

Table S1: Primer sequences

Application	Primer	Sequenz (5'-3')	Roche probe
qPCR	Rbfox1_F	GACCCCTACCACCACACACT	19
	Rbfox1_R	TCTTGGCATCGGTCAAGG	
	Rbfox1_alt3end_R	TGCAGCTTAGCTCCTCTGAAGT	
	Rbfox1_E1A_F	gtggcgaaggcagaagtg	16
	Rbfox1_E1A_R	caggactcaccaaaacctgac	
	Rbfox1_E1A.1_F	cggtgagaaaagtaaccagtgtag	
	Rbfox1_E1A.1_R	caaaacctgactctccaccag	68
	Rbfox1_E1B_F	GTTGCCTCTGGTGGATGCTG	
	Rbfox1_E1B_R	TGAGCTGTTTCTAGAACTCCTG	
	Rbfox1_E1C.1_F	CGGATCAGAATCCGACCT	58
	Rbfox1_E1C.1_R	CTTTGATATCCTACCCTGTGTAA	
	Rbfox1_E1C_F	ccaatgcatgtagcaagag	15
	Rbfox1_E1C_R	gagtgcctttgatctccta	
	Rbfox1_E1D_F	GCCTTGACTTTTATGTACTTACAGCAG	11
	Rbfox1_E1D_R	ATAAGGCTGAGCCATTGTGTC	
	Gapdh_F	TGCTGAGTATGTCGTGGAGTCT	157
Gapdh_R	TTGGCTCCACCCTTCAAGT		
Bcas2_F	CAACCGATTGAATTACTCAGCA	-	
Bcas2_R	ACACATTCTTGCCATGCAGT		
Cloning	Rbfox1_Prom1B_KpnI_F	ACTGGGTACCAGACGCCTGGCTCTTGATAA	
	Rbfox1_Prom1B_HindIII_R	ACTGAAGCTTTCCTCCTGGATTCCCTCAGTT	
	Rbfox1_Prom1C_XhoI_F	ACTGCTCGAGTACCTCGTGGGGATATGAA	
	Rbfox1_Prom1C_ext_BglII_R	ACTGAGATCTCATCTTCTTTGCAAAATCCAG	
	Rbfox1_Prom1D_XhoI_F	ACTGCTCGAGAGACTGTAGTTTTTTCCAGT	
	Rbfox1_Prom1D_BglII_R	ACTGAGATCTCCGATTATCTAACTCACACA	
In vitro mutagenesis	Prom1B_c1658t_a1659t_F	CAGTGCAAACATATGTAAGCAATTCATGGTAGTGTGACCTGAGTA	
	Prom1B_c1658t_a1659t_R	TACTCAGGTCACACTACCATGAATTGCTTACATAGTTGCACTG	
	Prom1B_c2865t_a2866t_F	GAGTCGCTCAGCTCGTTTCTGGAGGGGACAGC	
	Prom1B_c2865t_a2866t_R	GCTGTCCCTCCAGAAACGAGCTGAGCGACTC	
	Prom1B_c2378t_a2379t_F	CACAGAGAGACACACACATTTCATGCACACATTTTCTCGC	
	Prom1B_c2378t_a2379t_R	GCGAGAAAAATGTGTGCATGAATGTGTGTGTCTCTCTGTG	
	Prom1B_c2815t_a2816t_c2817t_F	CCAGCCACAGGACCTTTGCGTGCCTCGCCG	
	Prom1B_c2815t_a2816t_c2817t_R	CGCGAGGGCGACGCAAAGGTCCTGTGGCTGG	
	Prom1C_c332t_a333t_F	CATCAGTTTGTCTACTTTCTTAGTGCTTGGCAAAGGGGT	
	Prom1C_c332t_a333t_R	ACCCCTTTGCCAAGCACTAAGAAAGTGAGCAAACCTGATG	
	Prom1C_c194t_a195t_F	CATTGCTCCTGAGTAAAAATGGTTGTTTAGTGAGGACTCTGG	
	Prom1C_c194t_a195t_R	CCAGAGTCTCACTAAACAACCAATTTTAACTCAGGAGCAATG	
	Prom1C_c236t_a237t_F	GGGACTGTGCAAGGTGCCCTATTCTGTTTTGTGGTACATATTT	
	Prom1C_c236t_a237t_R	AAATATGTACCACAAAACAGAATAGGGCACCTTGCACAGTCCC	
	Prom1C_c564t_a565t_F	TCGCTTGTCAAGGCCTTGAATTCCTGTGGTGGCT	
	Prom1C_c564t_a565t_R	AGCCACCAGCAGGAATTCGAAGGCCTTGAACAAGCGA	
	Prom1C_c652t_a653t_c654t_F	TAGAATCATTGGCATTGCTAGTTTGTGGGTACCATTCTCTGCTGC	
	Prom1C_c652t_a653t_c654t_R	GCAGCAGAGAATGGTACCCACAACTAGCAATGCCAATGATTCTA	
	Prom1C_c278t_a279t_c280t_F	AAGAACAAGGAAGAGATTTGTGCTGGGGGGGGGGT	
	Prom1C_c278t_a279t_c280t_R	CACCCCCCCCCAGCAGAAATCTCTTCCCTTGTCTTT	