Figure S2  PCR and restriction digest analysis of F1 pools from Exp. 1

(A) Schematic representation of the ssODN1 used in Exp. 1 and the targeted locus: italic (restriction enzyme site), bold (PAM sequence), underlined (sgRNA sequence). N indicate the length of the homology arms.

(B) Subset of restriction digests used to analyze F1s from Exp. 1. White bars link F1s derived from the same injected hermaphrodite. White asterisks show F1s positive for the engineered NheI restriction site. L: DNA ladder, R: Roller F1s, N: Non-Roller F1s, Lanes labeled 1-4 are as follows: 1) Control PCR fragment containing a NheI site, 2) control PCR fragment without NheI site, 3) Mix of PCR fragments with and without NheI site, and 4) N2 lysate (wild-type control).

(C) Restriction digests used to analyse F2s from Exp. 1. Arrows point to homozygous edits.