

NANOG PROMOTER E2F binding region		Primer position	Sequence	T_a	Amplicon size
E2F (I)	(-5428)	-5596 -5340	GCCTCCCAAGTAGCTGAACT AGAATTGCTTGAAACCCGTGA	57°C	257 bp
E2F (II)	(-4762)	-4808 -4690	GGTGCTGGACTTTTCTCTCC GCCAGAAGAGAATCGCCTTC	55°C	119 bp
E2F (III)	(-4192)	-4305 -4057	GCTGAGCCGTGAGTCAGAAA CAAGGATGGTGGCATGTGTT	55°C	249 bp
E2F (IV)	(-3700)	-3891 -3658	AATAAGTGAAGAATATGC CAATGTGATATACAGAATA	55°C	234 bp
E2F (V)	(-3220)	-3337 -3013	AGGATGCTGGTGAATGATCC AGTGTAATGGCGCAATCTCG	55°C	325 bp
E2F (VI)	(-2709)	-3027 -2694	TTGCGCCATTACACTGTAGC ACCAAATCCCACCAAAATGA	55°C	334 bp
E2F (VII)	(-2009)	-2036 -1739	TAGTAGATGGGATTACAG CGACTTACTACATTCTTC	57°C	298 bp
E2F (VIII)	(-532)	-574 -259	TTGAGACGTAGTCCCGCTCT TGGTTCAACAGGAATGGGATA	55°C	336 bp
E2F (IX)	(-37)	-83 +211	ACGGGATTAAGTGAAGAAT TATAGAGGAAGAGGAGGAA	57°C	295 bp
E2F (X)	(+110)	-41 +265	GACTGAGCTGGTTGCCTCAT ATGCTTCAAAGCAAGGCAAG	55°C	225 bp

NANOG PROMOTER P53 binding region		Primer position	Sequence	T_a	Amplicon size
P53 (I)	(-5576)	-5679 -5473	TGTCACACAGGCTGGAGT GCGGGAGGATCGAGAGGT	58°C	207 bp
P53 (II)	(-3944)	-4159 -3917	GCGTGATCTTGGCTCACC AAGCAGCTAGGTGCAGTGG	60°C	243 bp
P53 (III)	(-3620)	-3827 -3565	TGGTGTTCATCTTCCCATCA TGATGAAGGAATGGGCATAA	55°C	263 bp
P53 (IV)	(-3115)	-3823 -3013	AAACAGGCAAAAATAAAAATAGGC AGTGTAATGGCGCAATCTCG	58°C	271 bp
P53 (V)	(-44)	-173 +60	GGTTCTGTTGCTCGGTTTTTC ATGAGGCAACCAGCTCAGTC	55°C	234 bp