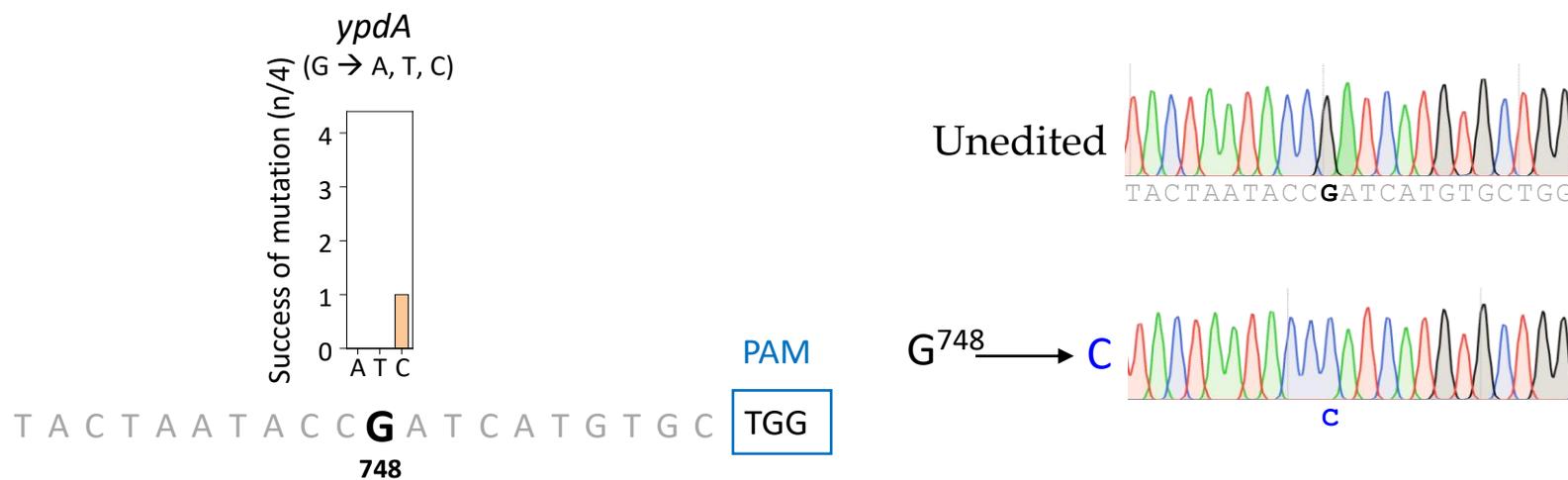
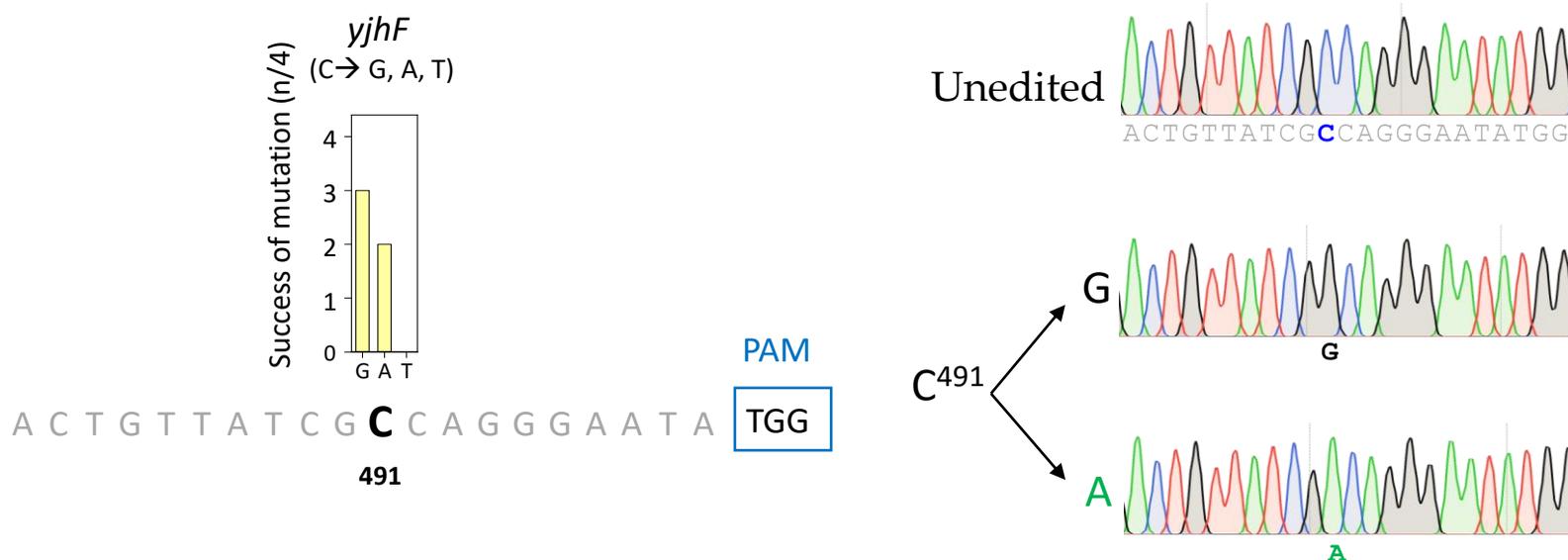


