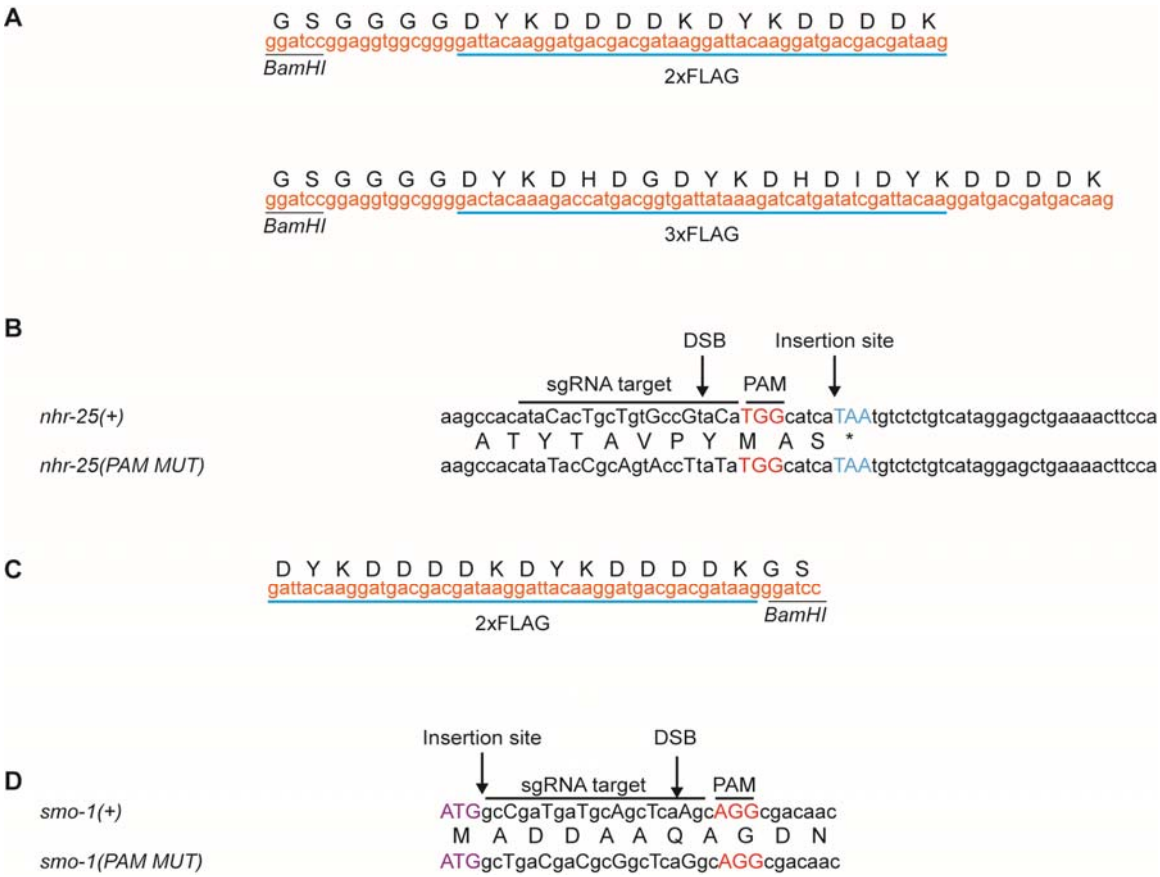

Figure S5 FLAG tag sequences and schematic of insertion sites in *nhr-25* and *smo-1*. (A) DNA and amino acid sequence of 2x and 3x FLAG epitopes used in *nhr-23* and *nhr-25* editing experiments. A GSGGGG amino acid linker sequence precedes the epitope; a *Bam*HI site is encoded in this linker sequence for genotyping by restriction digestion. (B) Sequence of the *nhr-25* genomic locus targeted. The PAM (red text), sgRNA target sequence, stop codon (blue text), and position of the DSB are indicated. The amino acid sequence of the targeted locus is provided. The bases mutated in the oligo template to inactivate the PAM (*nhr-25(PAM MUT)* are in uppercase font in the sgRNA target sequence, with the corresponding WT bases in *nhr-25(+).* (C) DNA and amino acid sequence of the 2x FLAG epitope used in *smo-1* editing experiments. A glycine-serine dipeptide linker encoding a *Bam*HI site for diagnostic restriction digestion follows the epitope. (D) Sequence of the *smo-1* genomic locus targeted. The PAM (red text), sgRNA target sequence, start codon (purple text), and position of the DSB are indicated. The amino acid sequence of the targeted locus is provided. The bases mutated in the oligo template to inactivate the PAM (*smo-1(PAM MUT)* are in uppercase font in the sgRNA target sequence, with the corresponding WT bases in *smo-1(+).*