	0.05%	0.08%	0.08%	0.03%	0.08%	0.07%	0.08%	0.05%	0.02%	0.03%	0.04%	0.05%	0.08%	0.04%	0.09%	0.05%	0.05%	0.04%	0.07%	0.04%	0.01%
C	9444	0.02%	0.01%	0.04%	0.05%	0.00%	0.00%	0.01%	0.01%	0.02%	0.01%	0.01%	0.01%	0.01%	0.04%	0.01%	0.00%	0.01%	0.01%	0.02%	0.02%	0.00%
G	9445	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%
A	9446	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.01%	0.00%	0.01%	0.00%	0.00%	0.01%	0.00%	0.00%
T	9447	0.00%	0.00%	0.01%	0.00%	0.00%	0.01%	0.01%	0.01%	0.00%	0.00%	0.00%	0.00%	0.01%	0.01%	0.00%	0.00%	0.00%	0.00%	0.01%	0.03%	0.00%
A	9448	0.00%	0.02%	0.04%	0.01%	0.02%	0.04%	0.02%	0.04%	0.01%	0.01%	0.00%	0.01%	0.00%	0.01%	0.00%	0.01%	0.02%	0.01%	0.00%	0.05%	0.01%
C	9449	0.01%	0.01%	0.04%	0.00%	0.02%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.01%	0.02%	0.01%	0.00%	0.02%	0.01%	0.03%
G	9450	0.01%	0.02%	0.02%	0.00%	0.01%	0.01%	0.00%	0.01%	0.00%	0.00%	0.00%	0.02%	0.02%	0.01%	0.01%	0.01%	0.00%	0.02%	0.01%	0.00%	0.00%
G	9451	0.00%	0.01%	0.07%	0.01%	0.01%	0.00%	0.00%	0.02%	0.00%	0.00%	0.00%	0.00%	0.01%	0.01%	0.00%	0.04%	0.01%	0.02%	0.01%	0.00%	0.01%
G	9452	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.11%
A	9453	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.01%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%
T	9454	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
A	9455	0.00%	0.01%	0.00%	0.00%	0.01%	0.01%	0.00%	0.01%	0.01%	0.02%	0.00%	0.00%	0.01%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%
A	9456	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.02%
T	9457	0.00%	0.00%	0.01%	0.01%	0.01%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.01%	0.00%	0.01%	0.00%	0.03%	0.00%	0.02%	0.01%
C	9458	0.01%	0.01%	0.03%	0.01%	0.02%	0.00%	0.00%	0.02%	0.02%	0.01%	0.01%	0.02%	0.00%	0.02%	0.00%	0.01%	0.03%	0.03%	0.01%	0.00%	0.01%
C	9459	0.02%	0.01%	0.03%	0.01%	0.01%	0.00%	0.01%	0.02%	0.00%	0.00%	0.00%	0.01%	0.01%	0.01%	0.00%	0.01%	0.01%	0.01%	0.00%	0.02%	0.00%
T	9460	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.01%	0.01%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.03%
A	9461	0.00%	0.01%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
T	9462	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
T	9463	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
T	9464	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.01%	0.01%	0.00%	0.00%	0.00%	0.01%	0.00%
A	9465	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
T	9466	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.01%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.01%	0.00%
T	9467	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.02%	0.01%	0.00%	0.00%	0.01%	0.01%	0.00%	0.00%	0.01%	0.00%	0.01%	0.01%
A	9468	0.00%	0.01%	0.01%	0.01%	0.03%	0.00%	0.02%	0.01%	0.00%	0.01%	0.02%	0.01%	0.01%	0.02%	0.01%	0.01%	0.01%	0.00%	0.00%	0.01%	0.00%
C	9469	0.02%	0.04%	0.03%	0.02%	0.01%	0.02%	0.01%	0.03%	0.00%	0.01%	0.03%	0.01%	0.02%	0.06%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.00%
C	9470	0.01%	0.03%	0.00%	0.01%	0.01%	0.00%	0.00%	0.01%	0.00%	0.00%	0.01%	0.01%	0.01%	0.01%	0.01%	0.02%	0.00%	0.01%	0.00%	0.01%	0.00%
T	9471	0.01%	0.01%	0.00%	0.02%	0.01%	0.01%	0.00%	0.01%	0.01%	0.00%	0.01%	0.01%	0.01%	0.00%	0.01%	0.01%	0.01%	0.00%	0.00%	0.01%	0.02%
C	9472	0.00%	0.00%	0.00%	0.01%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.01%	0.02%	0.00%	0.01%	0.00%	0.00%	0.00%	0.01%	0.00%
A	9473	0.00%	0.01%	0.01%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.01%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%
G	9474	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
A	9476	0.01%	0.02%	0.01%	0.03%	0.01%	0.01%	0.01%	0.01%	0.03%	0.00%	0.01%	0.00%	0.01%	0.01%	0.00%	0.01%	0.01%	0.01%	0.01%	0.01%	0.00%
T	9486	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.01%	0.01%	0.00%	0.01%	0.00%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.00%	0.00%	0.01%
T	9487	0.01%	0.04%	0.02%	0.03%	0.00%	0.01%	0.01%	0.00%	0.01%	0.01%	0.00%	0.01%	0.02%	0.04%	0.01%	0.02%	0.00%	0.03%	0.01%	0.03%	0.01%
C	9488	0.01%	0.02%	0.03%	0.02%	0.00%	0.02%	0.04%	0.00%	0.01%	0.00%	0.01%	0.01%	0.01%	0.01%	0.01%	0.02%	0.01%	0.03%	0.01%	0.01%	0.02%
G	9489	0.00%	0.01%	0.05%	0.00%	0.01%	0.01%	0.00%	0.00%	0.02%	0.00%	0.01%	0.00%	0.00%	0.00%	0.01%	0.02%	0.01%	0.00%	0.01%	0.02%	0.00%
C	9490	0.00%	0.00%	0.01%	0.01%	0.03%	0.01%	0.01%	0.00%	0.00%	0.00%	0.01%	0.00%	0.01%	0.03%	0.00%	0.01%	0.01%	0.01%	0.01%	0.01%	0.00%
A	9491	0.00%	0.00%	0.01%	0.01%	0.01%	0.01%	0.00%	0.00%	0.00%	0.00%	0.03%	0.00%	0.01%	0.02%	0.00%	0.00%	0.01%	0.02%	0.00%	0.01%	0.01%
G	9492	0.01%	0.01%	0.02%	0.00%	0.01%	0.01%	0.00%	0.03%	0.00%	0.01%	0.00%	0.01%	0.01%	0.01%	0.00%	0.02%	0.01%	0.00%	0.01%	0.00%	0.00%
G	9493	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%
T	9501	0.00%	0.01%	0.00%	0.00%	0.01%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.01%	0.01%	0.00%	0.01%	0.00%	0.00%
G	9502	0.00%	0.02%	0.01%	0.00%	0.01%	0.01%	0.03%	0.00%	0.01%	0.00%	0.00%	0.01%	0.00%	0.01%	0.00%	0.01%	0.01%	0.01%	0.00%	0.01%	0.00%
A	9503	0.00%	0.00%	0.02%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.01%	0.00%	0.02%	0.01%	0.02%	0.00%	0.01%	0.01%
G	9504	0.01%	0.01%	0.01%	0.00%	0.00%	0.01%	0.00%	0.01%	0.01%	0.00%	0.00%	0.00%	0.01%	0.01%	0.01%	0.01%	0.02%	0.02%	0.01%	0.01%	0.01%
C	9505	0.01%	0.00%	0.02%	0.01%	0.00%	0.02%	0.00%	0.01%	0.01%	0.00%	0.01%	0.00%	0.01%	0.01%	0.01%	0.01%	0.02%	0.01%	0.00%	0.01%	0.01%
C	9512	0.01%	0.03%	0.02%	0.02%	0.01%	0.02%	0.00%	0.00%	0.00%	0.00%	0.02%	0.00%	0.03%	0.02%	0.02%	0.01%	0.03%	0.04%	0.00%	0.01%	0.02%
C	9513	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.01%	0.04%
A	9514	0.00%	0.01%	0.02%	0.01%	0.00%	0.01%	0.01%	0.01%	0.01%	0.02%	0.00%	0.00%	0.00%	0.00%	0.01%	0.01%	0.01%	0.00%	0.01%	0.01%	0.01%
C	9515	0.01%	0.03%	0.02%	0.01%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.01%	0.01%	0.03%	0.01%	0.01%	0.03%	0.01%	0.00%	0.01%
T	9516	0.00%	0.00%	0.03%	0.01%	0.00%	0.01%	0.01%	0.01%	0.00%	0.00%	0.00%	0.00%	0.01%	0.01%	0.00%	0.00%	0.01%	0.01%	0.01%	0.02%	0.02%
C	9517	0.01%	0.02%	0.05%	0.04%	0.01%	0.02%	0.01%	0.02%	0.01%	0.03%	0.02%	0.01%	0.03%	0.01%	0.00%	0.01%	0.01%	0.03%	0.03%	0.02%	0.01%
C	9518	0.01%	0.00%	0.01%	0.00%	0.01%	0.00%	0.01%	0.01%	0.00%	0.00%	0.01%	0.01%	0.00%	0.01%	0.01%	0.00%	0.01%	0.01%	0.00%	0.02%	0.01%
A	9519	0.00%	0.03%	0.02%	0.01%	0.00%	0.04%	0.01%	0.02%	0.00%	0.01%	0.01%	0.01%	0.00%	0.00%	0.01%	0.01%	0.01%	0.01%	0.00%	0.00%	0.00%
G	9520	0.01%	0.01%	0.03%	0.02%	0.00%	0.00%	0.01%	0.01%	0.01%	0.02%	0.01%	0.04%	0.01%	0.00%	0.01%	0.02%	0.01%	0.00%	0.00%	0.00%	0.00%
C	9521	0.01%	0.01%	0.03%	0.02%	0.01%	0.01%	0.06%	0.02%	0.05%	0.01%	0.02%	0.01%	0.01%	0.00%	0.01%	0.00%	0.05%	0.01%	0.01%	0.00%	0.02%
C	9522	0.00%	0.01%	0.01%	0.02%	0.01%	0.01%	0.00%	0.01%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.02%	0.01%	0.01%	0.01%
T	9523	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.01%	0.02%	0.00%	0.01%	0.01%	0.00%	0.00%	0.00%	0.01%
A	9524	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.00%	0.00%	0.02%	0.01%	0.00%	0.01%	0.00%	0.00%	0.01%	0.01%	0.01%	0.01%	0.01%	0.02%	0.01%
T	9540	0.02%	0.03%	0.02%	0.01%	0.03%	0.02%	0.08%	0.49%	0.02%	0.05%	0.65%	0.00%	0.21%	0.03%	0.01%	0.01%	0.01%	0.72%	0.01%	0.09%	0.01%
T	9541	0.00%	0.02%	0.01%	0.02%	0.00%	0.00%	0.01%	0.02%	0.03%	0.01%	0.02%	0.01%	0.01%	0.02%	0.04%	0.02%	0.00%	0.01%	0.00%	0.02%	0.00%
A	9542	0.00%	0.02%	0.01%	0.01%	0.00%	0.01%	0.01%	0.01%	0.00%	0.00%	0.00%	0.01%	0.01%	0.01%	0.00%	0.00%	0.00%	0.01%	0.01%	0.00%	0.01%
G	9543	0.03%	0.03%	0.03%	0.05%	0.04%	0.03%	0.06%	0.03%	0.01%	0.05%	0.01%	0.04%	0.06%	0.03%	0.03%	0.04%	0.06%	0.01%	0.03%	0.04%	0.01%
G	9544	0.04%	0.03%	0.02%	0.06%	0.03%	0.02%	0.03%	0.03%	0.04%	0.02%	0.01%	0.03%	0.04%	0.02%	0.04%	0.04%	0.01%	0.02%	0.01%	0.03%	0.12%
A	9545	0.01%	0.01%	0.03%	0.02%	0.01%	0.00%	0.00%	0.01%	0.00%	0.01%	0.00%	0.00%	0.01%	0.02%	0.01%	0.03%	0.01%	0.01%	0.01%	0.02%	0.02%