A

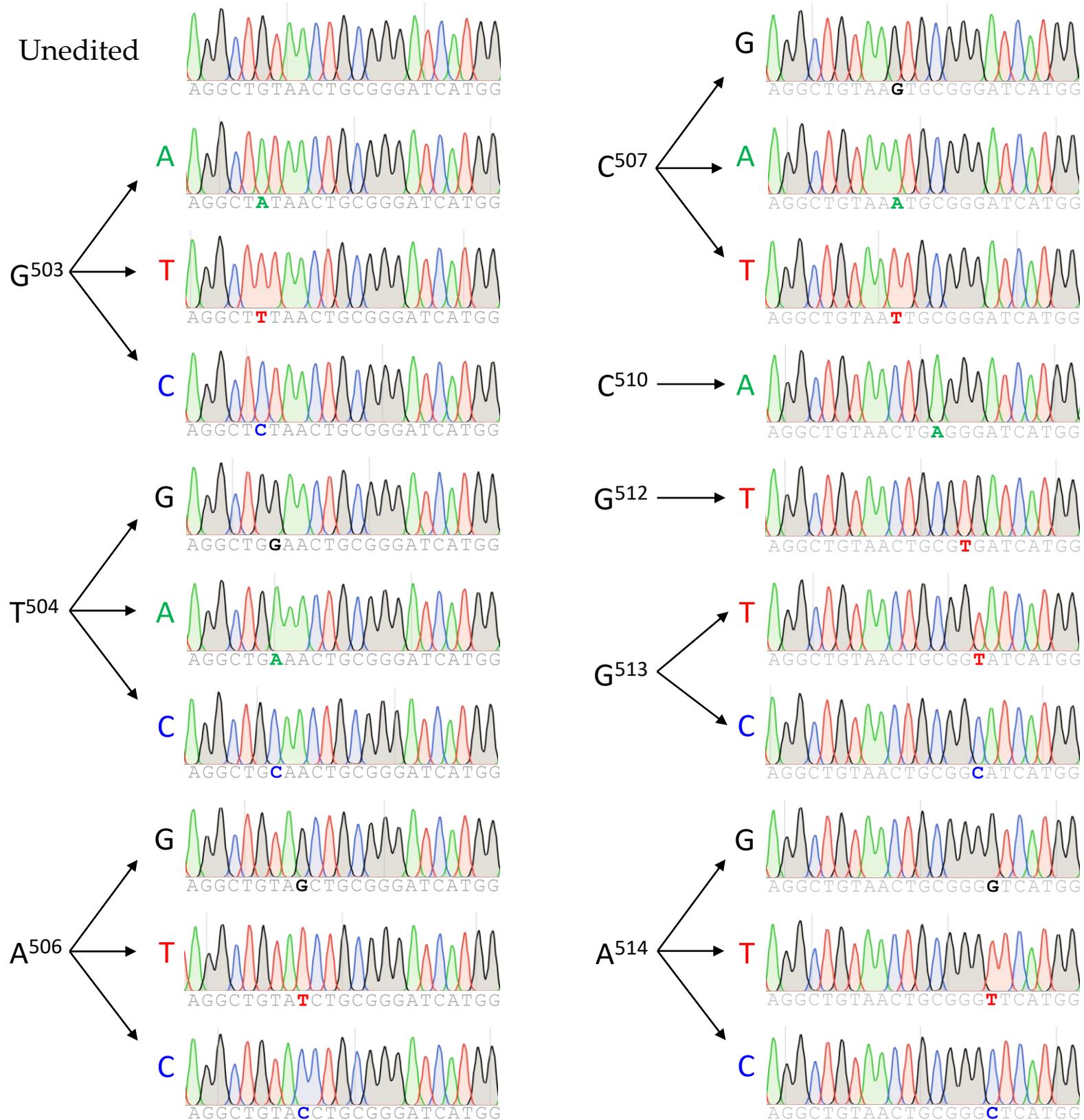


B



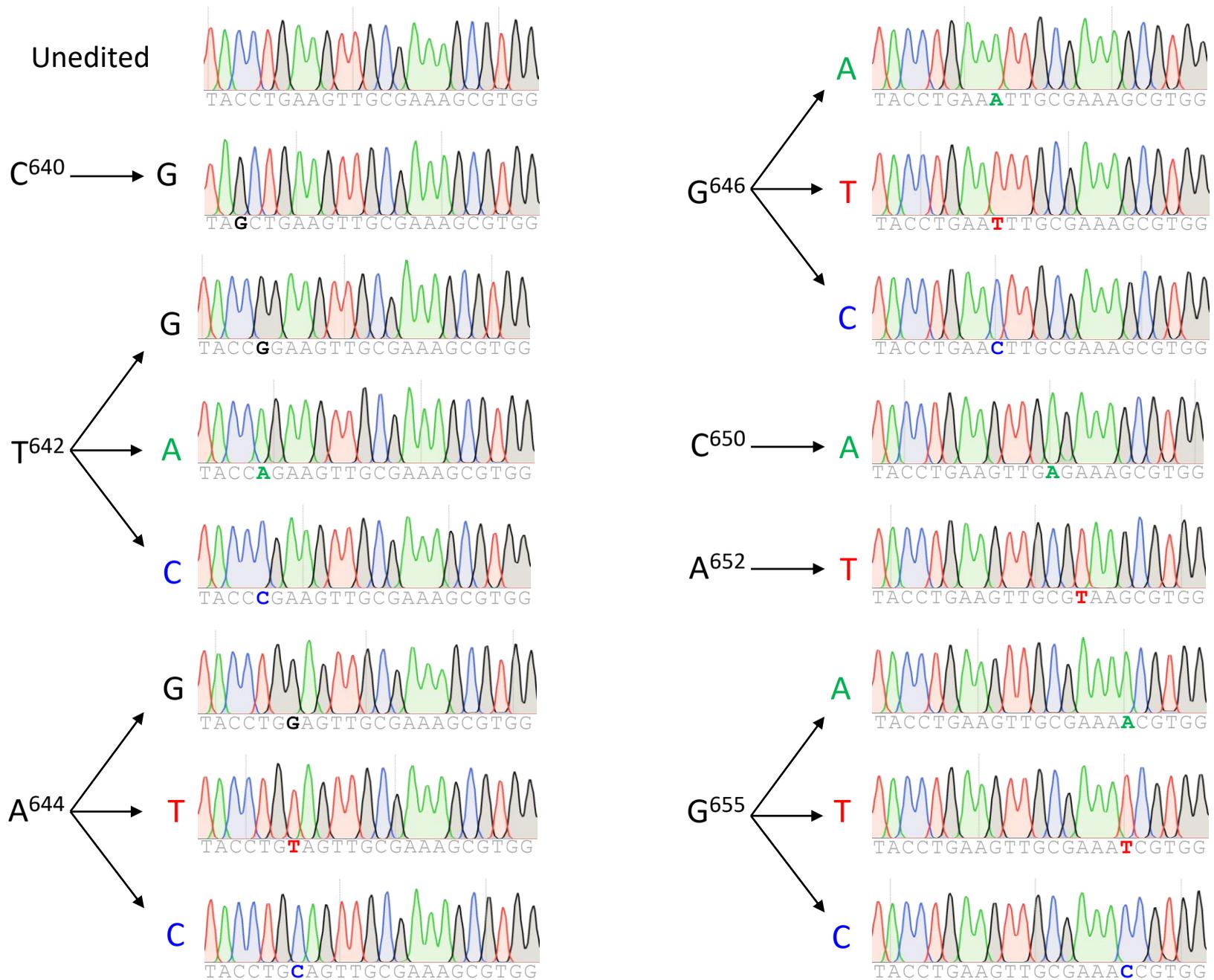
Supplementary Figure S1. Efficiency of truncated sgRNA-mediated single-base editing in a nucleotide located 10 nucleotides away from the PAM sequence. Location of mutation sites and results of single-base editing in *ypdA* (A) and *yjhF* (B) targets. Sanger sequences of edited targets were provided (right).

Sanger sequences : *galK*(498-517)



Supplementary Figure S2. Location of mutation sites and Sanger sequencing results of truncated sgRNA-mediated single-base editing of various bases in *galK* 498 – 517 targets.

Sanger sequences : *xylB*(638-657)



Supplementary Figure S3. Location of mutation sites and Sanger sequencing results of truncated sgRNA-mediated single-base editing of various bases in *xylB* 638 – 657 targets.