ACE - High Fertility Variants					
CHROM	POS	REF	ALT	Samples	
11	15807367	C	T	9	47 Intron_Variants
11	15807403	A	G	1d	
11	15807421	C	T	11	
11	15807433	A	T	11	
11	15807437	A	C	26	
11	15807475	G	C	50	
11	15807484	A	C	26	
11	15807485	C	T	26	
11	15807504	T	A	50	
11	15807510	T	G	50	
11	15807523	C	G	50	
11	15807526	C	T	50	
11	15807540	A	G	50	
11	15807571	T	C	50	
11	15807584	G	T	50	
11		G	A	11	
11	15807615	G	T	50	
11	15807643	C	T	50	
11	15807644	T	G	50	
11	15807693	G	A	50	
11	15807759	C	G	4	
11	15807760	C	G	1d	
11	15807768	C	T	1d,26	
11	15807781	C	T	4,11	
11	15807797	G	C	50	
11	15807830	G	T	4,11	
11	15807838	A	G	26	
11	15807845	G	A	1d,26	
11	15807850	G	C	4,26,11	
11	15807864	C	T	50	
11	15807872	A	C	4	
11	15807886	G	C	26	
11	15807887	A	C	26	
11	15807893	A	T	26	
11	15807911	A	G	4	
11	15807915	G	T	26	
11	15807916	T	A	1d	
11	15807917	T	C	1d	
11	15807918	G	A	1d	
11	15807919	T	A	4,11	
11	15807920	T	A	1d	
11	15807932	A	C	4,11	
11	15807949	T	G	26	
11	15807960	T	C	4	
11	15807960	T	G	50	
11	15807978	C	A	4,11	
11	15807990	C	T	9	

ACE - Low and Medium Fertility Variants					
CHROM	POS	REF	ALT	Samples	
11	15807367	C	T	13	38 Intron_Variants
11	15807403	A	G	7	
11	15807407	C	T	6	
11	15807408	T	G	6	
11	15807426	C	T	13	
11	15807453	C	G	16	
11	15807473	T	G	16	
11	15807747	C	T	12	
11	15807760	C	G	M,12,7	
11	15807768	C	T	16,M,29,8	
11	15807811	G	A	M,12	
11	15807830	G	T	M,12	
11	15807838	A	G	12	
11	15807845	G	A	16,M,8	
11	15807850	G	C	M,8,6	
11	15807855	A	C	3d	
11	15807871	A	T	13	
11	15807872	A	C	3d	
11	15807872	A	T	13	
11	15807878	G	T	13	
11	15807893	A	C	3d,7	
11	15807911	A	G	12	
11	15807913	T	A	13	
11	15807919	T	A	10,M,3d,12	
11	15807921	C	A	16	
11	15807923	A	C	3d	
11	15807924	T	G	3d	
11	15807930	T	G	M,12	
11	15807932	A	C	12	
11	15807933	G	T	3d	
11	15807935	T	C	M	
11	15807938	G	T	M	
11	15807962	G	A	13	
11	15807962	G	T	M	
11	15807967	C	A	13	
11	15807968	T	C	M	
11	15807978	C	A	10,16	
11	15807995	T	A	10	

SPATA1 - High Fertility Variants

CHROM	POS	REF	ALT	Samples	
5	76147399	A	T	26J	6 Intron_Variants
5	76147475	C	T	30J,52	
5	76147486	T	A	26J	
5	76147495	T	G	26J	
5	76147551	C	T	30J,50.2	
5	76147569	C	G	26J,52	
5	76147716	T	G	26J	Missense_Variant
5	76147764	A	G	26J	4 Intron_Variants
5	76147766	T	A	52	
5	76147784	G	C	26J	
5	76147853	C	G	52	

SPATA1 - Low and Medium Fertility Variants

CHROM	POS	REF	ALT	Samples		
5	76147399	A	T	24J	25 Intron_Variants	
5	76147459	A	T	25.1		
5	76147466	A	T	25.1		
5	76147475	C	T	49,28,14J,24J,10		
5	76147486	T	G	33		
5	76147487	A	G	33		
5	76147488	A	G	33		
5	76147496	C	G	28		
5	76147497	G	A	8J		
5	76147517	T	G	28		
5	76147530	C	A	28		
5	76147535	T	G	28		
5	76147545	T	C	28,107,10		
5	76147551	C	T	49,28,107,14J,8J,25.1,24J,27J,10		
5	76147560	T	G	24J,27J		
5	76147561	A	G	24J		
5	76147562	T	G	24J,27J		
5	76147575	C	T	28		
5	76147603	T	G	24J,27J		
5	76147609	T	G	27J		
5	76147610	C	G	28,24J,27J		
5	76147611	T	A	28		
5	76147611	T	G	24J		
5	76147612	A	G	27J		
5	76147614	A	G	24J		
5	76147624	T	C	107	4 Missense_Variant	Splice_Region_Variant
5	76147632	C	T	28		
5	76147635	C	G	28		
5	76147648	T	G	28		
5	76147658	T	C	107	Synonymous_Variant	
5	76147660	C	G	28	Missense_Variant	
5	76147663	A	G	28	2 Synonymous_Variants	
5	76147664	T	C	27J		
5	76147665	G	A	107	Missense_Variant	
5	76147665	G	T	27J	Stop_Gained	
5	76147666	A	G	28	12 Missense_Variants	
5	76147668	C	T	8J		
5	76147669	C	T	28,8J		
5	76147676	T	G	28		
5	76147695	T	G	28		
5	76147707	T	C	107		
5	76147708	G	C	107		
5	76147709	G	C	107		
5	76147713	T	G	24J		
5	76147714	C	G	28		
5	76147715	T	G	14J,24J		
5	76147716	T	G	14J,24J		
5	76147718	T	G	28,24J	Synonymous_Variant	
5	76147723	T	G	14J	2 Missense_Variants	
5	76147726	C	A	107		
5	76147744	T	A	107	6 Intron_Variants	Splice_Region_Variant, Splice_Polypyrimidine_Tract_Variant
5	76147748	T	G	107		Splice_Polypyrimidine_Tract_Variant
5	76147755	C	G	107		
5	76147801	A	T	25.1		
5	76147803	T	G	25.1		
5	76147854	A	G	28,24J,27J		