G	9546	0.01%	0.01%	0.01%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.01%	0.00%	0.00%	0.01%	0.01%	0.00%	0.01%	0.01%	0.02%
G	9547	0.04%	0.02%	0.06%	0.02%	0.01%	0.02%	0.04%	0.02%	0.02%	0.01%	0.02%	0.01%	0.06%	0.02%	0.03%	0.02%	0.04%	0.01%	0.01%	0.03%	0.00%
G	9548	0.00%	0.01%	0.03%	0.01%	0.01%	0.01%	0.04%	0.02%	0.00%	0.01%	0.00%	0.01%	0.00%	0.01%	0.01%	0.01%	0.00%	0.01%	0.01%	0.02%	0.15%
C	9549	0.00%	0.00%	0.00%	0.01%	0.01%	0.00%	0.02%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.03%	0.01%
A	9550	0.01%	0.01%	0.03%	0.03%	0.01%	0.01%	0.06%	0.02%	0.02%	0.02%	0.01%	0.02%	0.02%	0.01%	0.02%	0.03%	0.01%	0.03%	0.01%	0.01%	0.00%
C	9551	0.01%	0.01%	0.01%	0.01%	0.00%	0.00%	0.01%	0.00%	0.00%	0.01%	0.01%	0.00%	0.01%	0.01%	0.04%	0.01%	0.00%	0.01%	0.00%	0.00%	0.02%
T	9552	0.02%	0.04%	0.03%	0.01%	0.01%	0.01%	0.03%	0.05%	0.00%	0.02%	0.02%	0.01%	0.01%	0.02%	0.01%	0.02%	0.01%	0.00%	0.01%	0.02%	0.00%
G	9553	0.05%	0.09%	0.06%	0.07%	0.03%	0.08%	0.06%	5.51%	0.06%	0.08%	0.08%	0.09%	0.16%	0.11%	0.09%	0.06%	0.03%	0.14%	0.03%	0.05%	0.02%
A	9561	0.01%	0.03%	0.01%	0.03%	0.01%	0.02%	0.03%	0.04%	0.03%	0.01%	0.07%	0.01%	0.02%	0.02%	0.04%	0.02%	0.01%	0.08%	0.01%	0.01%	0.07%
C	9562	0.01%	0.00%	0.02%	0.01%	0.02%	0.00%	0.01%	0.02%	0.00%	0.00%	0.01%	0.00%	0.02%	0.03%	0.01%	0.03%	0.02%	0.01%	0.01%	0.01%	0.00%
A	9563	0.00%	0.00%	0.00%	0.00%	0.01%	0.01%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.01%	0.00%	0.01%	0.01%	0.01%	0.00%	0.01%	0.02%	0.02%
G	9564	0.01%	0.02%	0.02%	0.03%	0.00%	0.02%	0.01%	0.01%	0.02%	0.02%	0.01%	0.01%	0.04%	0.01%	0.08%	0.01%	0.01%	0.02%	0.02%	0.01%	0.00%
G	9565	0.00%	0.02%	0.04%	0.03%	0.01%	0.01%	0.01%	0.01%	0.01%	0.02%	0.01%	0.01%	0.02%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.02%	0.00%
C	9566	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.01%	0.00%	0.00%	0.01%	0.01%	0.01%	0.01%	0.00%	0.00%	0.01%	0.01%
A	9567	0.00%	0.00%	0.01%	0.02%	0.01%	0.00%	0.00%	0.03%	0.00%	0.01%	0.01%	0.00%	0.00%	0.00%	0.01%	0.01%	0.00%	0.01%	0.01%	0.01%	0.01%
T	9568	0.00%	0.01%	0.01%	0.04%	0.00%	0.01%	0.02%	0.02%	0.00%	0.03%	0.01%	0.00%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.00%	0.02%	0.00%
C	9569	0.00%	0.01%	0.01%	0.01%	0.01%	0.00%	0.01%	0.01%	0.01%	0.00%	0.01%	0.00%	0.01%	0.01%	0.01%	0.00%	0.01%	0.01%	0.00%	0.01%	0.01%

MT-HV2 seq	Subject *MT-HV2* pos	*POLG* P1	*POLG* P2	*POLG* P3	*POLG* P4	HIV+/NRTI- 29	HIV+/NRTI- 23	HIV+/NRTI- 32	HIV+/NRTI- 25	HIV+/NRTI+ 17	HIV+/NRTI+ 20	HIV+/NRTI+ 18	HIV+/NRTI+ 16	HIV+/NRTI+ 7	HIV+/NRTI+ 12	HIV+/NRTI+ 15	HIV+/NRTI+ 5	HIV- 35	HIV- 38	HIV- 37	HIV- 39	clone
G	185	8774	8936	9450	9354	8489	6414	9148	8816	9242	9385	9257	9679	9732	9750	10369	8229	9144	8488	8100	10077	8733
C	186	8778	8936	9450	9355	8489	6419	9149	8819	9246	9387	9259	9679	9732	9751	10370	8229	9144	8488	8100	10078	8733
G	187	8778	8936	9450	9356	8489	6425	9149	8819	9246	9387	9259	9679	9732	9751	10370	8229	9144	8488	8100	10078	8733
A	188	8812	8970	9450	9358	8489	6542	9153	8848	9273	9453	9273	9683	9733	9756	10387	8229	9155	8492	8101	10123	8733
A	189	8814	8971	9450	9358	8489	6542	9153	8849	9274	9454	9273	9683	9733	9756	10387	8229	9156	8492	8101	10124	8733
C	190	8814	8971	9450	9358	8489	6546	9153	8849	9274	9455	9273	9683	9733	9756	10387	8229	9156	8492	8101	10124	8733
A	191	8814	8971	9450	9359	8489	6584	9153	8849	9274	9455	9273	9684	9733	9756	10387	8229	9156	8492	8101	10124	8733
T	192	8815	8971	9450	9359	8489	6600	9153	8849	9274	9455	9273	9684	9733	9756	10387	8229	9156	8492	8101	10124	8733
A	193	8815	8971	9450	9359	8489	6600	9153	8849	9274	9455	9273	9684	9733	9756	10387	8229	9156	8492	8101	10124	8733
C	194	8815	8971	9450	9359	8489	6600	9153	8849	9274	9455	9273	9684	9733	9756	10387	8229	9156	8492	8101	10124	8733
T	195	8815	8971	9450	9359	8489	6600	9153	8849	9274	9455	9273	9684	9733	9756	10387	8229	9156	8492	8101	10124	8733
T	196	8815	8971	9450	9359	8489	6600	9153	8849	9274	9455	9273	9684	9733	9756	10387	8229	9156	8492	8101	10124	8733
A	197	8815	8971	9450	9359	8489	6600	9153	8849	9274	9455	9273	9684	9733	9756	10387	8229	9156	8492	8101	10124	8733
C	198	8815	8971	9450	9359	8489	6608	9153	8849	9274	9455	9273	9684	9733	9756	10387	8229	9156	8492	8101	10124	8733
T	199	8815	8971	9450	9359	8489	6632	9153	8849	9274	9455	9273	9684	9733	9756	10387	8230	9156	8492	8101	10124	8733
A	200	8815	8972	9450	9359	8489	6640	9153	8849	9274	9455	9273	9685	9733	9756	10387	8230	9156	8492	8101	10124	8733
A	201	8815	8972	9450	9361	8489	6641	9153	8849	9274	9455	9273	9685	9733	9756	10387	8230	9156	8492	8101	10124	8733
A	202	8815	8972	9450	9361	8489	6641	9153	8849	9274	9455	9273	9685	9733	9756	10387	8230	9156	8492	8101	10124	8733
G	203	8815	8973	9450	9361	8489	6641	9153	8849	9274	9455	9273	9685	9733	9756	10387	8230	9156	8492	8101	10124	8733
T	204	8815	8973	9450	9361	8489	6641	9153	8849	9274	9455	9273	9685	9733	9756	10387	8230	9156	8492	8101	10124	8733
G	205	8815	8973	9450	9361	8489	6641	9153	8849	9274	9455	9273	9685	9733	9756	10387	8230	9156	8492	8101	10124	8733
T	206	8815	8973	9450	9361	8489	6641	9153	8849	9274	9455	9273	9685	9733	9756	10387	8230	9156	8492	8101	10124	8733
G	207	8817	8973	9450	9361	8489	6641	9153	8849	9274	9455	9273	9685	9733	9756	10387	8230	9156	8492	8101	10124	8733
T	208	8817	8973	9450	9361	8489	6641	9153	8849	9274	9455	9273	9685	9733	9756	10387	8230	9156	8492	8101	10124	8733
T	209	8817	8973	9450	9361	8489	6641	9153	8849	9274	9455	9273	9685	9733	9756	10387	8230	9156	8492	8101	10124	8733
A	210	8818	8973	9450	9361	8489	6641	9153	8850	9274	9455	9273	9685	9733	9756	10387	8230	9156	8492	8101	10124	8733
A	211	8818	8973	9450	9361	8489	6641	9153	8850	9274	9455	9273	9685	9733	9756	10387	8230	9156	8492	8101	10124	8733
T	212	8819	8973	9450	9362	8489	6641	9153	8850	9274	9455	9273	9685	9733	9756	10387	8230	9156	8492	8101	10124	8733
T	213	8819	8973	9450	9362	8489	6641	9153	8850	9274	9455	9273	9685	9733	9756	10387	8230	9156	8492	8101	10124	8733
A	214	8819	8973	9450	9362	8489	6641	9153	8850	9274	9455	9273	9685	9733	9756	10387	8230	9156	8492	8101	10124	8733
A	215	8819	8973	9450	9362	8489	6641	9153	8850	9274	9455	9273	9685	9733	9756	10387	8230	9156	8492	8101	10124	8733
T	216	8819	8973	9450	9362	8489	6641	9153	8850	9275	9455	9273	9685	9733	9756	10387	8230	9156	8492	8101	10124	8733
T	217	8819	8973	9450	9362	8489	6641	9153	8850	9275	9455	9273	9685	9733	9756	10387	8230	9156	8492	8101	10124	8733
A	218	8819	8973	9450	9362	8489	6641	9153	8850	9275	9455	9273	9685	9733	9756	10387	8230	9156	8492	8101	10124	8733
A	219	8819	8973	9450	9362	8489	6641	9153	8850	9275	9455	9273	9685	9733	9756	10387	8230	9156	8492	8101	10124	8733
T	220	8819	8973	9450	9362	8489	6641	9153	8850	9275	9455	9273	9685	9733	9756	10387	8230	9156	8492	8101	10124	8733
G	221	8819	8973	9450	9362	8489	6641	9153	8850	9275	9455	9273	9685	9733	9756	10387	8230	9156	8492	8101	10124	8733
C	222	8819	8973	9450	9362	8489	6641	9153	8850	9275	9455	9273	9685	9733	9756	10387	8230	9156	8492	8101	10124	8733
T	223	8819	8973	9450	9362	8489	6641	9153	8850	9275	9455	9273	9685	9733	9756	10387	8230	9156	8492	8101	10124	8733
T	224	8819	8973	9450	9362	8489	6641	9153	8850	9275	9455	9273	9685	9733	9756	10387	8230	9156	8492	8101	10124	8733
G	225	8819	8973	9450	9362	8489	6641	9153	8850	9275	9455	9273	9685	9733	9756	10387	8230	9156	8492	8101	10124	8733
T	226	8819	8973	9450	9362	8489	6641	9153	8850	9275	9455	9273	9685	9733	9756	10387	8230	9156	8492	8101	10124	8733
A	227	8819	8973	9450	9362	8489	6641	9153	8850	9275	9455	9273	9685	9733	9756	10387	8230	9156	8492	8101	10124	8733
G	228	8819	8973	9450	9362	8489	6641	9153	8850	9275	9455	9273	9685	9733	9756	10387	8230	9156	8492	8101	10124	8733
G	229	8819	8973	9450	9362	8489	6641	9153	8850	9275	9455	9273	9685	9733	9756	10387	8230	9156	8492	8101	10124	8733
A	230	8819	8973	9450	9362	8489	6641	9153	8850	9275	9455	9273	9685	9733	9756	10387	8230	9156	8492	8101	10124	8733
