

**Supplemental Table 1. Genotype frequencies of *GSTA4* tag SNPs among NMSC cases and control subjects.**

SNP ID	Position on Chr6	Structural Location within or near <i>Gsta4</i>	Genotype	Frequency	
				Controls	NMSC Cases
rs7773621	52971659	near 5' end of gene	A/A	0.533	0.536
			A/G	0.380	0.369
			G/G	0.087	0.095
rs182623	52969817	near 5' end of gene	A/A	0.514	0.513
			A/T	0.399	0.392
			T/T	0.087	0.094
rs16883343	52968334	near 5' end of gene	C/C	0.555	0.561
			C/T	0.357	0.388
			T/T	0.089	0.051
rs2274760	52958114	intron 4	C/C	0.011	0.029
			C/G	0.192	0.202
			G/G	0.797	0.769
rs669674	52957999	intron 4	A/A	0.011	0.015
			A/G	0.126	0.183
			G/G	0.863	0.803
rs17614871	52951717	intron 6	A/A	0.072	0.071
			A/T	0.293	0.302
			T/T	0.635	0.627
rs3734431	52951388	intron 6	A/A	0.829	0.835
			A/G	0.162	0.160
			G/G	0.009	0.005
rs367836	52951090	3' UTR	A/A	0.370	0.354
			A/C	0.458	0.449
			C/C	0.172	0.197
rs17614751	52950808	3' UTR	A/A	0.002	0.002
			A/G	0.142	0.110
			G/G	0.856	0.888
rs7496	52950798	3' UTR	A/A	0.030	0.027
			A/G	0.214	0.168
			G/G	0.760	0.810
rs405729	52950740	3' UTR	A/A	0.241	0.254
			A/G	0.474	0.466
			G/G	0.285	0.281
rs378775	52949438	near 3' end of gene	C/C	0.047	0.053
			C/G	0.311	0.314
			G/G	0.642	0.633
rs17608261	52944656	near 3' end of gene	C/G	0.094	0.090
			G/G	0.906	0.910