

**Table S2** Compilation of primer sequences used for the *Rose-comb* locus.

**A. Primers used for microsatellite analysis**

Marker	Forward primer	Reverse primer	Forward primer with M13 tag
MCW0120	5'-CTATGTAAAGCTTGAATCTTCA-3'	5'-ATTCCTGGGTGCTAATTTACC-3'	5'-CACGACGTTGTAAAACGACCTATGTAAAGCTTGAATCTTCA-3'
ADL0107	5'-ATTATCCATCCACTTGAGAA-3'	5'-TATTTTTTGAACATTACCAG-3'	5'-CACGACGTTGTAAAACGACATTATCCATCCACTTGAGAA-3'

**B. Primers used for SNP analysis using a TaqMan Genotyping Assay**

Assay	Forward Primer	Reverse Primer	Reporter 1 Dye	Reporter 1 Sequence	Reporter 1 Quencher	Reporter 2 Dye	Reporter 2 Sequence	Reporter 2 Quencher
C7C19.217	5'-CCCACTTAGAGCATCACAGAAAGA-3'	5'-GTGATCGAGCACTGAAAAACAC-3'	VIC	5'-AAAGAAAGTGAGCTTGTC-3'	NFQ	FAM	5'-AAAGAAAGTGAACCTTGTC-3'	NFQ
C7C19.249	5'-CATTCCCTAGCAAGGAGAAGCT-3'	5'-TCATAGCCTGTCCCCACGAT-3'	VIC	5'-CAAATTGAGCGTTTGTAAAC-3'	NFQ	FAM	5'-CAAATTGAGCATTGTAAAC-3'	NFQ
C7C19.253	5'-TTCAGACAAAAATCAAGTCCTCAGAGAT-3'	5'-CAGTTAAAATGGTGGACAGATTTGGT-3'	VIC	5'-AACAAGCTAAGAGGTTTC-3'	NFQ	FAM	5'-ACAAGCTAAAAGGTTTC-3'	NFQ
KIAA1715	5'-GCTGGTATCAAAAGTCTATACAACATGAAT-3'	5'-ACTCCTTAAGGCAACAAAATCTGT-3'	VIC	5'-TTTTAAAGTTGGTTTATAACAG-3'	NFQ	FAM	5'-AAGTTGGTTTGTAAACAG-3'	NFQ
PTD004	5'-GGAGGTAATTTTGCCATAATTTTCTGAAGAAC-3'	5'-CGCTTTTGGTCTCATGCAATTTTCA-3'	VIC	5'-TCATGAAAGCGTAAGTGT-3'	NFQ	FAM	5'-TCATGAAAGCATAAGTGT-3'	NFQ
C7C19.442	5'-AAGCCAAAAGTGGACATAGTACTC-3'	5'-TGTGTGAGGGAGGTCATCCT-3'	VIC	5'-CTGCCCGGTGAGAT-3'	NFQ	FAM	5'-CTGCCCGGTGAGAT-3'	NFQ
C7C19.559	5'-AGCACCTTCCACTGCTTCAT-3'	5'-CAGAGCAATGCAATAATCCAAGAATCTAA-3'	VIC	5'-CTGAGACTGGAGTAT-3'	NFQ	FAM	5'-TGAGACTGGAAAT-3'	NFQ
C7C107.36	5'-ATGTATTATGCAACTCAATGTGGAGGAA-3'	5'-CAGCAGATATTTGGACTTAGCACA-3'	VIC	5'-ATGGGCCATCAAT-3'	NFQ	FAM	5'-CATGGGCCCTCAAT-3'	NFQ
C7C15.222	5'-TGTTTTCTGTTGCCCTGAATGT-3'	5'-CCAGAAGGCTAAAACGTCATCTACT-3'	VIC	5'-CGGAGCCTGGGACT-3'	NFQ	FAM	5'-CCGAGCCTAGGACT-3'	NFQ

**C. Primers used for expression analysis**

Primer name	Primer sequence
GAPDH-1F	CCCCAATGTCTCTGTTGTT
GAPDH-1R	GGAACAGAAGTGGCCTCTCA
CCDC108-ex15F	GCATGGACTTTTACCCCTGA
CCDC108-ex17R	GCCTGACTGTTACTCGCACA
CCDC108-ex1aF	AACGGGAGTGATGCTACGTG
CCDC108-ex1bF	AAGGGGAGATGTCCTTCC
CCDC108-ex7R	CTGTGCACCTTTGTGCTGTT

MNR2-ex1F	GCTGGAGAACCAGTTCAAGC
MNR2-ex2R	CATCGTCCTCCTCTTCCTCA
FKBP7-ex1F	AAGGGGGACCTGCTGAAC
FKBP7-ex3R	ATGCTTCAACACTGCGAGGT
PLEKHA3-ex4F	TTCACCACGATGAGACTTGC
PLEKHA3-ex7R	CCGGAGGAGTATCGCTGTAA
PLEKHA3-ex1aF	GGAAGGAGTCCTGTACAAGTGG
PLEKHA3-ex3R	GTGTTGTCTGTTGCATGGACTT
PLEKHA3-ex2bF	ATCCTCGAGAAAGGCACAGA
PLEKHA3-ex2R	GCCTTTGCAAACATCATCCT

#### D. Primers used for RACE analysis

Primer name	Primer sequence
PLEKHA-5RACE-1R	ATGTTCTCAATGCTGGGAGGAGAGC
PLEKHA-5RACE-2R	CTGCTAAACAGGCCTTTGCACTTC
FKBP7-5RACE-1R	TTTGGTGGAATCTTGCCCTGTGC
FKBP7-5RACE-2R	TCCGTTTTTCTCCAGGACAC
CCDC108-5RACE-1R	ACACGTTGCTATCACGTTGCACACC
CCDC108-5RACE-2R	GTGCTCAGGAGTCATGGAGAAGG
PLEKHA3-3RACE-1F	GTGCCTACTAGCACCTTGATCCAT
PLEKHA3-3RACE-2F	CAGTGCTGTCACTTGTGCTCAGTTC
FKBP7-3RACE-1F	GCAGTAAATAAGGGACCTCGCAGTG
FKBP7-3RACE-2F	AGAAGAACGACCACGATGGAGATG
CCDC108-3RACE-1F	GCAGATAGTGACGGACCTGCTGATA
CCDC108-3RACE-2F	AGCAAAGACCCAACACAGAGGACAG