C	231	8820	8973	9450	9362	8489	6641	9153	8850	9275	9455	9273	9685	9733	9756	10387	8230	9156	8493	8101	10124	8733
A	232	8821	8973	9450	9362	8489	6641	9153	8850	9275	9455	9273	9685	9733	9756	10387	8230	9156	8493	8101	10124	8733
T	233	8822	8973	9450	9362	8489	6641	9153	8850	9275	9455	9273	9685	9733	9756	10387	8230	9156	8493	8101	10124	8733
A	234	8825	8973	9450	9362	8489	6641	9153	8850	9275	9455	9273	9686	9733	9756	10387	8230	9156	8493	8101	10124	8733
A	235	8825	8973	9450	9362	8489	6641	9153	8850	9275	9455	9273	9686	9733	9756	10387	8230	9156	8493	8101	10124	8733
T	236	8825	8973	9450	9362	8489	6641	9153	8850	9275	9455	9273	9686	9733	9756	10387	8230	9156	8493	8101	10124	8733
A	237	8825	8973	9450	9362	8489	6641	9153	8850	9275	9455	9273	9686	9733	9756	10387	8230	9156	8494	8101	10124	8733
A	238	8825	8973	9450	9362	8489	6641	9153	8850	9275	9455	9273	9686	9733	9756	10387	8230	9156	8494	8101	10124	8733
T	239	8825	8973	9450	9362	8489	6641	9153	8850	9275	9455	9273	9686	9733	9756	10387	8230	9156	8494	8101	10124	8733
A	240	8825	8973	9450	9362	8489	6641	9153	8850	9275	9455	9273	9686	9733	9756	10387	8230	9156	8494	8101	10124	8733
A	241	8825	8973	9450	9362	8489	6641	9153	8850	9275	9455	9273	9686	9733	9756	10387	8230	9156	8494	8101	10124	8733
C	242	8825	8973	9450	9362	8489	6641	9153	8850	9275	9455	9273	9686	9733	9756	10387	8230	9156	8494	8101	10124	8733
A	243	8825	8973	9450	9362	8489	6641	9153	8850	9275	9455	9273	9686	9733	9756	10387	8230	9156	8494	8101	10124	8733
A	244	8825	8973	9450	9362	8489	6641	9153	8850	9275	9455	9273	9686	9733	9756	10387	8230	9156	8494	8101	10124	8733
T	245	8825	8973	9450	9362	8489	6641	9153	8850	9275	9455	9273	9686	9733	9756	10387	8230	9156	8494	8101	10124	8733
T	246	8826	8973	9450	9362	8489	6641	9153	8850	9275	9455	9273	9686	9733	9756	10387	8230	9156	8494	8101	10124	8733
G	247	8826	8973	9450	9362	8489	6641	9153	8850	9275	9455	9273	9686	9733	9756	10387	8230	9156	8494	8101	10124	8733
A	248	8826	8973	9450	9362	8489	6641	9153	8850	9275	9455	9273	9686	9733	9756	10387	8230	9156	8494	8101	10124	8733
A	249	8826	8973	9450	9362	8489	6641	9153	8850	9275	9455	9273	9686	9733	9756	10387	8230	9156	8494	8101	10124	8733
T	250	8826	8973	9450	9362	8489	6641	9153	8850	9275	9455	9273	9686	9733	9756	10387	8230	9156	8494	8101	10124	8733
G	251	8826	8973	9450	9362	8489	6641	9153	8850	9275	9455	9273	9686	9733	9756	10387	8230	9156	8494	8101	10124	8733
T	252	8826	8973	9450	9362	8489	6641	9153	8850	9275	9455	9273	9686	9733	9756	10387	8230	9156	8494	8101	10124	8733
C	253	8828	8973	9450	9363	8489	6641	9153	8850	9275	9455	9273	9686	9733	9756	10387	8230	9156	8494	8101	10124	8733
T	254	8828	8973	9450	9363	8489	6641	9153	8850	9275	9455	9273	9686	9733	9756	10387	8230	9156	8494	8101	10124	8733
G	255	8828	8973	9450	9363	8489	6641	9153	8851	9275	9456	9273	9686	9733	9757	10388	8230	9156	8494	8101	10124	8733
C	256	8828	8973	9452	9363	8489	6642	9153	8851	9275	9456	9273	9687	9735	9759	10388	8230	9156	8494	8101	10124	8733
A	257	8829	8973	9452	9363	8490	6642	9153	8851	9275	9457	9273	9687	9735	9759	10388	8230	9156	8496	8101	10124	8733
C	258	8829	8973	9452	9364	8490	6642	9153	8851	9275	9457	9273	9687	9737	9759	10388	8230	9156	8496	8101	10124	8733
A	259	8829	8973	9452	9364	8490	6642	9153	8851	9275	9457	9273	9687	9737	9759	10388	8230	9156	8496	8101	10124	8733
G	260	8829	8974	9452	9364	8490	6642	9153	8851	9275	9457	9273	9687	9737	9759	10388	8230	9156	8496	8101	10124	8733
C	261	8829	8974	9452	9364	8490	6642	9154	8851	9275	9457	9274	9687	9737	9760	10389	8231	9157	8496	8101	10124	8733
C	262	8829	8974	9452	9364	8490	6642	9154	8851	9275	9457	9274	9687	9737	9760	10389	8231	9157	8496	8101	10124	8733
A	263	8829	8974	9452	9365	8491	6643	9154	8851	9275	9457	9274	9687	9737	9760	10389	8231	9157	8496	8101	10124	8733
C	264	8829	8974	9452	9365	8491	6643	9155	8851	9275	9457	9274	9687	9737	9760	10389	8231	9157	8496	8101	10124	8733
T	265	8829	8974	9452	9365	8491	6643	9155	8851	9275	9457	9274	9687	9737	9760	10389	8231	9157	8496	8101	10124	8733
T	266	8829	8974	9452	9365	8491	6643	9155	8851	9275	9457	9274	9687	9737	9760	10389	8231	9157	8496	8101	10124	8733
T	267	8829	8974	9452	9365	8491	6643	9155	8851	9275	9457	9274	9687	9737	9760	10389	8231	9157	8496	8101	10124	8733
C	268	8829	8974	9452	9365	8491	6643	9155	8851	9275	9457	9274	9687	9737	9760	10389	8231	9157	8496	8101	10124	8733
C	269	8829	8974	9452	9365	8491	6643	9155	8851	9275	9457	9274	9687	9737	9760	10389	8231	9157	8496	8101	10124	8733
A	270	8829	8974	9452	9365	8491	6643	9155	8851	9275	9457	9274	9687	9737	9760	10389	8231	9157	8496	8101	10124	8733
C	271	8829	8974	9452	9365	8491	6643	9155	8851	9275	9457	9274	9687	9737	9760	10389	8231	9157	8496	8101	10124	8733
A	272	8829	8974	9452	9365	8491	6643	9155	8851	9275	9457	9274	9687	9737	9760	10389	8231	9157	8496	8101	10124	8733
C	273	8829	8974	9452	9365	8491	6643	9155	8851	9275	9457	9274	9687	9737	9760	10389	8231	9157	8496	8101	10124	8733
A	274	8829	8974	9452	9365	8491	6643	9155	8851	9275	9457	9274	9687	9737	9760	10389	8232	9157	8496	8101	10124	8733
G	275	8829	8974	9452	9365	8491	6643	9155	8851	9275	9457	9274	9687	9737	9760	10389	8232	9157	8496	8101	10124	8733
A	276	8829	8974	9452	9365	8491	6643	9155	8851	9275	9457	9274	9687	9737	9760	10389	8232	9157	8496	8101	10124	8733
C	277	8829	8974	9452	9365	8491	6643	9155	8851	9275	9457	9274	9687	9737	9760	10389	8232	9157	8496	8101	10124	8733
A	278	8829	8974	9452	9365	8491	6643	9155	8851	9275	9457	9274	9687	9737	9760	10389	8232	9157	8496	8101	10124	8733
T	279	8829	8974	9452	9365	8491	6643	9155	8851	9275	9457	9274	9687	9737	9760	10390	8232	9157	8496	8101	10124	8733
C	280	8829	8974	9453	9366	8491	6643	9155	8851	9275	9457	9274	9687	9737	9760	10390	8232	9157	8496	8101	10124	8733
A	281	8829	8974	9453	9366	8491	6643	9155	8851	9275	9457	9274	9687	9737	9760	10390	8232	9157	8496	8101	10124	8733
T	282	8829	8974	9453	9366	8491	6643	9155	8851	9275	9457	9274	9687	9737	9760	10390	8232	9157	8496	8101	10124	8733
A	283	8829	8975	9453	9367	8491	6643	9155	8851	9275	9457	9274	9687	9737	9760	10390	8232	9157	8496	8101	10124	8733
A	284	8829	8975	9453	9367	8491	6643	9155	8851	9275	9457	9274	9687	9737	9760	10390	8232	9157	8496	8101	10124	8733
T	293	8830	8980	9456	9374	8491	6644	9155	8852	9277	9458	9274	9689	9739	9760	10391	8232	9157	8498	8102	10124	8733
C	295	8830	8980	9458	9375	8491	6644	9155	8852	9277	9458	9274	9689	9739	9760	10391	8232	9157	8498	8102	10124	8733
C	296	8830	8980	9459	9375	8491	6644	9155	8852	9277	9458	9274	9689	9739	9760	10391	8232	9157	8498	8102	10124	8733
A	297	8830	8980	9459	9375	8491	6644	9155	8852	9277	9458	9274	9689	9739	9760	10391	8232	9157	8498	8102	10124	8733
C	298	8830	8980	9459	9375	8491	6644	9155	8852	9277	9458	9274	9689	9739	9760	10391	8232	9157	8498	8102	10124	8733
A	300	8830	8980	9459	9375	8491	6644	9155	8852	9277	9458	9274	9689	9739	9760	10391	8232	9157	8498	8102	10124	8733
A	301	8830	8980	9459	9375	8491	6644	9155	8852	9277	9458	9274	9689	9739	9760	10391	8232	9157	8498	8102	10124	8733
C	317	8830	8979	9458	9374	8491	6644	9155	8852	9277	9458	9273	9689	9739	9760	10391	8233	9157	8498	8102	10124	8733
T	318	8830	8979	9458	9374	8491	6644	9155	8852	9277	9457	9273	9689	9739	9760	10391	8233	9157	8498	8102	10124	8733
T	319	8830	8979	9458	9374	8491	6644	9155	8852	9277	9457	9273	9689	9739	9760	10391	8233	9157	8498	8102	10124	8733
C	320	8830	8979	9458	9374	8491	6644	9155	8852	9277	9457	9273	9689	9739	9760	10391	8233	9157	8498	8102	10124	8733
T	321	8829	8979	9458	9374	8491	6644	9155	8852	9277	9457	9273	9689	9739	9760	10391	8233	9157	8498	8102	10124	8733
G	322	8829	8979	9458	9374	8491	6644	9155	8852	9277	9457	9273	9689	9739	9760	10391	8232	9157	8498	8102	10124	8733
G	323	8829	8979	9458	9374	8491	6644	9155	8852	9277	9457	9273	9689	9739	9760	10391	8232	9157	8498	8102	10124	8733
C	324	8829	8979	9458	9374	8491	6644	9155	8852	9277	9457	9273	9689	9739	9760	10391	8232	9157	8498	8102	10124	8733
