

Supplementary table 4. Primer sequences for 24 SNPs that were used for haplotyping in a 600-kb interval and its flanking region

Domestic_ID	dbSNP_ID	Primer Sequence (5' -> 3')
B41250	rs888339	GAGGCAGGATAAGTTCATTTTAT GGCTTCAAAGAGAGCATCACG
B58370	ss49784055	GTTCAACCAATAGTAACTAGTC AATGAAACTTGCAAGGCATAGT
B81540.1*	ss49784051	TAGGGTCAACATTTAAAGAGAA
B81540.2*	ss49784052	CTTGTTTCATACCTTGACAAGAGC
B158110	rs496359	CTTGTACCTGAGACCCAGGAC GAACAGCTCTGAGCCCAGTTCA
B217050	ss49784062	TAATCCATTAGCTGGGTCTGCC TAGAGGTCCTGGCGGCTGATT
B333740	ss49784065	CCAGCACAAAAATCTTCTACCA GACATGGTGCCTTTTACTGCCTG
B344400	ss49784066	GCACCTGGCCAAGCTCCTAGC GCTGGAGAGGAACGGGCATGCT
B347380	ss49784067	AAAATCATAAAGTGTATACAGGAAT CTATAGTCACAGTGCAGCATG
B404940	ss49784068	CTGATGGAAATTGCCTTGGGA AGTTTCTGAAACAGTTTCCCATC
B414730	ss49784069	TCCTGAGAGTTTGGAGACCCA CTTGCCCAAATTCTACTGCCTAC
B475340	rs6500380	AGGAACAGTATCATAGGTCAC CCATGCAGGCTCCCTGAAGCAG
B482500	ss49784070	TATGCCTGTA ACTAATTCATATTT AACAAATTTGTCAAGTAGAACAAG
B493890	ss49784071	GGAAAGACTAATCCAGAGGCCAT AAATCTTACTGTGTCTGCTTTAGC
B499900	rs12928880	TTCTCCAGATTC ACTGGGTAGG CCCACCCTTGCGCGAGCAAGA

B501360	ss49784072	AGATGCCTTAACCTTGCAAAG CTATATAACCAAACCTGGGCTTGG
B521140	ss49784073	GTTGACTCTGCTTCCTTGACAG AGTAATTTACATCACTGGTACC
B565600	rs1105407	GAACCAAAGACAAGTCGAGCAC CTCTGACTCTGGAGAACAGGGAT
B612860	rs9941289	TACCCTAATCCAGTCTGAGCCTG GCTAAGAGGCTCAGAAGCACTC
B631128	rs2062555	GGAATCCAGGACAGCCAAG TGGGCCAGTTCTTCATCTGGGA
B673603	rs3743779	AGTCCGCTTTCACTTGGTGGG TTGCCTCACCCAGTTCCTGCAG
B688180	rs3785138	AGGTGGTAATTTGTCTACTCAT AGTTTCACTGGAATTTGCAGGG
B-690190	rs3785137	ACACCTTGCTACTTATGGGAAG ACTTTCCATTGTCCCCACACTG
B708959	rs3859121	TATCTGGACATTTTAAATGTTAG AGATGCTGAGTAGTGGTGTGAAG
$\Delta 27^{\#}$		CATCAGATCATCCTTATCGATG CACAGTTCAGCACAGTGGTGA

* B81540.1 and B81540.2 was within a single PCR product.

[#] A primer set amplifies 143-bp and 116-bp products from wild-type and deletion alleles, respectively.