Table S7 Conversion events associated with different DSB positions for *nhr-23::2xFLAG* knock-ins

sgRNA	DSB Distance from insert site	Sequenced animals	PAM#1 only	PAM#2 only	PAM#3 only	PAM#1+ PAM#2	PAM#2+ PAM#3	PAM#1+ PAM#2+ PAM#3	PAM#1+ FLAG	PAM#1+ PAM#2+ FLAG	PAM#1+ PAM#2+ PAM#3+ FLAG
PAM #1[a]	9 bp	22[b]	n/a	n/a	n/a	n/a	n/a	n/a	16	6	n/a
PAM #2	29 bp	12[c]	0	2	n/a	0	n/a	n/a	0	1	n/a
PAM #3	54 bp	8 [d]	0	0	0	0	1	0	0	0	1[e]

For the data presented in Figure 4, the number of animals with conversion events at the indicated PAMs, and number FLAG tag knock-in was presented. Here, a more detailed breakdown of the knock-in events is provided. There was no PAM #3 mutation present in the repair oligo used for the PAM #1 and PAM #2 sgRNA experiments.

[a]Pooled from all 200mer *nhr-23-2xFLAG* injections (Figures 1 and 3, Table 2). As these animals were selected for based on a potential FLAG insertion, there were no "PAM only" gene conversion events that would be identified in this dataset.
[b]Includes 14 precise insertions and 8 partial insertions
[c]Of the 12 sequenced animals, nine had no knocked-in sequence
[d] Of the eight sequenced animals, six had no knocked-in sequence
[e]1 bp deletion in inserted 2xFLAG epitope