

Probe	Oligonucleotides 5'-3'
pMPG	CTGGGGCAGACAGCCATGGTCAGTGCCCTTCCCATACTCACAGCAACCATCTGGGTGAGCgatata caagcttatcgataccgctcgac  TCAGCGAGTCGCCGACAAGAACCTATGGGCAGTGAGTCTGCTCAGCTCAAACAGGGGCCcaccg cggtaggagctccaatt
pE	AAGCATTGAGGGCTAAGGATGTAGCTTAGTAATAGAGGCCCTGAGCTCTATGACTACCACgatata caagcttatcgataccgctcgac  GAAGATGTCTCTGAATGTTCCAAGAGTTACAGTCAGTATTTTCAATTTAAAAATGTACATACcaccg cggtaggagctccaattc
p $\alpha$	CAAATTGACATGAATCAAGAATGACAACCTGAGTCTTACATGGACTGTATCCAGGGTCACAgatata caagcttatcgatac  GGTATCACACACCAGGCACACATATACACATGTACGGACACATCACACACCAGGCATACATGGAC AGAAGcaccgaggtaggagctccaat
p58	ATGGGCTTTATTCTCTCTGTCCCTCTGCAACACTGGTGTACACAACACGAGTCTACCATCCTTA AAGcaccgaggtaggagctccaattc  CGCCTGCAGCCAGTTCCTTTTATACCTTTACCAACATGACTAGCTTCCTAAGCAGGGACATGga tatcaagcttatcgataccgctcgac

**Additional file 16: Table S2: Oligonucleotide sequences for FISH probes.** Sequences used to amplify the vector backbone are shown in lower case, and regions used to subclone probe sequences in upper case.