C	325	8829	8979	9458	9374	8491	6644	9155	8852	9277	9457	9273	9689	9739	9760	10391	8232	9157	8498	8102	10124	8733
A	326	8829	8979	9458	9374	8491	6644	9155	8852	9277	9457	9273	9689	9739	9760	10391	8232	9157	8498	8102	10124	8733
C	327	8829	8979	9458	9374	8491	6644	9155	8852	9277	9457	9273	9688	9739	9760	10391	8232	9157	8498	8102	10124	8733
A	328	8829	8979	9458	9374	8491	6644	9155	8852	9277	9457	9273	9688	9739	9760	10391	8232	9157	8498	8102	10124	8733
G	329	8829	8979	9458	9374	8491	6644	9155	8852	9277	9457	9273	9688	9739	9760	10391	8232	9157	8498	8102	10124	8733
C	330	8829	8979	9458	9374	8491	6644	9155	8852	9277	9457	9273	9688	9739	9760	10391	8232	9157	8498	8102	10124	8733
A	331	8829	8979	9458	9374	8491	6644	9155	8852	9277	9457	9273	9688	9739	9760	10391	8232	9157	8498	8102	10124	8733
C	332	8829	8979	9458	9374	8491	6644	9155	8852	9277	9457	9273	9688	9739	9760	10391	8232	9157	8498	8102	10124	8733
T	333	8829	8979	9458	9374	8491	6644	9155	8852	9277	9457	9273	9688	9739	9760	10391	8232	9157	8498	8102	10124	8733
T	334	8829	8979	9458	9374	8491	6644	9155	8852	9277	9457	9273	9688	9739	9760	10391	8232	9157	8498	8102	10124	8733
A	335	8829	8979	9458	9374	8491	6644	9155	8852	9277	9457	9273	9688	9739	9760	10391	8232	9157	8498	8102	10124	8733
A	336	8829	8979	9458	9374	8491	6644	9155	8852	9277	9457	9273	9688	9739	9760	10391	8232	9157	8498	8102	10124	8733
A	337	8829	8979	9458	9374	8491	6644	9155	8852	9277	9457	9273	9688	9739	9760	10391	8232	9157	8498	8102	10124	8733
C	338	8829	8979	9458	9374	8491	6644	9155	8852	9277	9457	9273	9688	9739	9760	10391	8232	9157	8498	8102	10124	8733
A	339	8829	8979	9458	9374	8491	6644	9155	8852	9277	9457	9273	9688	9739	9760	10391	8232	9157	8498	8102	10124	8733
C	340	8829	8979	9458	9374	8491	6644	9155	8852	9277	9457	9273	9688	9739	9760	10391	8232	9157	8498	8102	10124	8733
A	341	8829	8979	9458	9374	8491	6644	9155	8852	9277	9457	9273	9688	9739	9760	10391	8232	9157	8498	8102	10124	8733
T	342	8829	8979	9458	9374	8491	6644	9155	8852	9277	9457	9273	9688	9739	9760	10391	8232	9157	8498	8102	10124	8733
C	343	8829	8979	9458	9374	8491	6644	9155	8852	9277	9457	9273	9688	9739	9760	10391	8232	9157	8498	8102	10124	8733
T	344	8829	8979	9458	9374	8491	6644	9155	8852	9277	9457	9273	9688	9739	9760	10391	8232	9157	8498	8102	10124	8733
C	345	8829	8979	9458	9374	8491	6644	9155	8852	9277	9457	9273	9688	9739	9760	10391	8232	9157	8498	8102	10124	8733
T	346	8829	8979	9458	9374	8491	6644	9155	8852	9277	9457	9273	9688	9739	9760	10391	8232	9157	8498	8102	10124	8733
G	347	8829	8979	9458	9374	8491	6644	9155	8852	9277	9457	9273	9688	9739	9760	10391	8232	9157	8498	8102	10124	8733
C	348	8829	8979	9458	9374	8491	6644	9155	8852	9277	9457	9273	9688	9739	9760	10391	8232	9157	8498	8102	10124	8733
C	349	8829	8979	9458	9374	8491	6644	9155	8852	9277	9457	9273	9688	9739	9760	10391	8232	9157	8498	8102	10124	8733
A	350	8829	8979	9458	9374	8491	6644	9155	8852	9277	9457	9273	9688	9739	9760	10391	8232	9157	8498	8102	10124	8733
A	351	8829	8979	9458	9374	8491	6644	9155	8852	9277	9457	9273	9688	9739	9760	10391	8232	9157	8498	8102	10124	8733
A	363	8829	8979	9458	9374	8491	6644	9155	8852	9277	9457	9273	9688	9739	9760	10391	8232	9157	8498	8102	10124	8733
A	364	8829	8979	9458	9374	8491	6644	9155	8852	9277	9457	9273	9688	9739	9760	10391	8232	9157	8498	8102	10124	8733
A	365	8829	8979	9458	9374	8491	6644	9155	8852	9277	9457	9273	9688	9739	9760	10391	8232	9157	8498	8102	10124	8733
G	366	8829	8979	9458	9374	8491	6644	9155	8852	9277	9457	9273	9688	9739	9760	10391	8232	9157	8498	8102	10124	8733
A	367	8829	8979	9458	9374	8491	6644	9155	8852	9277	9457	9273	9688	9739	9760	10391	8232	9157	8498	8102	10124	8733
A	368	8829	8979	9458	9374	8491	6644	9155	8852	9277	9457	9273	9688	9739	9760	10391	8232	9157	8498	8102	10124	8733
C	369	8829	8979	9458	9374	8491	6644	9155	8852	9277	9457	9273	9688	9739	9760	10391	8232	9157	8498	8102	10124	8733
C	370	8829	8979	9458	9374	8491	6644	9155	8852	9277	9457	9273	9688	9739	9760	10391	8232	9157	8498	8102	10124	8733
C	371	8829	8979	9458	9374	8491	6644	9155	8852	9277	9457	9273	9688	9739	9760	10391	8232	9157	8498	8102	10124	8733
T	372	8829	8979	9458	9374	8491	6644	9155	8852	9277	9457	9273	9688	9739	9760	10391	8232	9157	8498	8102	10124	8733
A	373	8829	8979	9458	9374	8491	6644	9155	8852	9277	9457	9273	9688	9739	9760	10391	8232	9157	8498	8102	10124	8733
A	374	8829	8979	9458	9374	8491	6644	9155	8852	9277	9457	9273	9688	9739	9760	10391	8232	9157	8498	8102	10124	8733
C	375	8829	8979	9458	9374	8491	6644	9155	8852	9277	9457	9273	9688	9739	9760	10391	8232	9157	8498	8102	10124	8733
A	376	8829	8979	9458	9374	8491	6644	9155	8852	9277	9457	9273	9687	9739	9760	10391	8232	9157	8498	8102	10124	8733
C	377	8829	8979	9458	9374	8491	6644	9155	8852	9277	9456	9273	9687	9739	9760	10391	8232	9157	8497	8102	10124	8733
C	378	8829	8979	9458	9374	8491	6644	9155	8852	9277	9456	9273	9687	9739	9760	10391	8232	9157	8497	8102	10124	8733
A	379	8829	8979	9458	9374	8491	6644	9155	8852	9277	9456	9273	9687	9739	9760	10391	8232	9157	8497	8102	10124	8733
G	380	8829	8979	9458	9374	8491	6644	9155	8852	9277	9456	9273	9687	9739	9760	10391	8232	9157	8497	8102	10124	8733
C	381	8829	8979	9458	9374	8491	6644	9155	8852	9277	9456	9273	9687	9739	9760	10391	8232	9157	8497	8102	10124	8733
C	382	8829	8979	9458	9374	8491	6644	9155	8852	9277	9456	9273	9687	9739	9760	10391	8232	9157	8497	8102	10124	8733
T	383	8829	8979	9458	9374	8491	6644	9155	8852	9277	9456	9273	9687	9739	9760	10391	8232	9157	8497	8102	10124	8733
A	384	8829	8979	9458	9374	8491	6644	9155	8852	9277	9456	9273	9687	9739	9760	10391	8232	9157	8497	8102	10124	8733
A	385	8829	8978	9458	9374	8491	6644	9155	8852	9277	9456	9273	9687	9739	9760	10391	8232	9157	8497	8102	10124	8733
C	386	8829	8978	9458	9374	8491	6644	9155	8852	9277	9456	9273	9687	9739	9760	10391	8232	9157	8497	8102	10124	8733
C	387	8829	8978	9458	9374	8491	6644	9155	8852	9277	9456	9273	9687	9739	9760	10391	8232	9157	8497	8102	10124	8733
A	388	8829	8978	9458	9374	8490	6643	9155	8851	9277	9456	9273	9687	9739	9760	10391	8232	9157	8497	8101	10124	8733
G	389	8829	8978	9458	9374	8490	6643	9155	8851	9277	9456	9273	9687	9739	9760	10391	8232	9157	8497	8101	10124	8733
A	390	8829	8978	9458	9374	8490	6643	9155	8851	9277	9456	9273	9687	9739	9760	10391	8232	9157	8497	8101	10124	8733
T	391	8829	8978	9457	9374	8490	6643	9155	8851	9277	9456	9273	9687	9739	9760	10391	8232	9156	8496	8101	10124	8733
T	392	8829	8978	9457	9374	8490	6643	9155	8851	9277	9456	9273	9687	9739	9760	10391	8232	9156	8496	8101	10124	8733
T	393	8829	8978	9457	9374	8490	6643	9155	8851	9277	9456	9273	9687	9739	9760	10391	8232	9156	8496	8101	10124	8733
C	394	8829	8978	9457	9374	8490	6643	9155	8851	9277	9456	9273	9687	9739	9760	10391	8232	9156	8496	8101	10124	8733
A	395	8829	8978	9457	9374	8490	6643	9155	8851	9277	9456	9273	9687	9739	9760	10391	8232	9156	8496	8101	10124	8733
A	396	8829	8978	9457	9374	8490	6643	9155	8851	9277	9456	9273	9687	9739	9760	10391	8232	9156	8496	8101	10124	8733
T	403	8825	8976	9457	9374	8490	6643	9155	8849	9276	9456	9273	9687	9739	9759	10391	8232	9155	8496	8101	10124	8733
G	410	8824	8976	9457	9374	8490	6643	9155	8849	9274	9456	9273	9687	9739	9759	10390	8232	9155	8496	8101	10124	8733
C	411	8824	8976	9457	9374	8490	6643	9155	8849	9274	9456	9273	9687	9739	9759	10390	8231	9155	8496	8101	10124	8733
G	412	8824	8976	9457	9374	8490	6643	9154	8849	9274	9456	9273	9687	9739	9759	10389	8231	9155	8496	8101	10124	8733
G	413	8824	8975	9457	9374	8490	6643	9154	8849	9272	9456	9273	9687	9739	9759	10389	8231	9155	8496	8101	10124	8733
T	414	8824	8975	9456	9374	8490	6643	9154	8849	9272	9456	9273	9687	9739	9759	10389	8231	9155	8496	8101	10124	8733
A	415	8823	8975	9456	9374	8490	6643	9154	8849	9271	9456	9273	9687	9738	9759	10389	8231	9155	8496	8101	10124	8733
T	416	8823	8975	9455	9373	8489	6643	9154	8848	9271	9456	9272	9687	9738	9759	10389	8231	9155	8496	8101	10123	8733
