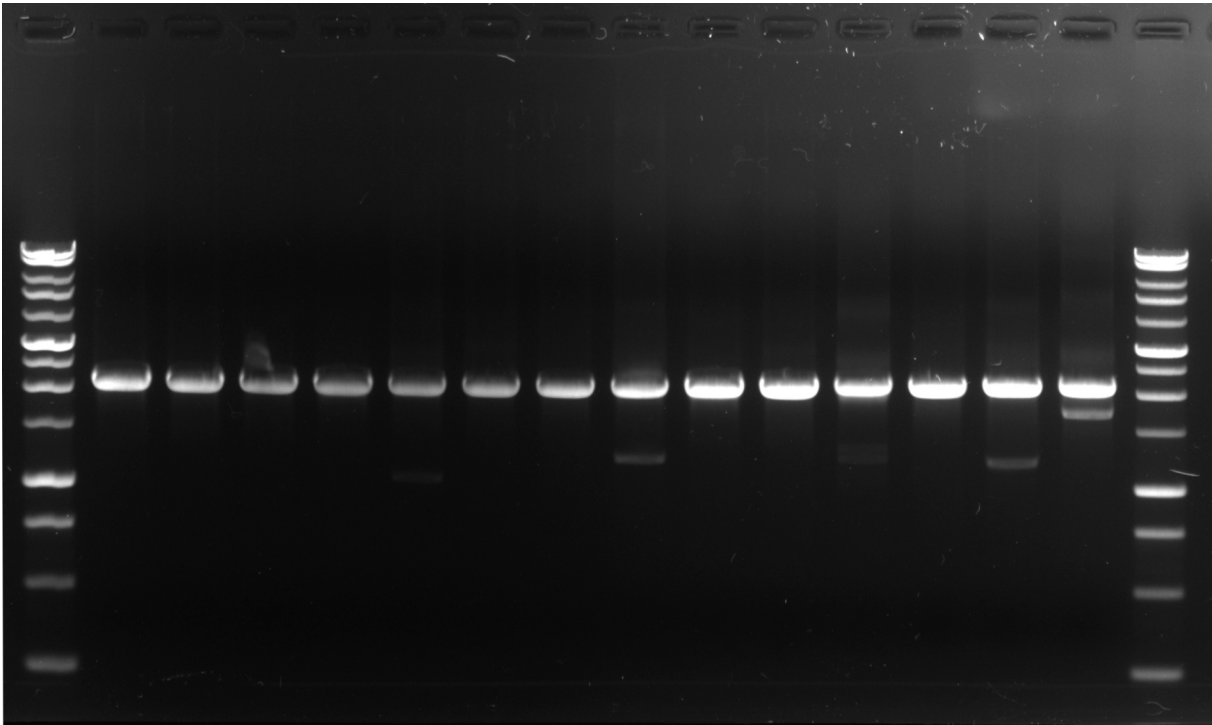


***Msx* locus**

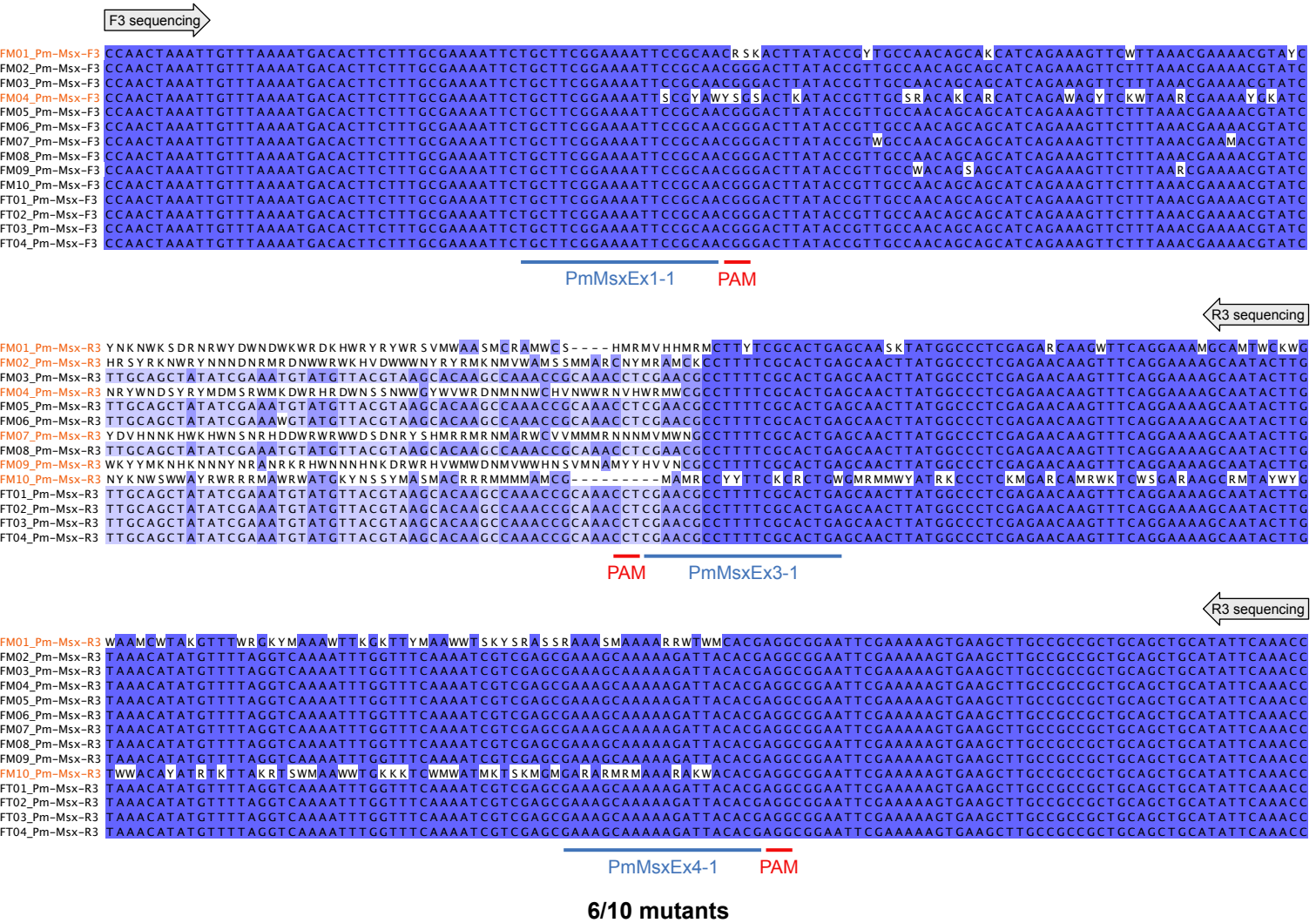


F3/R3 PCR

