

Suppl. Fig. 5

	WT		No. of F1 fish with mutation
No.5 F1	TCGCTTACGTAGAATACATCACCAACAGG-----CGCTCATGCTT	$\Delta 5$	6/24
No.5 F1	TCGCTTACGTAGAATACATCACCA-----GGCGCTCATGCTT	$\Delta 8$	6/24
No.6 F1	TCGCTTACGTAGAATACATCACCAACAGG---CATGCTCATGCTT	$\Delta 3$	3/16
No.6 F1	TCGCTTACGTAGAATACATCACCA-----TCGCTCATGCTT	$\Delta 9$	6/16
No.6 F1	TCGCTTACGTAGAATACATCACCAACAGG-----CGCTCATGCTT	$\Delta 5$	3/16
No.7 F1	TCGCTTACGTAGAATACATCACCAACAGG-----CGCTCATGCTT	$\Delta 5$	11/26
No.7 F1	TCGCTTACGTAGAAT-----TACGTAGGGCGCTCATGCTT	$\Delta 10$	7/26
No.8 F1	TCGCTTACGTAGAATACATCAC-----AGGTCAGGCGCTCATGCTT	$\Delta 4$	11/22

Suppl. Fig. 5: Type of deletions or insertions detected in F1 fish. Sequence analysis of the deletion and insertion induced by CRISPR/Cas9 genome editing. Two types of mutations from No.5, 3 types of No.6, 3 types of No.7 and 1 type of No.8 founder fish were detected. Two mutant lines were established; one has a 9 bp deletion from No.6 fish (named as pole1^{E40del9}) and another has a 4 bp deletion from No.8 fish (named as pole1^{E40del4}).