

All types of SNP	SNP		Genes
	N	%	N
Intergenic	4513004	48.68	-
Regulatory regions	776080	8.37	17352
Intronic	3873604	41.78	14087
Coding - Synonymous	65276	0.70	11905
Coding - Non Synonymous	43410	0.47	10676

Coding SNP	SNP		Genes
	N	%	N
Synonymous	65276	59.45	11905
Missense	27711	25.24	8214
Initiator or stop codon	495	0.45	461
Splicing site	16286	14.83	7155
Mature mi-RNA	34	0.03	30

Figure S1 Annotation of the 9.4 million SNPs identified in the two lines using whole-genome re-sequencing.