

Supplementary Table 1

Primer name	Sequence
YFPfor	GAATTCCTGTGAGCAAGGGCG
YFPrev	CTCGAGTTACTTGTACAGCTCGTC
Mattargetfor	GGATCCGGCCGGCAAGGCGAACAA
Mattargetrev	GAATTCACCGTCCGCCAGTTG
Maturinfor	AGTGAGGACTGCTTGCCATT
Maturinrev	GCTGACACCCATTTGTTGGT
Pax6for	GCAACCTGGCGAGCGATAAGC
Pax6rev	CCTGCCGTCTCTGGTTCCGTAGTT
H4for	CGGGATAACATTCAGGGTATCACT
H4rev	ATCCATGGCGGTAAGTGTCTTCCT
tubb2bfor	ACACGGCATTGATCCTACAG
tubb2brev	AGCTCCTTCGGTGTAAATGAC
ncam1for	CACAGTTCCACCAAATGC
ncam1rev	GGAATCAAGCGGTACAGA
actc1for	GCTGACAGAATGCAGAAG
actc1rev	TTGCTTGGAGGAGTGTG
DrMaturinfor	CCGCGATGAGCCACTGAGAGC
DrMaturinrev	CAAAAGGGATCCAGTGTGTGTGTGTG
Morpholino name	Sequence

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Primer name	Sequence
MatMO1	CGTCCGCCAGTTGCTGGAAATCCAT
MatMO2	TCTCTTCCCCCAATCAGCCCGCGAT
Pak3MO	CAGCACTCCTCACAGCCTCCTGGC
CoMO	Random 25-mer