

Table S7: Summary of off-target site sequencing results for mutations (#1 and #3).

Off-target site	WT	Number of matching bases	#1	#3
FmPDS1/2 genotype at sgRNA4 site	GAAGGAAGGGATGTCCTGGG	20	+1	G-T
Off-target site 1 (Chr09G)	AGAGGAAGGGATGTCCTTTC	15	no change	no change
Off-target site 2 (Chr04G)	GAAGGAAGGGATGTAAAGGT	16	no change	no change
Off-target site 3 (Chr22G)	GAAGGAAGGGATGTAATTTT	15	no change	no change
Off-target site 4 (Chr15G)	CAAGGAAGGGATGTCATTAA	14	no change	no change
Off-target site 5 (Chr10G)	GAAGGAAGGGATGTGTTAAGAA	15	no change	no change

*Note: Black nucleotides are homologous between FmPDS1/2 sgRNA 4 site and the off-target site.