

Methods S1, PCR primers for anchor amplification

(related to STAR Methods, Zebrafish transgenesis)

Gene associated with proximal anchor	Cloned anchor	Forward primer (5'→3')	Reverse primer (5'→3')
Nkx2.1	DA504	TCCCGTTCCTAGTCTTTGATACTT	CGAGCAACAGGAGAGGAATAATT T
Sp8	PA545	GACATCCAGACCTCTGTTTTCC	TCTACCAGAGGTGGGATTCAAG
Sp8	DA545	GGGAAGAGTTCCTAGCCATT	GTGGGAGCTCAATTCATCTAA
Coup-TFI	DA246 7	GCTCCAGCGTCTACTGAGAAAT	AGCAGAATCCCTGAGACTTCAC
Coup-TFI	DA231	CCAGTGAAACACCTACTCACCA	AAGTTGGCATTTTTAGGACTCG
Ntng1	DA141 4	GTAGAGGCGCGGAACCATAG	GGGGTAAAAGGAAAGGGCAAA
Irx1	DA597	CAGCAAAGCATTGTAAGTGTGA	TGGGGCTTTAACACAAGCAT
Socs3	DA463	GCTCACACTGACCCATAGGTTT	TTGCCTCTCAGAGTGAACCA
Chd7	DA143 9	AGGCAAGCTCACCAGCTCT	GATTTCAAAGGCAGCCACAT
Sox3	DA273 3	GGAGGCACATGAAAGCAATAA	GGTAAGGTTAAAATGGCTTTTG
Sox3	DA270 2	ACTGTCCATTTAGTTTTTCATAAATC A	GTGGGCAGGGATACCTTAGTCT
Sox4	DA245 8	GTCCTTCAGCAAGCTCTAAACA	AATGGTGGTGAAATCTGCAAGT
Cxcr4	DA62	GGACCCCTCAGTGAATATTAAGG	TTTGCACTGTGGTACACATTTT
Zfp355	DA130 3	CTAGCACTCAACCCTGAGATT	GACTTCAGAATGGAGCCAGAAC
Zfp355	PA1303	AAGTAGTTCGCGTTTCGAG	TTTGAGGCTTTCACTCTGCTG
Fos	DA852	CCAGGCCAGTCTTTTCACAC	TCGAGGCTAGTTTGGGTTGT
Fos	DA854	TAATCTTCTGACTCCCCGGC	GAGCTGGTGAGTGCAGTCTA