

Strain: VH7197

Genotype: *falt-3* (hd7197[LoxP + *myo-2p::GFP::unc-54* 3' UTR + *rps-27p::neoR::unc-54* 3' UTR + LoxP]) V.

Type: Homozygous

QC Results: PPPP

Deletion: 952 bp

Flanks: CTAATCGCCCAAATTCCAAAAATTATGCCA - [deletion] -
AGGAGAGCAGCTCGGGTGTACGCTGTAGCT

DNA Files: *falt-3_Deletion.apc*, *falt-3_Wildtype.apc*

Primer location and sequences

Primer 1-4 coordinates are from the Deletion ApE file. Primer 5 coordinates are from the Wildtype ApE file.

No	Position	Name	Sequence (5' to 3')
1	1272-1293	<i>falt-3</i> -1 SV F	AGTCATTGTGTCTACCTCCCG
2	2732-2755	pMYO-2 SEC Insertion Primer 2	CAGAACAAATGAGTACAGTGTGTGC
3	6267-6288	NeoR SEC Insertion Primer 2	ATCTCCTGTCATCTCACCTTGC
4	8127-8146	<i>falt-3</i> -1 SV R	CAAGTGTTTCGACACCTGGC
5	2317-2338	<i>falt-3</i> -1 WT R	CACTTGATTACGGTTGTTCGG

PCR products

Product (see figure)	Primer	Product Size	QC Result
{US} - Upstream insertion site	1+2	1484 bp	Pass (Band present)
{DS} - Downstream insertion site	3+4	1880 bp	Pass (Band present)
{WoM} - WT PCR on mutant	1+5	no product, if WT sequence is deleted	Pass (Band absent)
{WoM} - WT PCR on wildtype	1+5	1067 bp	Pass (Band present)

PCR Program:

- (1) 94°C - 30 sec
- (2) 94°C - 30 sec
- (3) 60°C - 30 sec
- (4) 72°C - 2 min
- (5) To step (2) x 34 times
- (6) 72°C - 5 min
- (7) 4°C - hold

