

Supplementary Table 1 Primers used for mapping of *PAY1*.

Name	Forward primer (5'-3')	Reverse primer (5'-3')
RM6990	ggtgtgatcctttctgatgc	acgggtgtgatcccagatac
RM531	gaaacatcccatgttccac	tcggttttcagactcggtc
RM447	cccttgctgtctctctc	acgggcttctctccttctc
RM339	gtaatcgatgctgtgggaag	gagtcatgtgatagccgatatg
RM223	gagtgagcttgggctgaaac	gaaggcaagtcttggcactg
RM3689	gaagttgaggaacgcgtcac	gctgctctgttttctctctgc
RM23071	gtccgccgttgagtgatgacc	tctcagtcctcctctccttcc
sp2	cgtcttgaatcgaatacc	ggagagcaacacagtggagt
sp5	gaattgaattggtcggaatg	ggtcattggtgctggtttta
sp6	ttgatgaaaggagatfff	gtcaaagaacagcacaccag
sp7	cgatcatgaaagttgggatct	atttgcattgttgcactttg
sp9	agttggctagggaaatcaat	ttcacgactagaaacccta