

**Table S1 PCR-based molecular markers designed for fine mapping**

Marker	Primer Pairs	Fragment Size (bp)	Originating BAC
P1	AGGGCCTTATATCAAGACACATGC CCACGAACACTCGCATACCC	216	AP003725
P2	GTGTTTGGCGAGGGGTCATTA CATTCTCCCATCTATTGCC	178	AP003706
P3	CAACCTCGTCTTTGAGCCCA CGCCGAAAATGAGCTCTAC	245	AP003374
P4	TTCATCCTGTCGCCAACG ATGGATGCGTGATGCGTC	152	AP003335
P5	GGAAGGCATAGAACGCAAGA CTGATGCCTATACCATGCTACTGT	122	AP003335
P6	TTCTCCTTCTCCCGTTCCT CGGCCCTGTACTTCTGATTC	152	AP003335
P7	CAACCAGTCTACAGCCACATCTC AAGGGCGTATTTTCAGCGTC	205	AP003335
P8	CACCCAGAGCAAACACTGTCAG GAACTGTACGTTTCCCCTG	261	AP004363
P9	GCCTTACAACCAACGACGACT TATGTGTCTAGCTGCACTCCCA	181	AP003450