

Strain: VH7194

Genotype: rnst-2(hd7194[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP]) V.

Type: Homozygous

QC Results: PPPP

Deletion: 4597 bp

Flanks: AGCACCTGTCACCTTGACACTCCTTTGTCCA - [deletion] -
TTTAAGCCTCAAAATTGTCATGCTAAAAAA

DNA Files: rnst-2_Deletion.apc, rnst-2_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	251-272	rnst-2 SV F	GTAAGCTGACATGCCTTATGCC
2	1683-1706	pMYO-2 SEC Insertion Primer 2	CAGAACAAATGAGTACAGTGTGTGC
3	5218-5239	NeoR SEC Insertion Primer 2	ATCTCCTGTCATCTCACCTTGC
4	7675-7696	rnst-2 SV R	AGAGAAGGAGGTCAAAGTTCCG
5	5532-5552	rnst-2 WT F	CGACTCTATCGATGTGGCTGG

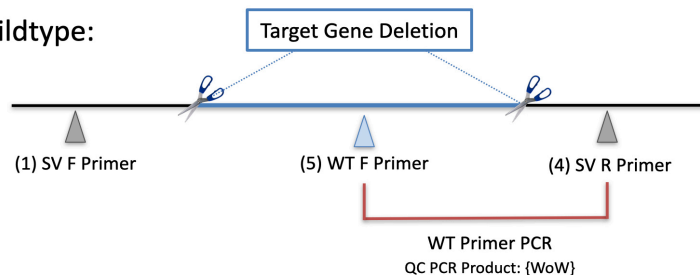
PCR products

Product (see figure)	Primer	Product Size	QC Result
{US} - Upstream insertion site	1+2	1456 bp	Pass (Band present)
{DS} - Downstream insertion site	3+4	2479 bp	Pass (Band present)
{WoM} - WT PCR on mutant	5+4	no product, if WT sequence is deleted	Pass (Band absent)
{WoM} - WT PCR on wildtype	5+4	1345 bp	Pass (Band present)

PCR Program:

- (1) 94°C - 30 sec
- (2) 94°C - 30 sec
- (3) 60°C - 30 sec
- (4) 72°C - 2.5 min
- (5) To step (2) x 34 times
- (6) 72°C - 5 min
- (7) 4°C - hold

Wildtype:



CRISPR Mutant:

