

**Additional File 4. qPCR primers for DHSs.**

<b>Name</b>	<b>Forward sequence</b>	<b>Reverse sequence</b>
DHS-Chr1	CAGGTGGAGGGAGACAGAGA	TGGCAAGAAGGACTGTTGGT
DHS-Chr6	TGCTCTCTTCCACCCTCTGT	GGAGAGCCCTAGACTGGAAC
DHS-Chr10	CAGTGCCCAGACTCATCCTG	TGATGTCACATGCCTAGCCA
DHS-Chr11	TACCTGGAACCGGTTTACCC	CCTGAGCATCGACTCTCCAA
DHS-Chr12	GGTTGGAGTTGGAATCCGCA	AGCAAAGAAGGCACAGCTATG
DHS-Chr16	GCATGCCTCGTACCTGTGTA	GCAGGTAGGCGCTCTTACAG