G	417	8823	8975	9455	9373	8489	6643	9154	8848	9271	9456	9272	9687	9738	9759	10389	8231	9155	8496	8101	10123	8733
C	418	8823	8975	9455	9373	8489	6643	9154	8848	9271	9456	9272	9687	9738	9759	10389	8231	9155	8496	8101	10123	8733
A	419	8823	8975	9455	9373	8489	6643	9154	8848	9271	9456	9272	9687	9738	9759	10389	8231	9155	8496	8101	10123	8733
A	426	8823	8974	9453	9372	8489	6643	9154	8848	9271	9456	9271	9685	9738	9757	10388	8231	9154	8496	8101	10123	8733
C	427	8822	8972	9453	9371	8488	6640	9152	8848	9271	9455	9271	9685	9736	9756	10387	8231	9153	8496	8100	10122	8733
A	428	8822	8971	9453	9371	8488	6639	9152	8848	9271	9455	9271	9685	9735	9756	10387	8231	9153	8496	8100	10122	8733
G	429	8822	8970	9453	9371	8488	6635	9152	8848	9271	9455	9271	9685	9735	9756	10387	8231	9153	8496	8100	10122	8733
T	430	8821	8969	9453	9371	8488	6606	9152	8848	9270	9455	9271	9685	9735	9756	10387	8230	9152	8496	8100	10122	8733
C	431	8818	8966	9453	9371	8488	6501	9152	8848	9270	9455	9270	9685	9735	9755	10387	8229	9152	8496	8100	10122	8733

MT-HV2 seq	Subject *MT-HV2* pos	*POLG* P1	*POLG* P2	*POLG* P3	*POLG* P4	HIV+/NRTI- 29	HIV+/NRTI- 23	HIV+/NRTI- 32	HIV+/NRTI- 25	HIV+/NRTI+ 17	HIV+/NRTI+ 20	HIV+/NRTI+ 18	HIV+/NRTI+ 16	HIV+/NRTI+ 7	HIV+/NRTI+ 12	HIV+/NRTI+ 15	HIV+/NRTI+ 5	HIV- 35	HIV- 38	HIV- 37	HIV- 39	clone
G	185	0.74%	0.67%	0.13%	0.10%	0.05%	2.67%	0.37%	0.34%	0.38%	0.72%	0.35%	0.13%	0.13%	0.08%	0.31%	0.05%	0.10%	0.16%	0.23%	0.79%	0.05%
C	186	0.98%	1.32%	0.03%	18.66%	0.04%	0.89%	0.11%	0.50%	0.65%	0.94%	0.51%	0.18%	0.09%	0.08%	0.26%	0.04%	0.13%	0.06%	0.04%	1.08%	0.06%
G	187	0.15%	0.26%	0.05%	0.03%	0.01%	0.62%	0.02%	0.08%	0.08%	0.26%	0.12%	0.05%	0.01%	0.04%	0.06%	0.00%	0.01%	0.01%	0.00%	0.25%	0.02%
A	188	0.27%	0.43%	0.01%	0.00%	0.04%	0.64%	0.03%	0.11%	0.14%	0.36%	0.15%	0.04%	0.01%	0.01%	0.11%	0.00%	0.03%	0.01%	0.00%	0.51%	0.00%
A	189	3.00%	4.96%	0.01%	0.09%	0.39%	7.55%	0.45%	1.41%	2.63%	3.41%	1.67%	0.37%	0.26%	0.27%	1.20%	0.01%	0.54%	0.54%	0.20%	3.65%	0.01%
C	190	0.02%	0.01%	0.00%	0.03%	0.02%	1.56%	0.00%	0.02%	0.00%	0.02%	0.02%	0.03%	0.01%	0.01%	0.02%	0.00%	0.01%	0.00%	0.01%	0.02%	0.00%
A	191	0.00%	0.01%	0.00%	0.07%	0.00%	2.72%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.01%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
T	192	0.00%	0.00%	0.01%	0.73%	0.00%	0.09%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
A	193	0.00%	0.00%	0.01%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.01%	0.00%	0.00%	0.00%	0.00%	0.03%
C	194	0.05%	0.03%	0.03%	0.06%	0.07%	0.00%	0.02%	0.00%	0.01%	0.04%	0.00%	0.03%	0.03%	0.04%	0.00%	0.01%	0.02%	0.00%	0.04%	0.02%	0.02%
T	195	0.06%	0.03%	0.04%	0.06%	0.06%	8.58%	0.02%	1.25%	0.02%	0.14%	0.53%	0.05%	0.75%	0.06%	0.42%	0.01%	0.03%	0.68%	0.05%	0.28%	0.00%
T	196	0.10%	0.08%	0.01%	0.03%	0.04%	5.36%	0.07%	0.67%	0.08%	0.19%	0.26%	0.12%	0.20%	0.07%	0.23%	0.09%	0.05%	0.21%	0.04%	0.12%	0.00%
A	197	0.01%	0.01%	0.01%	0.00%	0.00%	4.06%	0.00%	0.00%	0.01%	0.03%	0.00%	0.04%	0.01%	0.01%	0.00%	0.04%	0.00%	0.00%	0.02%	0.03%	0.00%
C	198	0.00%	0.00%	0.00%	0.00%	0.01%	0.55%	0.00%	0.05%	0.02%	0.01%	0.06%	0.03%	0.02%	0.02%	0.10%	0.01%	0.03%	0.75%	0.01%	0.18%	0.01%
T	199	0.02%	0.02%	0.00%	0.03%	0.00%	0.11%	0.01%	0.01%	0.02%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.04%	0.00%
A	200	0.01%	0.01%	0.00%	0.01%	0.00%	49.98%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.02%	0.00%	0.00%	0.00%	0.09%	0.01%	0.00%	0.00%
A	201	0.00%	0.01%	0.00%	0.00%	0.00%	0.03%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
A	202	0.12%	0.08%	0.15%	0.04%	0.08%	0.15%	0.09%	0.07%	0.04%	0.10%	0.12%	0.10%	0.11%	0.09%	0.10%	0.06%	0.04%	0.01%	0.07%	0.11%	0.06%
G	203	0.01%	0.01%	0.00%	0.03%	0.01%	0.03%	0.01%	0.00%	0.00%	0.00%	0.00%	0.03%	0.01%	0.00%	0.01%	0.01%	0.00%	0.01%	0.02%	0.01%	0.01%
T	204	0.02%	0.03%	0.00%	0.00%	0.04%	0.15%	0.02%	0.02%	0.01%	0.04%	0.03%	0.02%	0.00%	0.02%	0.01%	0.16%	0.00%	0.47%	0.01%	0.00%	0.00%
G	205	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.01%	0.00%	0.01%	0.00%	0.00%	0.00%
T	206	0.00%	0.00%	0.00%	0.00%	0.02%	0.02%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.01%	0.02%	0.01%	0.01%	0.02%	0.00%	0.00%
G	207	0.02%	0.00%	0.00%	0.12%	0.00%	0.00%	0.02%	0.01%	0.02%	0.01%	0.03%	0.00%	0.02%	0.01%	0.03%	0.01%	0.03%	0.86%	0.01%	0.20%	0.02%
T	208	0.00%	0.00%	0.03%	0.00%	0.01%	0.00%	0.02%	0.00%	0.00%	0.02%	0.02%	0.01%	0.00%	0.01%	0.02%	0.01%	0.00%	0.11%	0.01%	0.00%	0.00%
T	209	0.00%	0.01%	0.05%	0.00%	0.01%	0.03%	0.03%	0.00%	0.00%	0.02%	0.06%	0.01%	0.00%	0.01%	0.01%	0.01%	0.01%	0.12%	0.04%	0.01%	0.01%
A	210	0.00%	0.00%	0.04%	0.00%	0.01%	0.02%	0.02%	0.00%	0.00%	0.02%	0.02%	0.01%	0.00%	0.01%	0.01%	0.01%	0.01%	0.12%	0.02%	0.00%	0.01%
A	211	0.10%	0.07%	0.14%	0.10%	0.09%	0.09%	0.12%	0.09%	0.05%	0.14%	0.10%	0.11%	0.03%	0.03%	0.09%	0.10%	0.03%	0.02%	0.07%	0.05%	0.00%
T	212	0.01%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.01%	0.02%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
T	213	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.01%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%
A	214	11.58%	9.21%	1.82%	1.99%	0.00%	0.54%	0.01%	0.16%	0.28%	0.34%	0.02%	0.03%	0.04%	0.00%	0.00%	0.01%	0.01%	0.20%	0.19%	0.08%	0.00%
A	215	6.66%	4.47%	1.80%	1.51%	0.01%	0.54%	0.03%	0.49%	0.25%	0.32%	0.03%	0.03%	0.10%	0.04%	0.01%	0.02%	0.12%	0.15%	0.37%	0.12%	0.05%
T	216	0.00%	0.00%	0.00%	0.03%	0.00%	0.00%	0.01%	0.02%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
T	217	0.06%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.01%	0.00%	0.02%	0.01%	0.02%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
A	218	0.02%	0.03%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.01%	0.00%	0.02%	0.01%	0.02%	0.02%	0.00%	0.00%	0.01%	0.00%	0.01%	0.00%
A	219	0.05%	0.03%	0.01%	0.03%	0.00%	0.00%	0.00%	0.00%	0.01%	0.01%	0.03%	0.03%	0.03%	0.02%	0.00%	0.01%	0.00%	0.00%	0.01%	0.00%	0.00%
T	220	0.02%	0.00%	0.01%	0.02%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.02%	0.01%	0.02%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
G	221	0.01%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.01%
C	222	0.02%	0.00%	0.06%	0.01%	0.00%	0.02%	0.00%	0.00%	0.00%	0.00%	0.01%	0.01%	0.00%	0.00%	0.00%	0.02%	0.00%	0.00%	0.00%	0.00%	0.01%
T	223	0.02%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
T	224	0.03%	0.02%	0.00%	0.03%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.02%	0.00%
G	225	0.05%	0.01%	0.00%	0.02%	0.00%	0.00%	0.00%	0.03%	0.00%	0.01%	0.01%	0.01%	0.01%	0.00%	0.03%	0.00%	0.00%	0.02%	0.00%	0.00%	0.02%
T	226	0.02%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.01%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%
A	227	0.03%	0.01%	0.00%	0.01%	0.02%	0.00%	0.01%	0.02%	0.00%	0.01%	0.01%	0.02%	0.02%	0.02%	0.06%	0.00%	0.01%	0.01%	0.00%	0.00%	0.02%
G	228	0.02%	0.04%	0.06%	0.03%	0.01%	0.14%	0.23%	0.18%	0.00%	0.02%	0.02%	0.00%	0.01%	0.04%	0.04%	0.00%	0.05%	0.02%	0.15%	0.01%	0.00%
G	229	0.03%	0.03%	0.02%	0.14%	0.00%	0.15%	0.10%	0.05%	0.00%	0.01%	0.00%	0.02%	0.05%	0.02%	0.00%	0.00%	0.05%	0.15%	0.04%	0.00%	0.05%
A	230	0.00%	0.00%	0.00%	0.00%	0.00%	0.03%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.01%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%
C	231	0.00%	0.01%	0.03%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.04%	0.00%	0.00%	0.01%	0.00%	0.02%	0.00%	0.01%
A	232	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.01%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
T	233	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.01%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%
A	234	0.05%	0.00%	0.00%	0.03%	0.00%	0.00%	0.00%	0.00%	0.01%	0.01%	0.01%	0.01%	0.00%	0.04%	0.00%	0.00%	0.00%	0.00%	0.00%	0.02%	0.00%
A	235	0.24%	0.30%	0.03%	0.02%	0.01%	0.05%	0.01%	0.01%	0.04%	0.02%	0.01%	0.03%	0.03%	0.03%	0.07%	0.00%	0.00%	0.02%	0.02%	0.03%	0.00%
T	236	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%
