

## Strain: VH7200

Genotype: srpa-68(hd7195[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP]) V.

Type: Heterozygous

QC Results: PPHP

Deletion: 2300 bp

Flanks: AAACTCTTTTCCACCCGAAAGCATTCCA - [deletion] - AAAATATTGAATTAAATATTTAAATGTTA

DNA Files: srpa-68\_Deletion.apc, srpa-68\_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	1129-1149	srpa-68-1 SV F	AGGCTTCTATAGCATGTCGGC
2	3043-3066	pMYO-2 SEC Insertion Primer 2	CAGAACAAATGAGTACAGTGTGTGC
3	6578-6599	NeoR SEC Insertion Primer 2	ATCTCCTGTCATCTCACCTTGC
4	8428-8449	srpa-68-1 SV R	ATACTGAAATCGGTGGCGTTTG
5	4199-4220	srpa-68-1 WT F	TACTCTTCGCTTTCCTGGACG

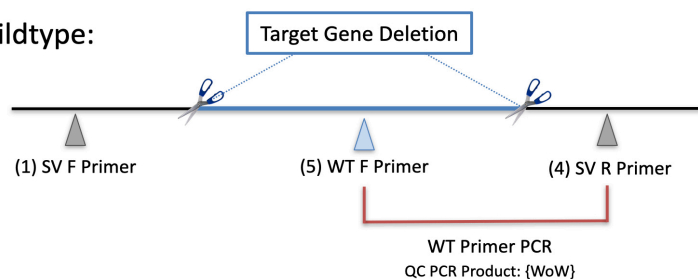
### PCR products

Product (see figure)	Primer	Product Size	QC Result
{US} - Upstream insertion site	1+2	1938 bp	Pass (Band present)
{DS} - Downstream insertion site	3+4	1872 bp	Pass (Band present)
{WoM} - WT PCR on mutant	5+4	no product, if WT sequence is deleted	Fail (Band present)
{WoM} - WT PCR on wildtype	5+4	1134 bp	Pass (Band present)

### PCR Program:

- (1) 94°C - 30 sec
- (2) 94°C - 30 sec
- (3) 60°C - 30 sec
- (4) 72°C - 2.0 min
- (5) To step (2) x 34 times
- (6) 72°C - 5 min
- (7) 4°C - hold

#### Wildtype:



#### CRISPR Mutant:

