

Supplementary Table 3. Primer sequences for GFP and mCherry reporter constructs.

PROMOTER TRANSGENES

P_{numr-1}::mCherry

Primer	Sequence (5' to 3')
Primer A (<i>numr-1</i> promoter forward)	CCGTAACCCGGACTGAGTGCCTGCCTATGTTTTCAAT (-499 bp to -477 bp)
Primer B (<i>numr-1</i> promoter reverse with mCherry overhang)	GATGATGGCCATGTTATCCTCCTCGCCCTTGCTCACCATGG- TTGCAGTTGTAGTTTTTCATTTTTTCAGAATGATTTTC
Primer C (mCherry forward)	ATGGTGAGCAAGGGCGAGGAGGA
Primer D (mCherry reverse)	CCACTGAGCCTCAAACCCAAACCTTCTTCCG
Primer D' (nested mCherry reverse)	ATCTTTCTTGCATCGTGCTCATC

P_{numr-1}::GFP

Primer	Sequence (5' to 3')
Primer A (<i>numr-1</i> promoter forward)	GGACTGAGTGCCTGCCTATGTTTTCAATCTGATTAG (-490 bp to -455 bp)
Primer A' (nested <i>numr-1</i> promoter forward)	GGTCTGAAATCTGGAGAGCG (-454 bp to -434 bp)
Primer B (<i>numr-1</i> promoter reverse with GFP overhang)	GGGACAACCTCCAGTGAAAAGTTCTTCTCCTTTACTCA TGGTTGCAGTTGTAGTTTTTCATTTTTTCAGAATGATTTTC
Primer C (GFP forward)	ATGAGTAAAGGAGAAGAAGTTTCTACTGGAGTTGTCCC
Primer D (GFP reverse)	CCACTGAGCCTCAAACCCAAACCTTCTTCCG
Primer D' (nested GFP reverse)	ATCTTTCTTGCATCGTGCT

P_{numr-2}::GFP

Primer	Sequence (5' to 3')
Primer A (<i>numr-2</i> promoter forward)	CTGTAAAAATTTGCTCTCCAGATTTTCAGACCCTAATC (-499 bp to -461 bp)
Primer B (<i>numr-2</i> promoter reverse with GFP overhang)	GGGACAACCTCCAGTGAAAAGTTCTTCTCCTTTACTCAT-GGTTGCAGTTGTAGTTTTTCATTTTTTCAGAATGATTTTC

PROMOTER PRTOEIN FUSION TRANSGENES

P_{numr-1}::NUMR-1-GFP

Primer	Sequence (5' to 3')
Primer A (<i>numr-1</i> promoter forward)	GGACTGAGTGCCTGCCTATGTTTTCAATCTGATTAG (-490 bp to -455 bp)
Primer A' (nested <i>numr-1</i> promoter forward)	GGTCTGAAATCTGGAGAGCG (-454 bp to -434 bp)
Primer B (<i>numr-1</i> coding region reverse with GFP overhang)	GGGACAACCTCCAGTGAAAAGTTCTTCTCCTTTACTCA-TTCGACCAAATCTGCGTTCAAATGGATGTTGTCTC
Primer C (GFP forward)	ATGAGTAAAGGAGAAGAAGACTTTTCACTGGAGTTGTCCC
Primer D (GFP reverse)	CCACTGAGCCTCAAACCCAAACCTTCTTCCG
Primer D' (nested GFP reverse)	ATCTTTCTTGCATCGTGCT

HEAT SHOCK FACTOR 1 PROMOTER FUSION

*P_{hsf-1}::*HSF-1

Primer	Sequence (5' to 3')
Primer A (<i>hsf-1</i> promoter forward)	CGGTAAAAATGGGAAACCCTAAAATTAATGGCAAAG (-1993 bp to -1956 bp)
Primer B (<i>hsf-1</i> promoter reverse with cDNA fusion overhang)	GATTTTGATTCCCTGTTGGCTGCATTTTACGAACTAGCACGCGGTATCTGAAATTATTATATTTAAAATATTAG (36 bp to -48 bp)
Primer C (HSF-1 cDNA forward)	ATGCAGCCAACAGGGAATCAAATACAACAAAACCAG
Primer D (HSF-1 cDNA reverse)	AACCAAATTAGGATCCGATGGACTTGGAGTACGAAGA

*P_{hsf-1}::*HSF-1-mCherry

Primer	Sequence (5' to 3')
Primer A (<i>hsf-1</i> promoter forward)	CGGTAAAAATGGGAAACCCTAAAATTAATGGCAAAG (-1993 bp to -1956 bp)
Primer B (HSF-1 cDNA reverse with mCherry overhang)	CATGTTATCCTCCTCGCCCTTGCTCACCATAACCAAA- TTAGGATCCGATGGACTTGGAGTAC
Primer C (mCherry forward)	ATGGTGAGCAAGGGCGAGGAGGA
Primer D (mCherry reverse)	CCACTGAGCCTCAAACCCAAACCTTCTTCCG
Primer D' (nested mCherry reverse)	ATCTTTCTTGCATCGTGCTCATC

Primer C (GFP forward)	ATGAGTAAAGGAGAAGAAGAACTTTTCACTGGAGTTGTCCC
Primer D (GFP reverse)	CCACTGAGCCTCAAACCCAAACCTTCTTCCG
Primer D' (nested GFP reverse)	ATCTTTCTTGCATCGTGCT