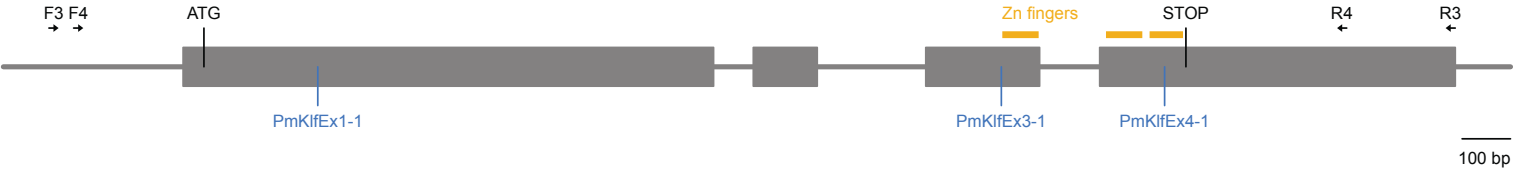


**5/10 mutants
(smaller bands)**

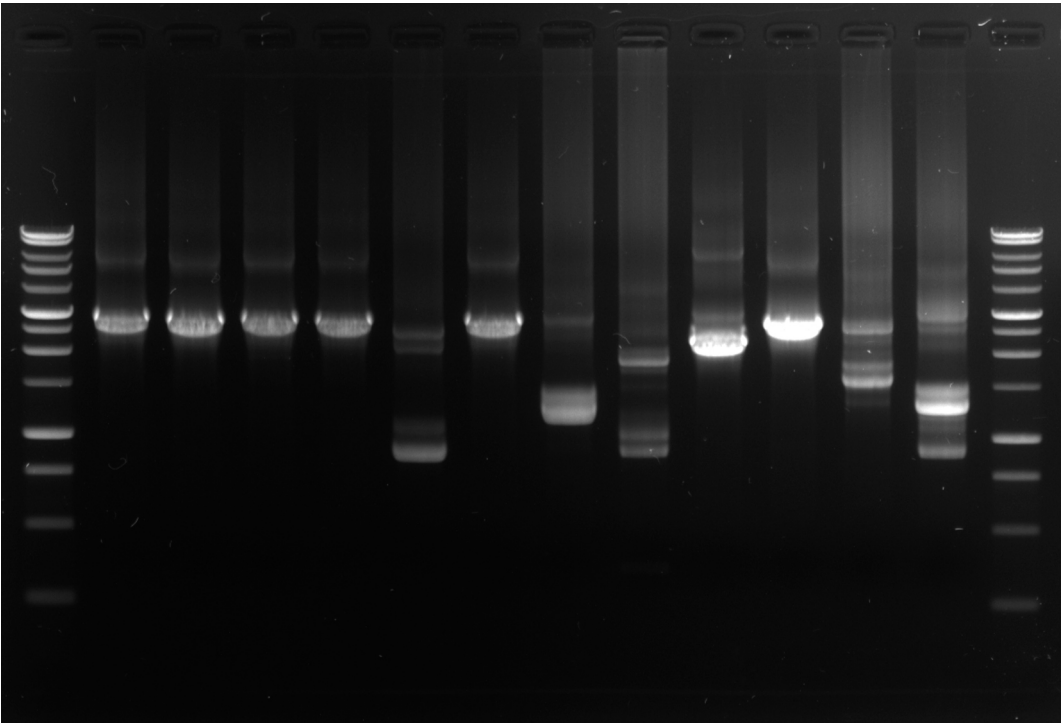
Sanger sequencing



Klf1/2/4/17 locus



