

**Table S4 Primers used to amplify single nucleotide polymorphisms on chromosomes 3 and 8.**

SNP name	Forward primer sequence	Reverse Primer sequence
SNP .065M	TGTA AACGACGGCCAGTAACCTTGCTTGTGGGCTA	TGTGTGCTTGAGTTTGAATG
SNP .1M	GGTATCCGAGGGTTGAGAGG	CACTACCACCAGCACTACCG
SNP .3M	AGAGGCTTACTGACGCTTCG	TAATTCGCTCAAGGCATGTG
SNP .5M	GGACAAAGGACCAGGAATGA	CTTTCGGCTTTCAGTTCGAC
SNP .8M	GGCGAAGAATAAGCGTCAAG	ACCGCAAACCTCAACCTATGG
SNP .153	GTCTACACCGGGTCTCTGGA	GAACGCAGTAATCGTGCTCA
SNP .205	CCGTCTCTGAAGAGCCTTTG	ATAACAAGCAGGGCGATGAC
SNP 2.28	TGTA AACGACGGCCAGTTTGTCCCCAGAGCTGACTT	ACGTGCCAATGGATGGTAAG