A	237	0.11%	0.23%	0.01%	0.01%	0.00%	0.00%	0.00%	0.00%	0.02%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.05%	0.00%	0.05%	0.00%
A	238	0.20%	0.11%	0.02%	0.15%	0.00%	0.00%	0.00%	0.00%	0.04%	0.03%	0.01%	0.00%	0.03%	0.01%	0.01%	0.00%	0.01%	0.01%	0.02%	0.00%	0.06%
T	239	0.00%	0.00%	0.00%	0.02%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.02%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
A	240	0.29%	0.21%	0.00%	0.16%	0.00%	0.02%	0.00%	0.08%	0.06%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.01%	0.00%
A	241	0.25%	0.18%	0.02%	0.06%	0.00%	0.06%	0.01%	0.00%	0.09%	0.00%	0.01%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.02%	0.04%	0.01%	0.00%
C	242	0.00%	0.00%	0.01%	0.00%	0.00%	0.02%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%
A	243	0.14%	0.07%	0.00%	0.10%	0.00%	0.00%	0.00%	0.05%	0.00%	0.00%	0.00%	0.02%	0.00%	0.01%	0.03%	0.00%	0.00%	0.00%	0.02%	0.00%	0.00%
A	244	0.12%	0.09%	0.00%	0.12%	0.00%	0.00%	0.00%	0.08%	0.01%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%
T	245	0.02%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
T	246	0.12%	0.06%	0.01%	0.41%	0.00%	0.00%	0.00%	0.02%	0.03%	0.01%	0.00%	0.00%	0.01%	0.01%	0.00%	0.00%	0.01%	0.02%	0.05%	0.00%	0.00%
G	247	0.02%	0.01%	0.01%	0.03%	0.00%	0.02%	0.00%	0.00%	0.02%	0.02%	0.00%	0.00%	0.00%	0.01%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
A	248	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.01%	0.00%	0.00%	0.01%
A	249	0.01%	0.02%	0.00%	0.01%	0.00%	0.02%	0.00%	0.00%	0.01%	0.02%	0.00%	0.03%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.01%
T	250	0.03%	0.01%	0.00%	0.02%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
G	251	0.85%	0.71%	0.00%	0.37%	0.00%	0.02%	0.00%	0.05%	0.04%	0.00%	0.01%	0.00%	0.00%	0.00%	0.01%	0.01%	0.01%	0.04%	0.12%	0.24%	0.00%
T	252	0.02%	0.02%	0.01%	0.05%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.01%	0.01%	0.01%	0.00%	0.00%	0.01%	0.00%	0.00%
C	253	0.43%	0.50%	0.05%	0.12%	0.00%	0.00%	0.00%	0.00%	0.04%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.02%	0.00%
T	254	0.19%	0.19%	0.02%	0.02%	0.00%	0.00%	0.00%	0.00%	0.03%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.01%	0.00%	0.01%
G	255	0.02%	0.02%	0.00%	0.02%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.01%	0.00%	0.00%	0.00%	0.00%	0.01%	0.02%
C	256	0.01%	0.02%	0.01%	0.00%	0.01%	0.02%	0.02%	0.00%	0.01%	0.01%	0.01%	0.00%	0.02%	0.00%	0.00%	0.00%	0.02%	0.00%	0.00%	0.00%	0.00%
A	257	0.02%	0.00%	0.00%	0.00%	0.01%	0.00%	0.02%	0.00%	0.03%	0.01%	0.02%	0.00%	0.00%	0.01%	0.01%	0.01%	0.01%	0.00%	0.01%	0.00%	0.00%
C	258	0.02%	0.01%	0.02%	0.01%	0.00%	0.00%	0.02%	0.01%	0.01%	0.00%	0.02%	0.04%	0.01%	0.01%	0.01%	0.01%	0.00%	0.00%	0.00%	0.01%	0.01%
A	259	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%
G	260	0.01%	0.00%	0.02%	0.02%	0.01%	0.00%	0.00%	0.03%	0.00%	0.02%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.01%	0.01%	0.02%	0.00%	0.00%
C	261	0.00%	0.00%	0.00%	0.00%	0.00%	0.02%	0.01%	0.00%	0.01%	0.01%	0.01%	0.01%	0.01%	0.00%	0.00%	0.00%	0.00%	0.04%	0.00%	0.00%	0.01%
C	262	0.00%	0.03%	0.02%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.02%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.01%	0.00%	0.02%	0.01%	0.01%
A	263	0.03%	0.03%	0.05%	0.07%	0.01%	0.03%	0.01%	0.01%	0.04%	0.01%	0.01%	0.07%	0.06%	0.00%	0.07%	0.04%	0.01%	0.04%	0.04%	0.04%	0.14%
C	264	0.01%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.02%	0.00%	0.00%
T	265	0.01%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.01%	0.00%
T	266	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
T	267	0.00%	0.01%	0.00%	0.01%	0.02%	0.00%	0.00%	0.00%	0.01%	0.01%	0.01%	0.01%	0.00%	0.00%	0.01%	0.00%	0.01%	0.00%	0.01%	0.00%	0.06%
C	268	0.00%	0.03%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
C	269	0.01%	0.02%	0.05%	0.03%	0.01%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.02%	0.01%	0.02%	0.01%	0.04%	0.01%	0.02%	0.02%	0.02%	0.01%
A	270	0.00%	0.01%	0.01%	0.01%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.05%	0.00%	0.00%	0.00%	0.00%	0.01%
C	271	0.01%	0.02%	0.01%	0.03%	0.01%	0.00%	0.00%	0.02%	0.00%	0.00%	0.00%	0.02%	0.00%	0.00%	0.01%	0.00%	0.00%	0.02%	0.00%	0.04%	0.01%
A	272	0.00%	0.00%	0.01%	0.01%	0.00%	0.02%	0.00%	0.01%	0.00%	0.01%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.01%
C	273	0.70%	0.40%	0.01%	0.07%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.02%	0.00%	0.00%	0.03%	0.00%	0.00%	0.06%	0.05%	0.04%	0.02%
A	274	0.19%	0.19%	0.01%	0.05%	0.00%	0.00%	0.00%	0.00%	0.00%	0.02%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.01%
G	275	0.00%	0.00%	0.00%	0.00%	0.00%	0.02%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.01%
A	276	0.01%	0.00%	0.00%	0.01%	0.00%	0.00%	0.02%	0.00%	0.00%	0.03%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.02%	0.00%	0.00%	0.01%	0.00%
C	277	0.58%	0.57%	0.00%	0.33%	0.00%	0.00%	0.02%	0.06%	0.00%	0.00%	0.00%	0.00%	0.02%	0.01%	0.00%	0.00%	0.02%	0.01%	0.00%	0.02%	0.00%
A	278	0.01%	0.04%	0.02%	0.05%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
T	279	0.08%	0.08%	0.01%	0.07%	0.00%	0.00%	0.00%	0.18%	0.00%	0.01%	0.05%	0.00%	0.01%	0.01%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%
C	280	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.02%	0.00%	0.00%
A	281	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%
T	282	0.00%	0.00%	0.00%	0.02%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.08%	0.00%	0.61%	0.01%	0.01%	0.01%	0.01%	0.00%	0.01%	0.00%	0.00%
A	283	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.02%
A	284	0.24%	0.30%	0.53%	0.38%	0.60%	0.69%	0.23%	0.16%	0.50%	0.41%	0.26%	0.44%	0.27%	0.32%	0.22%	0.55%	0.41%	0.14%	0.65%	0.37%	0.02%
T	293	0.01%	0.02%	0.01%	0.01%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.01%
C	295	0.01%	0.01%	0.01%	0.02%	0.01%	0.03%	0.10%	0.01%	0.00%	0.00%	0.01%	0.02%	0.00%	0.00%	0.02%	0.01%	0.02%	0.00%	0.07%	0.00%	0.00%
C	296	0.02%	0.02%	0.03%	0.12%	0.00%	0.21%	0.15%	0.01%	0.04%	0.01%	0.01%	0.03%	0.01%	0.01%	0.02%	0.07%	0.04%	0.14%	0.10%	0.00%	0.00%
A	297	0.02%	0.03%	0.02%	0.00%	0.01%	0.05%	0.01%	0.02%	0.05%	0.00%	0.01%	0.03%	0.01%	0.01%	0.05%	0.07%	0.02%	0.01%	0.02%	0.01%	0.00%
C	298	0.00%	0.01%	0.03%	0.00%	0.00%	0.02%	0.00%	0.00%	0.02%	0.01%	0.00%	0.01%	0.00%	0.01%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%
A	300	0.00%	0.03%	0.04%	0.01%	0.02%	0.02%	0.02%	0.00%	0.02%	0.01%	0.00%	0.01%	0.01%	0.02%	0.01%	0.04%	0.00%	0.01%	0.01%	0.02%	0.05%
A	301	0.00%	0.00%	0.03%	0.01%	0.00%	0.03%	0.00%	0.00%	0.01%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%
C	317	0.00%	0.00%	0.02%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%
T	318	0.01%	0.00%	0.01%	0.00%	0.00%	0.00%	0.01%	0.00%	0.01%	0.00%	0.01%	0.03%	0.00%	0.00%	0.01%	0.01%	0.02%	0.00%	0.00%	0.02%	0.00%
T	319	0.03%	0.02%	0.03%	0.01%	0.01%	0.03%	0.01%	0.02%	0.02%	0.03%	0.02%	0.01%	0.05%	0.00%	0.01%	0.02%	0.00%	0.01%	0.02%	0.02%	0.34%
C	320	0.01%	0.00%	0.00%	0.00%	0.01%	0.02%	0.01%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.02%	0.00%	0.02%	0.01%	0.00%
T	321	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.01%	0.00%	0.02%	0.00%	0.01%	0.00%	0.01%	0.02%	0.00%	0.00%	0.00%	0.01%
G	322	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.01%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.01%
G	323	0.02%	0.02%	0.02%	0.00%	0.01%	0.02%	0.00%	0.00%	0.02%	0.00%	0.01%	0.03%	0.03%	0.00%	0.01%	0.04%	0.00%	0.00%	0.01%	0.01%	0.22%
C	324	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.01%	0.00%	0.00%	0.01%	0.01%
C	325	0.00%	0.01%	0.06%	0.05%	0.01%	0.02%	0.01%	0.00%	0.02%	0.01%	0.02%	0.03%	0.00%	0.03%	0.03%	0.00%	0.07%	0.01%	0.00%	0.02%	0.03%
A	326	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.01%
C	327	0.01%	0.01%	0.01%	0.02%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.04%	0.01%	0.00%	0.00%	0.00%	0.01%