PCR2: F4/R4



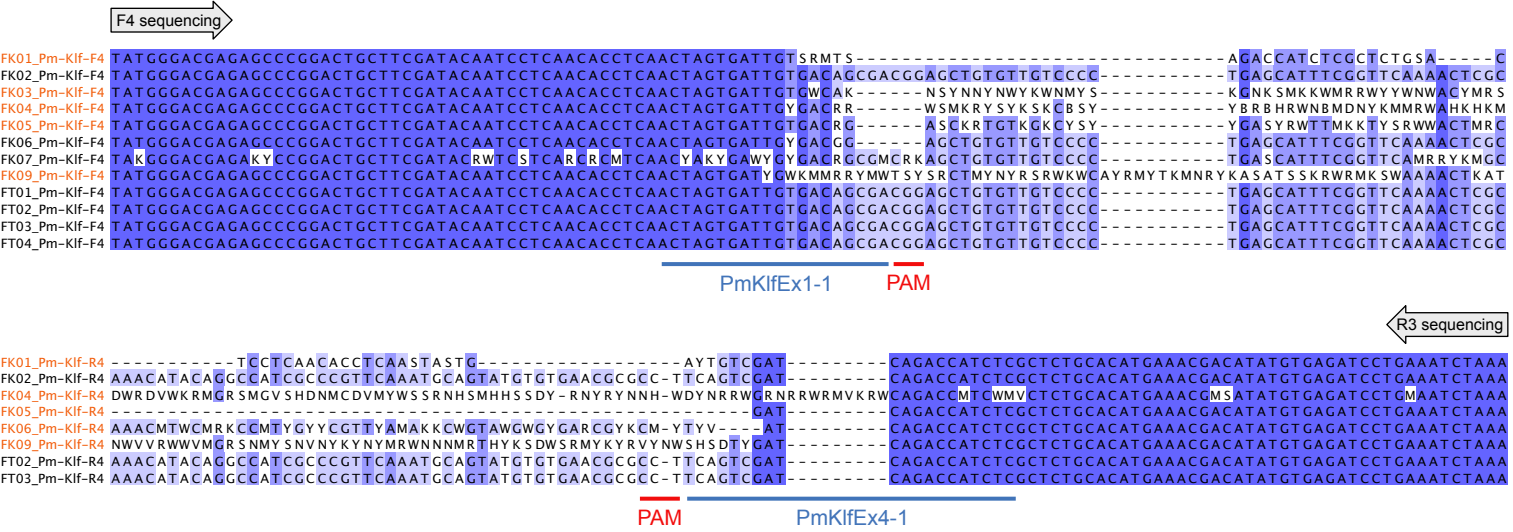
FT 01 FT 02 FT 03 FT 04 FK 01 FK 02 FK 03 FK 04 FK 05 FK 06 FK 07 FK 09

