

Table 1. Fyn oligonucleotide sequences used for cloning of Fyn promoter and promoter fragments.

Name	Sequence (5'-3')	Position
For cloning of human Fyn promoter		
FynPromo-F	<u>CAGATCTGAGAGCATATGACACTTAGTC</u>	-2268 to -2247
FynPromo-R	<u>GAAGCTTGCAATCAATTATTAAGTGATTACATC</u>	+858 to +883
For the -2000/-1 construct		
FynPromo2000-F	<u>CAGATCTATGTTTTATTTAGCACAG</u>	-2000 to -1982
FynPromo1-R	<u>GAAGCTTGCCCCCTCCAGCTCCGGAG</u>	-18 to -1
For the -2000/-501 construct		
FynPromo2000-F	<u>CAGATCTATGTTTTATTTAGCACAG</u>	-2000 to -1982
FynPromo501-R	<u>GAAGCTTAAGAGTACGGAGCAAAGT</u>	-518 to -501
For the -1500/-1 construct		
FynPromo1500-F	<u>CAGATCTTCTGCTCTTGAGATAAGC</u>	-1500 to -1482
FynPromo1-R	<u>GAAGCTTGCCCCCTCCAGCTCCGGAG</u>	-18 to -1
For the -1500/-1 construct		
FynPromo1500-F	<u>CAGATCTTCTGCTCTTGAGATAAGC</u>	-1500 to -1482
FynPromo501-R	<u>GAAGCTTAAGAGTACGGAGCAAAGT</u>	-518 to -501
For the -1000/-1 construct		
FynPromo1000-F	<u>CAGATCTACTTTTCAGTAAACAGGAA</u>	-1000 to -982
FynPromo1-R	<u>GAAGCTTGCCCCCTCCAGCTCCGGAG</u>	-18 to -1
For the -1000/-501 construct		
FynPromo1000-F	<u>CAGATCTACTTTTCAGTAAACAGGAA</u>	-1000 to -982
FynPromo501-R	<u>GAAGCTTAAGAGTACGGAGCAAAGT</u>	-518 to -501
For the -500/-1		

construct		
FynPromo500-F	<u>CAGATCT</u> TTTCAGTTTGATCAAAGAA	-500 to -483
FynPromo1-R	<u>GAAGCTT</u> GCCCCCTCCAGCTCCGGAG	-18 to -1
For the -300/-1 construct		
FynPromo300-F	GAC <u>AGATCT</u> CTTTCTCCCGCCCT	-300 to -284
FynPromo1-R	<u>GAAGCTT</u> GCCCCCTCCAGCTCCGGAG	-18 to -1
For the -200/-1 construct		
FynPromo200-F	GAC <u>AGATCT</u> CCGCACGCACCCTGG	-200 to -185
FynPromo1-R	<u>GAAGCTT</u> GCCCCCTCCAGCTCCGGAG	-18 to -1
For the -200/-51 construct		
FynPromo200-F	GAC <u>AGATCT</u> CCGCACGCACCCTGG	-200 to -185
FynPromo51-R	GAG <u>AAGCTT</u> AGTGACAGGCCCGG	-55 to -51
For the -150/-51 construct		
FynPromo150-F	GAC <u>AGATCT</u> GCGGCCCCACCTACTGC	-150 to -133
FynPromo1-R	<u>GAAGCTT</u> GCCCCCTCCAGCTCCGGAG	-18 to -1
For the -100/-1 construct		
FynPromo100-F	GAC <u>AGATCT</u> GGCTCGCAGCTCCCA	-100 to -85
FynPromo1-R	<u>GAAGCTT</u> GCCCCCTCCAGCTCCGGAG	-18 to -1
For the -50/-1 construct		
FynPromo50-F	GAC <u>AGATCT</u> CGAGGCGCGCCCCGCC	-50 to -31
FynPromo1-R	<u>GAAGCTT</u> GCCCCCTCCAGCTCCGGAG	-18 to -1

Table 2. Oligonucleotide sequences used for mutagenesis of Egr1 and Sp1 binding sites.

Mutagenesis of	Sequence (5'-3')	Position
Sp1 A-F	GC <u>AGATCT</u> GCGG <u>TTT</u> CACCTACTGC	-150 to -133
Sp1 A-R	<u>GAAGCTT</u> GCCCCCTCCAGCTCCGGAG	-18 to -1
Sp1 B-F	GAC <u>AGATCT</u> CGAGGCGCG <u>TTT</u> CGCCC	-50 to -31
Sp1 B-R	<u>GAAGCTT</u> GCCCCCTCCAGCTCCGGAG	-18 to -1

Egr1 Del-F	AGGCGCCAATGGTTGC	-116 to -101
Egr1 Del-R	GGACGGCAGTAGGTGG	-129 to -144

Table 3. Oligonucleotide sequences used for EMSA and CHIP assays.

Oligonucleotide for EMSA	Sequence (5'-3')	Position
Probe(-150/-121)-F	GCGGCCCCACCTACTGCCGTCCC GCCCACG	-150 to -121
Probe(-150/-121)-R	CGTGGGCGGGACGGCAGTAGGTGGGGCCGC	-150 to -121
Probe(-140/-111)-F	CTACTGCCGTCCC GCCCACGCCCCAGGCGC	-140 to -111
Probe(-140/-111)-R	GCGCCTGGGGCGTGGGCGGGACGGCAGTAG	-140 to -111
Probe(-50/-21)-F	CTCGAGGCGCGCCCCGCCCTCCTCGCTC	-50 to -21
Probe(-50/-21)-R	GAGCGAGGAGGGGGCGGGGCGCGCTCGAG	-50 to -21
Sp1-consensus-F	ATTTCGATCGGGGCGGGGCGAGC	
Sp1-consensus-R	GCTCGCCCCGCCCGATCGAAT	
Primers for CHIP		
ChIP-F	AAACACAAAGACCTCC	-250 to -234
ChIP-R	GCCCCCTCCAGCTCCGGAG	-18 to -1