

PCR primers

Name	Sequence
INV_ICS Fw	GTAAGAAGCAAGGTTTCA
INV_ICS Rv	CTGAAGTATAAAAAAAAAAGTCA
INF_circ-Hdgfrp3 Fw	TTTTTTATACTTCAGATTGATGAACTCCCAGAGGGC
INF_circ-Hdgfrp3 Rv	AACCTTGCTTCTTACCCCTTCACTGGTTTTCTGC
INV_p-circ-Ex4 Fw	GAAATACTGCAGATGCAAGCAGTGA
INV_p-circ-Ex4 Rv	CACCTTCTCCCTCAGTTTCTGAAGA
INF_p-circ-Ex4 Fw	CTGAGGGAGAAGGTGCCCACGGAGGATCCCCAATCG
INF_p-circ-Ex4 Rv	CATCTGCAGTATTTCCCCACGGAGGATCCCCGC
INV_p-circ-Ex5 Fw	AAGCAGCTCTGAGGGTGG
INV_p-circ-Ex5 Rv	TTGTTTTCTCTTCTTTGCAGTC
INF_p-circ-Ex5 Fw	AGAAGAGGAAAACAACCCACGGAGGATCCCCAATCG
INF_p-circ-Ex5 Rv	CCCTCAGAGCTGCTTCCCACGGAGGATCCCCGC
INV_BSD Fw	GGTTTAGTTCTCACCTTGTCGT
INV_BSD Rv	GCACTTCGTGGCCGAGGA
INF_BFP Fw	TCGGCCACGAAGTGCATTAAGCTTGTGCCCCAGTTTGC
INF_BFP Rv	GTGAGGAATAAACCATGGTGTCTAAGGGCGAAGAG
BFPnls Fw	TTTCTTTGGATTAAGCTTGTGCCCCAGTTTGC
BFPnls Rv	AAGCGGAAAGTGAAGCACTTCGTGGCCGAGGAGC
INV_Puro Fw	GGTAGGGCCGGGATTCTCC
INV_Puro Rv	GCTAAGCACTTCGTGGCCG
INF_BFP-NLS Fw	CACGAAGTGCTTAGCTTACACTTTCGCTTTTTCTTTGG
INF_BFP-NLS Rv	AATCCCGGCCCTACCATGGTGTCTAAGGGCGAAGAG
INV_epb-Eif1a Fw	GGTTCCGGTGGATCTGGAGG
INV_epb-Eif1a Rv	TGGCGTAGCTCACGACACC
INF_eGFP Fw	CGTGAGCTAGCGCCACGGGATCCATCGCCACCA
INF_eGFP Rv	AGATCCACCGGAACCCTTGTACAGCTCGTCCATGCC
INV_epb-Eif1a-GFP Fw	AAGCTTGGCCCTCTAGACTCG
INV_epb-Eif1a-GFP Rv	GGTGCCTGCTTTTTTGTACAAAC
INF_GFP-FUS Fw	AGCGAATTCAGGGACATGGCCTCAAACGATTATACCC
INF_GFP-FUS Rv	TAGAGGGCCCGTTTAAAGCTTTTAATACGGCCTCTCCC
INF_GFP-DCP1A Fw	AAAAAAGCAGGCACCATGGAGGCGCTGAGTCGAG
INF_GFP-DCP1A Rv	TAGAGGGCCAAGCTTTCATAGGTTGTGGTTGTCTTTGTTC
INV_epb-nHOTAIRM1-Pepper Fw	AAGCTTATCGGTACCAACTAGATCT
INV_epb-nHOTAIRM1-Pepper Rv	GGATCCACTAGTCCAGTGTGGT
INF_ROMO1 Fw	TGGACTAGTGGATCCGTTTTCCGTGAGAGACGTAGAGCT
INF_ROMO1 Rv	GGTACCGATAAGCTTTACTCAAAGACTTTCTTTTATTAGT
qPCR_circ-HDGFRP3 ex5 Fw	TCCAGGAGATGAAGATGACAAAGAC
qPCR_circ-HDGFRP3 ex 3-2 Rv	CTTTGGGACCTAGAAATGCAGTT
qPCR_Linear Isoform Fw	AAGTGTTAGCAGCACAGTCA
qPCR_nHOTAIRM1 ex2 Fw	GTTGCTTACATGCTGCGTTTTTC
qPCR_nHOTAIRM1 ex3 Rv	TTTCAAACACCCACATTTCAACC
qPCR_ROMO1 Fw	GCTTCGACCGTGTCAAAATG
qPCR_ROMO1 Rv	TTTTCCCAATGCCGCCATC
m_ATP5O Fw	CAACCGCCCTGTACTCTGCT
m_ATP5O Rv	GGATTGAGAACAGCCAGAGACAC
m_OCT4 Fw	TCCCTACAGCAGATCACTCAC
m_OCT4 Rv	TGTCCCTGTAGCCTCATACTC
m_PAX6 Fw	GCCAGCAACACTCCTAGTCA
m_PAX6 Rv	GTCTGTTTCGGCCCAACATG
m_HB9 Fw	TGCCAGCACCTTCCAAC
m_HB9 Rv	CTTCCCCAAGAGGTTTCGACT
m_ISLET1 Fw	TGTGGACATTACTCCCTCTTACA
m_ISLET1 Rv	TCGTGAATTGATTGCCGCA
m_CHAT Fw	TGGAGAGACAGGAGAAGACAG
m_CHAT Rv	GCAGGGCTAGAGTTGACTGG
h_ATP5O Fw	TTGAAGGTCGCTATGCCACA
h_ATP5O Rv	ACAGAAGCAGCCACTTTGGG
h_OCT4 Fw	CCTGAAGCAGAAGAGGATCACC
h_OCT4 Rv	AAAGCGGCAGATGGTCGTTTGG
h_PAX6 Fw	TGACATTTAAACTCTGGGGCAGG
h_PAX6 Rv	GTTTTCTCCACGGATGTTGCTG
h_HB9 Fw	GAGACCCAGGTGAAGATTG
h_HB9 Rv	CCTTCTGTTTCTCCGCTTCC
h_ISLET1 Fw	TACAAAGTTACCAGCCACC
h_ISLET1 Rv	GGAAGTTGAGAGGACATTGA
h_CHAT Fw	CTCAGCTACAAGGCCCTGCT
h_CHAT Rv	ACCAGCGTGTCTGGGTATG

