

Table S3: List of crRNAs

crRNA name	Target gene	Gene-specific sequence	Location	% G/C	G at 3'end of the crRNA	C at 3'end of the crRNA	Sens/Antisens	Exp.	Efficiency of FP insertion (% Roller, 3 best POs)
589	<i>dpy-10</i>	gctacataggcaccacgag	in ORF	60	yes	no	AS	All	NA
728	<i>gtbp-1</i>	ccacgaggtggtatgcgag	near STOP	65	yes	no	S	AP80/78/111/96/108/60/58/83/82/95/103/115	51.9% (AP78) and 70.2% (AP96)
723	<i>glh-1</i>	tccctcaagatgaagaaggc	near STOP	50	no	yes	S	AP106	47.5%
699	<i>htp-3</i>	agaggaaactgaacgatttc	at STOP	40	no	yes	S	AP114	2.0%
691	<i>gtbp-1</i>	ggccttaaccagaataaga	near ATG	45	no	no	S	AP115	58.1% (crRNAs 691 and 728 were used for gene replacement)
719	<i>gfp/egfp</i>	caaactcaagaaggaccatg	near 3' end of <i>gfp/egfp</i>	45	yes	no	AS	AP105/105D	26.5% (AP105) (crRNAs 719 and 720 were used for gene replacement)
720	<i>gfp/egfp</i>	ccatctaattcaacaagaat	near 5' end of <i>gfp/egfp</i>	30	no	no	AS	AP105/105D	
689	<i>fbf-2</i>	ggtagtcacggcgatgatta	at STOP	50	no	no	S	AP103	35.0% (was performed with <i>gtbp-1</i> co-edition)
772	<i>gtbp-1</i>	tcgggtggctctccacgagg	near STOP	70	yes (GG)	no	S	AP92	20.2%