

Strain: VH7206

Genotype: cyp-13A5(hd7206[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP]) II.

Type: Homozygous

QC Results: PPPP

Deletion: 1318 bp

Flanks: TTGACCTGCTTAGATTATTAATAGAATACT - [deletion] - TGGATTTTCATAGTCTTGGAACCTCGTGAAT

DNA Files: cyp-13A5_Deletion.apc, cyp-13A5_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	1698-1719	cyp-13A5 SV F	TGTTGTGTCGACATCATACGGG
2	3191-3214	pMYO-2 SEC Insertion Primer 2	CAGAACAAATGAGTACAGTGTGTGC
3	6726-6747	NeoR SEC Insertion Primer 2	ATCTCCTGTCATCTCACCTTGC
4	8741-8762	cyp-13A5 SV R	AGATTCCGGTGAAGTTGGTAGG
5	3006-3027	cyp-13A5 WT F	CCTAGTGCGGATTCTCTTCAA

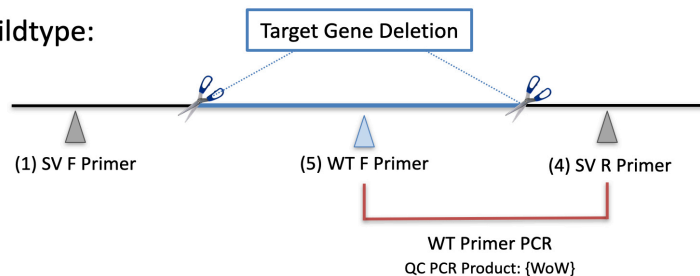
PCR products

Product (see figure)	Primer	Product Size	QC Result
{US} - Upstream insertion site	1+2	1517 bp	Pass (Band present)
{DS} - Downstream insertion site	3+4	2037 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	1658 bp	Pass (Band present)

PCR Program:

- (1) 94°C - 30 sec
- (2) 94°C - 30 sec
- (3) 65°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:

