



Supplementary Fig. S1

Targets of *CRISPR-PagCLV3* and *CRISPR-PagWUS* lines. (a) and (d), schematic diagram shows the positions of *CRISPR-PagCLV3* (a) and *CRISPR-PagWUS* (d) targets. (b) and (e), sequences of target positions of *CRISPR-PagCLV3* (b) and *CRISPR-PagWUS* (e). (c) and (f), sequence changes surrounding the targets positions of *CRISPR-PagCLV3* (c) and *CRISPR-PagWUS* (f). Red letters represent sgRNA sequences. Black boxes denote protospacer-adjacent motif (PAM) sequences. A 2-bp and a 1-bp deletions were identified at target site 4 in Type I and Type II *CRISPR-PagCLV3-2* lines, respectively. A 3-bp and a 2-bp deletions were identified at target site 2 and target site 4 in Type I *CRISPR-PagCLV3-1-2* line, respectively. A 1-bp insertion and a 1-bp deletion were identified at target site 2 and target site 4 in Type II *CRISPR-PagCLV3-1-2* line, respectively. A 4-bp deletions were identified at target site 2 in *CRISPR-PagWUS1* line. A 3-bp deletions were identified at target site 4 in *CRISPR-PagWUS1* line. Blue dashed lines represent base deletion. Blue letter indicates inserted base.