Table S1. Reagents for CRISPR-mediated gene editing.		
Reagent	**Sequence (5'-3')**	**Concentration injected**
Y51F10.10 crRNA	UUCAUCAAUGGAGCUUUUCCGUUUUAGAGCUAUG CUGUUUUG	8 µg/mL
Y51F10.10 repair DNA	ATTTTTACAGATTGAATACTACATGAAAGCATGCC GAACAGTCGAAAAAA**T**CGGGAA**G**AGCTCCATTGAT GAAACGTTGCCGTTCTTGATTCAATGCAATT[1]	0.6 µg/mL
dpy-10 crRNA	GCUACCAUAGGCACCACGAGGUUUUAGAGCUAUG CUGUUUUG	8 µg/mL
dpy-10 repair DNA	CACTTGAACTTCAATACGGCAAGATGAGAATGACT GGAAACCGTACCGCATGCGGTGCCTATGGTAGCGGA GCTT CACATGGCTTCAGACCAACAGCCTAT	0.6 µg/mL
tracrRNA	AACAGCAUAGCAAGUUAAAAUAAGGCUAGUCCGU UAUCAACUUGAAAAAGUGGCACCGAGUCGGUGCU UUUUUU	4 µg/mL

[1]Edits introduced into *Y51F10.10* by CRISPR are underlined and indicated in red; 'T' replaces 'C' and introduces the *hc85* mutation (Thr272Ile); 'G' replaces 'A' as a synonymous mutation that introduces a *Sac*I restriction site for screening.