A	328	0.02%	0.00%	0.00%	0.07%	0.01%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.01%	0.01%	0.00%	0.00%	0.03%	0.00%
G	329	0.00%	0.00%	0.03%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.03%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%
C	330	0.02%	0.00%	0.02%	0.00%	0.00%	0.02%	0.02%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.02%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.02%
A	331	0.02%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%
C	332	0.00%	0.00%	0.01%	0.00%	0.01%	0.00%	0.01%	0.00%	0.00%	0.01%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.01%	0.00%	0.02%	0.00%
T	333	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%
T	334	0.00%	0.01%	0.00%	0.00%	0.00%	0.02%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.02%	0.00%	0.00%	0.01%	0.02%	0.02%
A	335	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
A	336	0.01%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%
A	337	0.01%	0.01%	0.02%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%
C	338	0.00%	0.00%	0.00%	0.00%	0.00%	0.02%	0.01%	0.01%	0.00%	0.02%	0.01%	0.02%	0.01%	0.02%	0.00%	0.02%	0.00%	0.00%	0.00%	0.00%	0.00%
A	339	0.00%	0.00%	0.01%	0.00%	0.01%	0.00%	0.00%	0.01%	0.00%	0.01%	0.00%	0.00%	0.02%	0.01%	0.01%	0.00%	0.01%	0.00%	0.00%	0.00%	0.01%
C	340	0.03%	0.00%	0.06%	0.00%	0.00%	0.00%	0.00%	0.02%	0.00%	0.00%	0.01%	0.00%	0.02%	0.00%	0.02%	0.04%	0.00%	0.01%	0.00%	0.00%	0.03%
A	341	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.05%	0.01%	0.00%	0.00%
T	342	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
C	343	0.00%	0.00%	0.01%	0.01%	0.01%	0.02%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%
T	344	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
C	345	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.01%
T	346	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.01%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.01%	0.01%	0.01%
G	347	0.00%	0.00%	0.00%	0.00%	0.06%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.02%	0.01%	0.01%	0.01%	0.00%	0.00%	0.01%	0.00%
C	348	0.01%	0.00%	0.02%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.02%	0.01%	0.00%	0.00%	0.00%	0.00%	0.02%	0.00%	0.00%	0.00%	0.00%
C	349	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.05%	0.01%	0.00%	0.01%	0.05%	0.00%	0.02%	0.00%	0.02%	0.00%	0.01%	0.00%	0.01%	0.06%
A	350	0.00%	0.00%	0.01%	0.00%	0.01%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.01%
A	351	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
A	363	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.01%	0.00%	0.02%	0.00%	0.00%	0.00%	0.00%
A	364	0.00%	0.00%	0.01%	0.01%	0.00%	0.00%	0.00%	0.01%	0.00%	0.01%	0.00%	0.00%	0.01%	0.00%	0.01%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%
A	365	0.11%	0.11%	0.11%	0.16%	0.13%	0.09%	0.14%	0.06%	0.12%	0.11%	0.19%	0.12%	0.08%	0.10%	0.12%	0.19%	0.16%	0.18%	0.10%	0.13%	0.25%
G	366	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.01%
A	367	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
A	368	0.01%	0.01%	0.01%	0.02%	0.00%	0.02%	0.00%	0.01%	0.02%	0.01%	0.00%	0.01%	0.01%	0.01%	0.01%	0.04%	0.01%	0.01%	0.01%	0.05%	0.02%
C	369	0.03%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.02%	0.00%	0.01%	0.01%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%
C	370	0.00%	0.02%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%
C	371	0.02%	0.01%	0.01%	0.02%	0.04%	0.00%	0.01%	0.00%	0.03%	0.04%	0.00%	0.03%	0.04%	0.00%	0.01%	0.00%	0.03%	0.01%	0.01%	0.00%	0.00%
T	372	0.01%	0.00%	0.02%	0.02%	0.02%	0.00%	0.04%	0.02%	0.03%	0.01%	0.01%	0.03%	0.01%	0.00%	0.02%	0.00%	0.02%	0.02%	0.00%	0.00%	0.00%
A	373	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.01%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%
A	374	0.01%	0.01%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.01%	0.01%	0.00%	0.00%	0.01%	0.00%	0.00%	0.02%	0.04%	0.01%	0.00%	0.00%	0.02%
C	375	0.00%	0.00%	0.01%	0.01%	0.02%	0.02%	0.00%	0.02%	0.00%	0.01%	0.01%	0.00%	0.00%	0.00%	0.02%	0.04%	0.05%	0.01%	0.01%	0.02%	0.00%
A	376	0.00%	0.00%	0.00%	0.01%	0.00%	0.03%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.01%	0.01%	0.00%	0.00%	0.00%
C	377	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.01%
C	378	0.01%	0.00%	0.02%	0.03%	0.02%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.01%	0.01%	0.01%	0.02%	0.04%	0.00%	0.00%	0.00%	0.03%	0.00%
A	379	0.00%	0.00%	0.00%	0.01%	0.01%	0.02%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.03%	0.04%	0.01%	0.01%	0.00%	0.00%	0.01%
G	380	0.01%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%
C	381	0.01%	0.00%	0.00%	0.00%	0.00%	0.03%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.01%	0.00%	0.01%	0.00%
C	382	0.00%	0.07%	0.04%	0.03%	0.07%	0.02%	0.02%	0.00%	0.04%	0.00%	0.01%	0.06%	0.02%	0.02%	0.01%	0.02%	0.05%	0.06%	0.01%	0.02%	0.02%
T	383	0.02%	0.03%	0.02%	0.00%	0.00%	0.00%	0.02%	0.01%	0.01%	0.00%	0.01%	0.00%	0.00%	0.00%	0.02%	0.01%	0.01%	0.02%	0.00%	0.00%	0.00%
A	384	0.02%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%
A	385	0.16%	0.06%	0.00%	0.05%	0.01%	0.02%	0.01%	0.02%	0.08%	0.01%	0.00%	0.02%	0.00%	0.01%	0.01%	0.00%	0.02%	0.01%	0.04%	0.01%	0.00%
C	386	0.02%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%
C	387	0.02%	0.00%	0.01%	0.00%	0.01%	0.00%	0.00%	0.01%	0.00%	0.00%	0.02%	0.00%	0.01%	0.01%	0.02%	0.01%	0.00%	0.01%	0.00%	0.01%	0.01%
A	388	0.02%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.01%	0.01%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%
G	389	0.01%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.02%	0.00%	0.00%	0.01%	0.01%	0.01%	0.00%	0.00%	0.00%	0.02%
A	390	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
T	391	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%
T	392	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
T	393	0.11%	0.08%	0.10%	0.05%	0.12%	0.12%	0.10%	0.14%	0.14%	0.14%	0.14%	0.12%	0.05%	0.14%	0.08%	0.09%	0.12%	0.07%	0.11%	0.08%	0.05%
C	394	0.00%	0.00%	0.01%	0.00%	0.01%	0.00%	0.00%	0.02%	0.02%	0.00%	0.01%	0.03%	0.00%	0.02%	0.00%	0.00%	0.00%	0.01%	0.00%	0.01%	0.00%
A	395	0.05%	0.01%	0.02%	0.02%	0.00%	0.00%	0.01%	0.02%	0.03%	0.00%	0.01%	0.00%	0.00%	0.00%	0.01%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%
A	396	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.02%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
T	403	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.01%
G	410	0.02%	0.03%	0.05%	0.03%	0.04%	0.06%	0.02%	0.02%	0.05%	0.03%	0.02%	0.05%	0.02%	0.03%	0.03%	0.01%	0.07%	0.05%	0.02%	0.06%	0.10%
C	411	0.53%	0.53%	0.06%	0.15%	0.06%	0.08%	0.04%	0.05%	0.36%	0.03%	0.08%	0.01%	0.01%	0.03%	0.13%	0.02%	0.07%	0.06%	0.09%	0.06%	0.02%
G	412	0.01%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.02%	0.02%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
G	413	0.00%	0.06%	0.01%	0.01%	0.02%	0.02%	0.03%	0.01%	0.03%	0.00%	0.02%	0.03%	0.03%	0.01%	0.00%	0.00%	0.01%	0.00%	0.01%	0.03%	0.05%
T	414	0.48%	0.65%	0.01%	0.09%	0.01%	0.51%	0.01%	0.16%	3.69%	0.23%	0.06%	0.18%	0.05%	0.05%	0.05%	0.05%	0.00%	0.00%	0.06%	0.03%	0.00%
A	415	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.01%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%
T	416	0.01%	0.01%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
G	417	0.01%	0.00%	0.04%	0.02%	0.00%	0.03%	0.01%	0.00%	0.01%	0.01%	0.01%	0.01%	0.02%	0.00%	0.03%	0.01%	0.02%	0.00%	0.01%	0.00%	0.00%
C	418	0.00%	0.00%	0.03%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.04%	0.01%	0.00%	0.00%	0.01%	0.00%
A	419	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.02%	0.00%	0.00%	0.00%	0.00%	0.01%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%
A	426	0.01%	0.00%	0.01%	0.00%	0.01%	0.03%	0.01%	0.00%	0.00%	0.00%	0.00%	0.02%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.05%	0.01%
C	427	0.00%	0.00%	0.02%	0.03%	0.04%	0.03%	0.01%	0.00%	0.02%	0.00%	0.01%	0.03%	0.03%	0.13%	0.00%	0.01%	0.02%	0.00%	0.02%	0.01%	0.05%