Tyr CRISPR

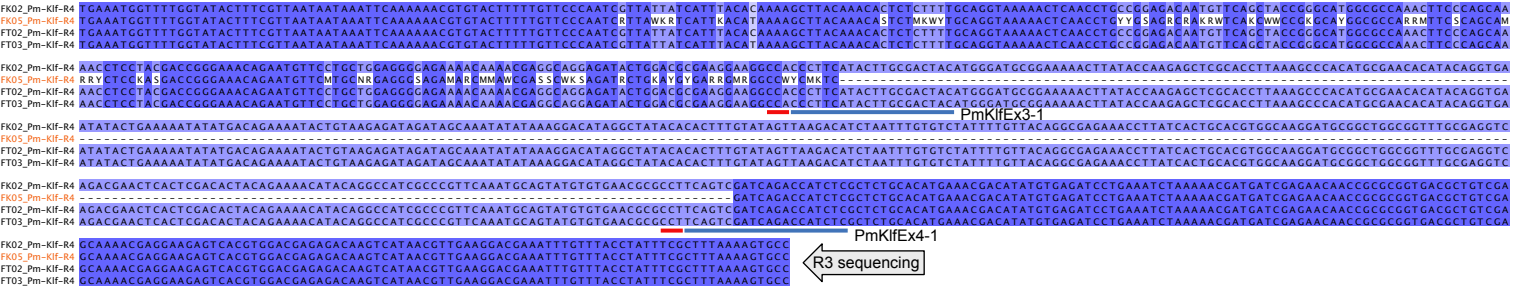
Klf1/2/4/17 CRISPR

6/8 mutants (smaller bands)

