

Supplemental Table 1. Sequencing results of CRISPR-Cas9 generated rice mutants. The wild-type sequence is shown at the top with the PAM sequence highlighted in red boxes. Red dashes and red bold letters are deleted bases and inserted bases, respectively.

Gene	Genotype	Sequence Alignment
OsRR6	Wild type	401 CGGAGAACGTC CCG AACCGGATCAGCCGGTGCCTGGAGGAGGGCGCCGAGGAC 453
	OsRR6/11#2-3-1	401 CGGAGAACGTC CCG AAC A CCGGATCAGCCGGTGCCTGGAGGAGGGCGCCGAGGAC 454
	OsRR6/11#5-1-11	401 CGGAGAACGTC CCG AA- CG GATCAGCCGGTGCCTGGAGGAGGGCGCCGAGGAC 452
OsRR11	Wild type	171 GGATAGCGGGAAGAGGGCCCTGGAAC TGCTAGG CTCGGAACCAAATGTGAGCA 223
	OsRR6/11#2-3-1	171 GGATAGCGGGAAGAGG-----GCT AGG CTCGGAACCAAATGTGAGCA 212
	OsRR6/11#5-1-11	171 GGATAGCGGGAAGAGGGCCCTGGAAC T TGCT AG CTCGGAACCAAATGTGAGCA 224
OsRR9	Wild type	5 CAGTGGCTATAGAGGCTCCGTTCCATGTCC TGG CTGTGGATGATAGCCTT 54
	OsRR9/10#9-2-4	5 CAGTGGCTATAGAGGCTCCGTTCCAT-TC TGG CTGTGGATGATAGCCTT 53
	OsRR9/10#10-3-6	5 CAGTGGCTATAGA----- TGG CTGTGGATGATAGCCTT 37
OsRR10	Wild type	5 CAGTGGCTATAGAGGCTCCGTTCCATGTCC TGG CTGTGGATGATAGCCTT 54
	OsRR9/10#9-2-4	5 CAGTGGCTATAGAGGCTCCGTTCCAT-TC TGG CTGTGGATGATAGCCTT 53
	OsRR9/10#10-3-6	5 CAGTGGCTATAGAGGCTCCGTTCCAT-TC TGG CTGTGGATGATAGCCTT 53