

**Table S1 Primers designed for this study**

Primer	Sequence (5' to 3')	Amplification of
NCU09211-101191R	CTCAGCTCAAACATTGGTGATTC	KO (knockout) vector
NCU09211-A	CGCTCGGCAAGGGTTCTACATA	C-terminal GFP tag (left flank)
NCU09211-GFP1	CAGCGCTGCACCAGCTCCTGCCCTTCGGGTTCCCAAAGTCAATCAAC	C-terminal GFP tag (left flank)
NCU09211-GFP2	CTCCTTCAATATCAGTTAACAAAGGGCTGGACATTCAAGGGCGGCAAAG	C-terminal GFP tag (right flank)
NCU09211-B	TGTGGCGATGCTAACGGACTACTG	C-terminal GFP tag (right flank), KO vector
NCU09211-C	GGTCAACCGAGAACTTGGGCTTC	C-terminal GFP tag (nested primer)
NCU09211-D	GGAATGGAAGGTGGCCGAGAA	C-terminal GFP tag (nested primer)
NCU09211-E	ATACTTGAGGGTCGGCTCGGATG	N-terminal GFP and YFPN tags (left flank)
NCU09211-NGFP1	GCAGCCTGAATGGCGAATGGACGCGCCGCTGAGAGGATGAGGAAATGGA	N-terminal GFP and YFPN tags (left flank)
NCU09211-NGFP2	CAGGAGCGGGTGCGGGTGTGGAGCGATGGCCAACCGCAGAGTGGATTC	N-terminal GFP and YFPN tags (right flank)
NCU09211-F	CGGTCATCCTCCAGTTCCTGA	N-terminal GFP and YFPN tags (right flank)
NCU09211-G	CCCGTCCAACTCAGCTCAAAC	N-terminal GFP and YFPN tags (nested primer)
NCU09211-H	CACATTGAACTCGCGCAGGGATT	N-terminal GFP and YFPN tags (nested primer)