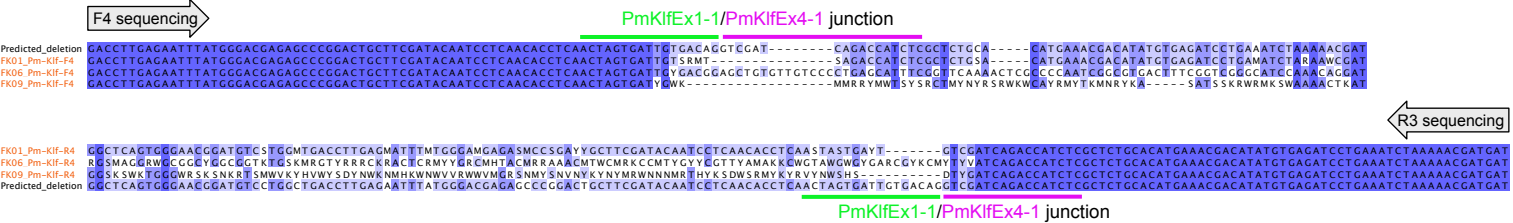
Sanger sequencing



PmKlfEx3-1/PmKlfEx4-1 deletion

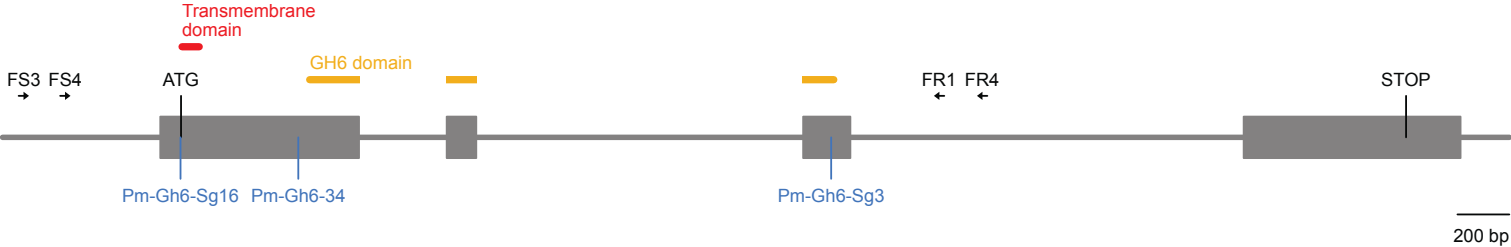


PmKlfEx1-1/PmKlfEx4-1 deletion

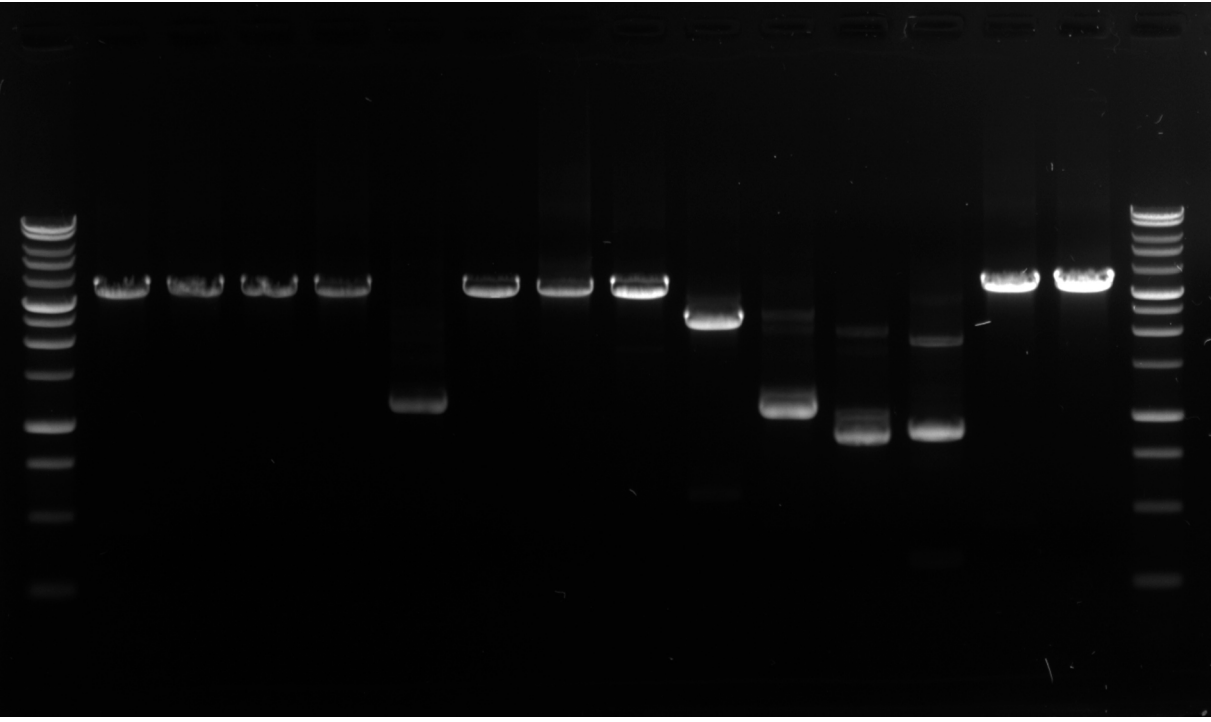


7/8 mutants

Gh6 locus



PCR2: FS4/FR1

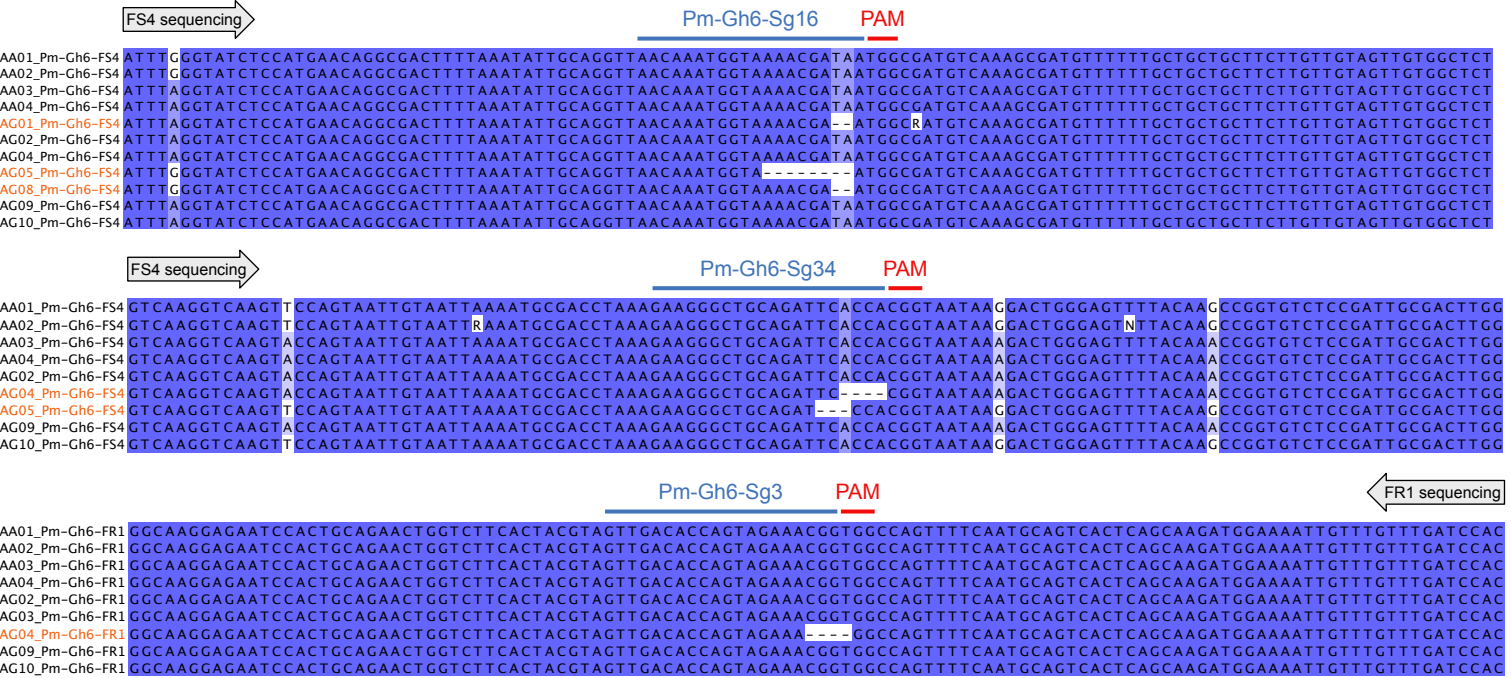


AA01AA02AA03AA04AG01AG02AG03AG04AG05AG06AG07AG08AG09AG10

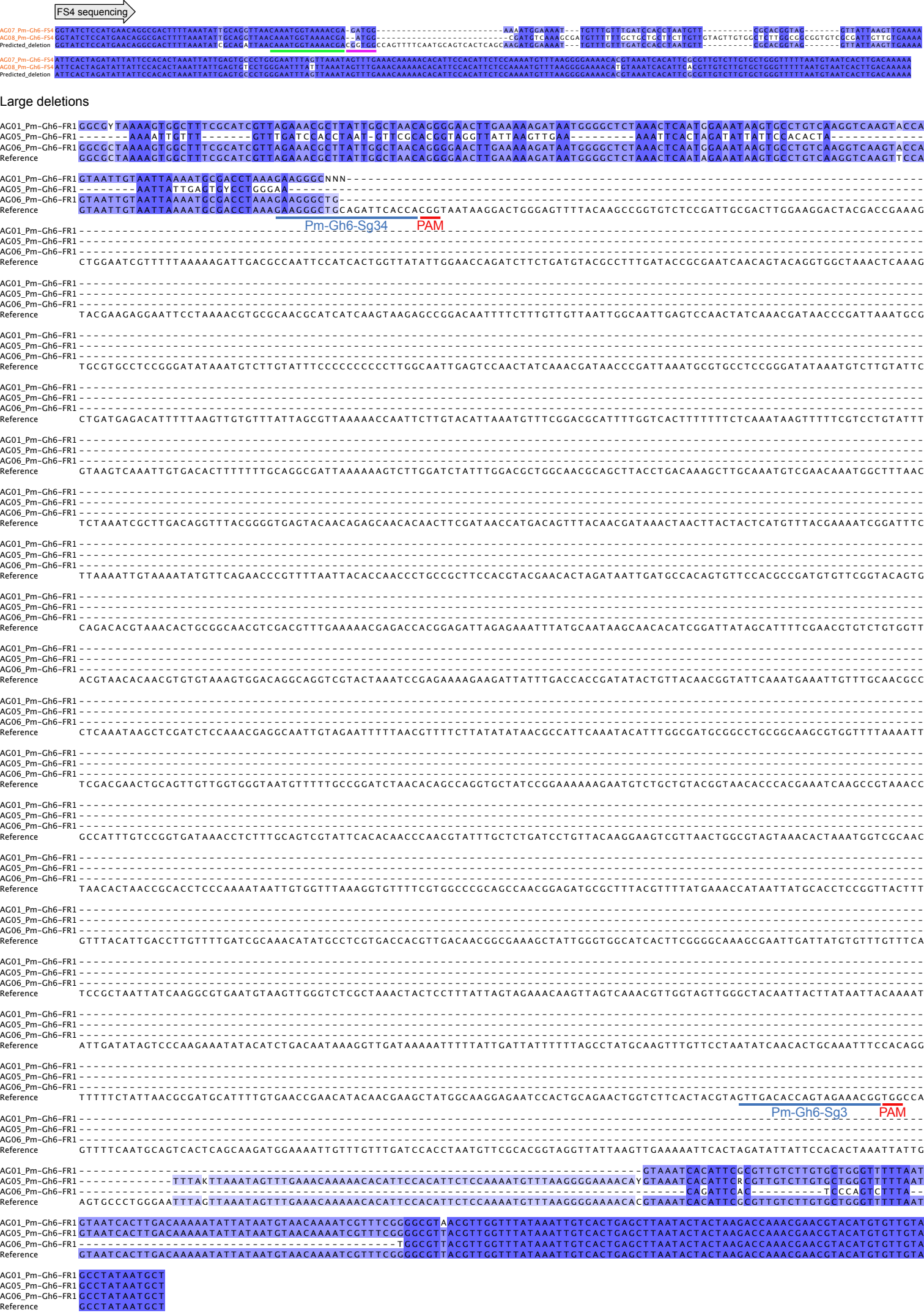
Brlanc.Asc1/2.1 CRISPRGh6 CRISPR

5/10 mutants (smaller bands)

Sanger sequencing



Pm-Gh6-Sg16/Pm-Gh6-Sg3 imperfect deletion



7/10 mutants