smFISH probes

Name	Sequence
circ-Hdgfrp3	cat#703021
nHOTAIRM1 probe 01	TCGTCCTACGCTCATAAATC
nHOTAIRM1 probe 02	GGACTATGGCTGGTTTCTGG
nHOTAIRM1 probe 03	CTTCCTCCGCTAAATCTCAG
nHOTAIRM1 probe 04	GGAAGTTCCAATGACAACGC
nHOTAIRM1 probe 05	TGGCTCTTAACAGCAAAGGC
nHOTAIRM1 probe 06	GGGGCGGGTTGATTTAAGAA
nHOTAIRM1 probe 07	GCAGCATGTAAGCAACATGT
nHOTAIRM1 probe 08	ggcaaaacagacCGTGAGAA
nHOTAIRM1 probe 09	gagcgccggggatttaaag
nHOTAIRM1 probe 10	caaatcggccttgcagtcg
nHOTAIRM1 probe 11	agaacgcagcttttgctctt
nHOTAIRM1 probe 12	gccagttcatcttcattga
nHOTAIRM1 probe 13	ccataaatccctccacattt
nHOTAIRM1 probe 14	gtttcaaacacccacatttc
nHOTAIRM1 probe 15	cagtctccaggtaataact
nHOTAIRM1 probe 16	gagtaacacggagtttcttt
nHOTAIRM1 probe 17	ccaagcccaagctcttgaaa
nHOTAIRM1 probe 18	agaggcagaattggacagtc