A	428	0.00%	0.01%	0.03%	0.01%	0.01%	0.00%	0.01%	0.00%	0.02%	0.01%	0.02%	0.01%	0.01%	0.02%	0.00%	0.04%	0.04%	0.01%	0.00%	0.01%	0.01%
G	429	0.01%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.02%	0.01%	0.01%	0.00%	0.00%	0.01%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.01%
T	430	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.01%	0.00%	0.01%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.02%	0.00%	0.00%	0.00%	0.01%
C	431	0.01%	0.00%	0.10%	0.00%	0.00%	0.00%	0.01%	0.01%	0.02%	0.00%	0.00%	0.00%	0.00%	0.02%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%

		BRCA2 (genomic 1)		*BRCA2* (genomic 2)		*BRCA2* (clonal)	
position Chr13	seq	coverage		coverage		coverage	
32907125	T	53488	0.0000%	6906	0.0000%	12264	0.0245%
32907126	C	53489	0.0019%	6906	0.0145%	12264	0.0082%
32907127	T	53491	0.0150%	6906	0.0000%	12264	0.0163%
32907128	A	53491	0.0000%	6906	0.0000%	12264	0.0000%
32907129	T	53492	0.0019%	6906	0.0290%	12264	0.0082%
32907130	A	53495	0.0019%	6906	0.0000%	12264	0.0000%
32907131	T	53499	0.0019%	6906	0.0000%	12264	0.0082%
32907132	T	53500	0.0075%	6906	0.1448%	12264	0.1223%
32907133	C	53501	0.0075%	6906	0.0000%	12264	0.0163%
32907134	A	53503	0.0224%	6906	0.0145%	12264	0.0326%
32907135	G	53561	0.0000%	6906	0.0145%	12264	0.0082%
32907136	A	53575	0.0019%	6906	0.0145%	12264	0.0000%
32907137	A	53584	0.0093%	6906	0.0290%	12264	0.0000%
32907138	T	53584	0.0037%	6906	0.0000%	12264	0.0000%
32907139	A	53585	0.0000%	6906	0.0000%	12264	0.0000%
32907140	A	53586	0.0056%	6906	0.0000%	12264	0.0000%
32907141	G	53586	0.0019%	6906	0.0145%	12264	0.0000%
32907142	A	53587	0.0019%	6906	0.0145%	12264	0.0000%
32907143	G	53588	0.0000%	6906	0.0145%	12264	0.0163%
32907144	A	53588	0.0037%	6906	0.0000%	12264	0.0082%
32907145	A	53589	0.0000%	6906	0.0000%	12264	0.0000%
32907146	T	53589	0.0000%	6906	0.0000%	12264	0.0000%
32907147	C	53590	0.0000%	6906	0.0145%	12264	0.0000%
32907148	A	53591	0.0000%	6906	0.0000%	12264	0.0000%
32907149	C	53592	0.0000%	6906	0.0000%	12264	0.0000%
32907150	C	53592	0.0019%	6906	0.0000%	12264	0.0245%
32907151	T	53592	0.0000%	6906	0.0434%	12264	0.0163%
32907152	A	53592	0.0000%	6906	0.0000%	12264	0.0000%
32907153	A	53592	0.0000%	6906	0.0000%	12264	0.0000%
32907154	A	53592	0.0019%	6906	0.0579%	12264	0.0245%
32907155	G	53592	0.0000%	6906	0.0290%	12264	0.0245%
32907156	A	53592	0.0000%	6906	0.0000%	12264	0.0082%
32907157	G	53592	0.0000%	6906	0.0000%	12264	0.0000%
32907158	A	53592	0.0000%	6906	0.0145%	12264	0.0000%
32907159	C	53592	0.0019%	6906	0.0290%	12264	0.0408%
32907160	T	53592	0.0000%	6906	0.0145%	12264	0.0000%
32907161	T	53592	0.0000%	6906	0.0000%	12264	0.0000%
32907162	T	53592	0.0056%	6906	0.1014%	12264	0.0897%
32907163	C	53592	0.0000%	6906	0.0000%	12264	0.0000%
32907164	A	53592	0.0000%	6906	0.0000%	12264	0.0163%
32907165	A	53592	0.0075%	6906	0.0000%	12264	0.0000%
32907166	T	53592	0.0000%	6906	0.0000%	12264	0.0000%
32907167	G	53592	0.0037%	6906	0.0145%	12264	0.0082%
32907168	C	53592	0.0000%	6906	0.0000%	12264	0.0000%
32907169	A	53592	0.0000%	6906	0.0000%	12264	0.0000%
32907170	A	53592	0.0243%	6906	0.0000%	12264	0.0163%
32907178	A	53592	0.0037%	6906	0.0434%	12264	0.0245%
32907179	G	53592	0.0000%	6906	0.0000%	12264	0.0082%
32907180	G	53592	0.0019%	6906	0.0290%	12264	0.0000%
32907181	T	53592	0.0075%	6906	0.0145%	12264	0.0815%
32907182	C	53592	0.0000%	6906	0.0000%	12264	0.0245%
32907183	A	53592	0.0000%	6906	0.0000%	12264	0.0000%
32907184	T	53592	0.0093%	6906	0.0145%	12264	0.0000%
32907185	A	53592	0.0131%	6906	0.0000%	12264	0.0082%
32907186	T	53592	0.0000%	6906	0.0000%	12264	0.0000%
32907187	G	53592	0.0000%	6906	0.0000%	12264	0.0000%
32907188	A	53592	0.0485%	6906	0.0145%	12264	0.0082%
32907189	C	53592	0.0000%	6906	0.0579%	12264	0.1060%
32907190	T	53592	0.0000%	6906	0.0000%	12264	0.0000%
32907191	G	53592	0.0019%	6906	0.0000%	12264	0.0000%
32907192	A	53592	0.0000%	6906	0.0000%	12264	0.0000%
32907193	T	53592	0.0000%	6906	0.0000%	12264	0.0000%
32907194	C	53592	0.0019%	6906	0.0145%	12264	0.0163%
32907195	C	53592	0.0056%	6906	0.0000%	12264	0.0082%
32907196	A	53592	0.0019%	6906	0.0000%	12264	0.0000%
32907197	A	53592	0.0000%	6906	0.0000%	12264	0.0000%
32907198	A	53592	0.0299%	6906	0.0145%	12264	0.0082%
32907199	C	53592	0.0037%	6906	0.0145%	12264	0.0082%
32907200	T	53592	0.0019%	6906	0.0000%	12264	0.0000%
32907201	T	53592	0.0000%	6906	0.0000%	12264	0.0000%
32907210	A	53592	0.0000%	6906	0.0145%	12264	0.0000%
32907211	A	53592	0.0000%	6906	0.0000%	12264	0.0000%
32907212	A	53592	0.0205%	6906	0.0000%	12264	0.0408%
32907213	C	53592	0.0000%	6906	0.0000%	12264	0.0163%
32907214	T	53592	0.0000%	6906	0.0000%	12264	0.0082%
32907215	G	53592	0.0000%	6906	0.0000%	12264	0.0245%
32907216	A	53592	0.0075%	6906	0.0000%	12264	0.0082%
32907217	A	53592	0.0056%	6906	0.0290%	12264	0.0163%
32907218	G	53592	0.0000%	6906	0.0000%	12264	0.0000%
32907219	C	53592	0.0019%	6906	0.0000%	12264	0.0082%
32907220	C	53592	0.0149%	6906	0.0145%	12264	0.0163%
32907221	T	53592	0.0019%	6906	0.0145%	12264	0.0082%
32907222	C	53592	0.0000%	6906	0.0000%	12264	0.0000%
32907223	T	53592	0.0112%	6906	0.0579%	12264	0.0000%
32907224	G	53592	0.0000%	6906	0.0000%	12264	0.0000%
32907225	A	53592	0.0000%	6906	0.0000%	12264	0.0082%
32907226	A	53592	0.0056%	6906	0.0000%	12264	0.0000%
32907227	A	53592	0.0131%	6906	0.0145%	12264	0.0245%
32907228	G	53592	0.0075%	6906	0.0145%	12264	0.0082%
32907229	T	53592	0.0000%	6906	0.0434%	12264	0.0163%
32907230	G	53592	0.0000%	6906	0.0000%	12264	0.0082%
32907231	G	53592	0.0037%	6906	0.0145%	12264	0.0082%
32907232	A	53592	0.0000%	6906	0.0145%	12264	0.0000%
32907233	C	53592	0.0000%	6906	0.0000%	12264	0.0000%
32907234	T	53592	0.0019%	6906	0.0145%	12264	0.0000%
32907235	G	53592	0.0019%	6906	0.0000%	12264	0.0000%
32907236	G	53592	0.0056%	6906	0.0145%	12264	0.0000%
32907237	A	53592	0.0019%	6906	0.0145%	12264	0.0000%
32907238	A	53592	0.0000%	6906	0.0000%	12264	0.0000%
32907239	A	53592	0.0019%	6906	0.0290%	12264	0.0489%
32907240	T	53592	0.0000%	6906	0.0000%	12264	0.0000%
32907241	A	53592	0.0000%	6906	0.0000%	12264	0.0000%
32907242	C	53592	0.0056%	6906	0.0290%	12264	0.0163%
32907243	A	53592	0.0000%	6906	0.0000%	12264	0.0000%
32907244	T	53592	0.0056%	6906	0.0000%	12264	0.0000%
32907245	A	53592	0.0000%	6906	0.0000%	12264	0.0000%
32907246	C	53592	0.0000%	6906	0.0000%	12264	0.0000%
32907247	T	53592	0.0000%	6906	0.0000%	12264	0.0000%
32907248	G	53592	0.0000%	6906	0.0145%	12264	0.0245%
32907249	T	53591	0.0000%	6906	0.0000%	12264	0.0000%
32907250	T	53591	0.0000%	6906	0.0000%	12264	0.0000%
32907251	T	53590	0.0019%	6906	0.1014%	12264	0.0734%
32907252	G	53590	0.0056%	6906	0.0290%	12264	0.0245%
32907253	C	53590	0.0019%	6906	0.0145%	12264	0.0000%
32907254	T	53590	0.0037%	6906	0.0000%	12264	0.0082%
32907255	C	53590	0.0000%	6906	0.0000%	12264	0.0000%
32907256	A	53588	0.0000%	6906	0.0145%	12264	0.0082%
32907257	C	53584	0.0112%	6906	0.0000%	12264	0.0000%
32907258	A	53572	0.0037%	6906	0.0000%	12264	0.0163%
32907259	G	53545	0.0000%	6906	0.0000%	12264	0.0000%
32907260	A	53542	0.0019%	6906	0.0290%	12264	0.0000%
32907261	A	53542	0.0131%	6906	0.0145%	12264	0.0245%
32907262	G	53541	0.0000%	6906	0.0145%	12264	0.0000%
32907263	G	53541	0.0019%	6906	0.0145%	12264	0.0163%
32907264	A	53538	0.0112%	6906	0.0434%	12264	0.0163%
32907265	G	53537	0.0019%	6906	0.0145%	12264	0.0163%
32907266	G	53537	0.0262%	6906	0.1158%	12264	0.0734%
32907267	A	53537	0.0037%	6906	0.0000%	12264	0.0082%
32907268	C	53537	0.0448%	6906	0.0145%	12264	0.0163%
32907269	T	53536	0.0318%	6906	0.0145%	12264	0.0000%
32907270	C	53535	0.0411%	6906	0.0000%	12264	0.0082%
32907271	C	53535	0.2821%	6906	0.1014%	12263	0.0815%
32907272	T	53535	0.1476%	6906	0.0000%	12263	0.0163%
32907273	T	53535	0.1662%	6906	0.1158%	12263	0.0652%
32907274	A	53535	0.0411%	6906	0.0000%	12263	0.0245%
32907275	T	53534	0.0747%	6906	0.0000%	12263	0.0163%