

**ESM Table S1. Genotype Quality Control**

<b>SNPs</b>	<b>Removed (n)</b>	<b>Remaining (n)</b>
		<b>196,725</b>
Missingness > 2%	30963	165,762
Minor allele frequency < 1%; monomorphics	72211	93,551
HWE (P<10E-7)	66	93,485
Heterozygosity > 53%	0	93,485
SNPs in Chr > 22	250	93,235
<b>SNPs</b>		<b>93,235</b>