

SUPPLEMENTARY MATERIAL for *Corcoran et al. (2005) Genome Res.* 15:840-847 (version 2.1, June 16th, 2005):

Changes in version 2.1. The version 2 of this Table contains three important changes. First, the species that the numbering is referring to has been added in column #2, with H, M, and R designating human, mouse and rat species, respectively. In some cases, the reported sequence belonged to the wrong species. These cases have now been corrected. Also, note that the numbering is approximate and reflects the consensus numbering in the bibliography. The third important change is that we added the references that were mistakenly omitted from the first version of the Supplementary Table 1 that was released to the Genome Res.

Apologies for any inconvenience.

PREDICTIONS OF FOOTER ON A 72 SITES TEST SET.

Factor	Promoter	Position	Site (experimentally defined)	FOOTER Prediction	Ref
NFAT	IL2 (H)	-45	TATTTTCCCA	TTTTTCC	(Rooney et al. 1995)
	IL2 (H)	-90	TTGAAAATATGTGTAATA	TGAAAAT	(Rooney et al. 1995)
	IL2 (H)	-135	AGGAAAAACAAAGGTAAT	GGAAAAT	(Rooney et al. 1995)
	IL2 (H)	-160	AGAAATTCAGAGAGTCA	<i>not found</i>	(Rooney et al. 1995)
	IL2 (H)	-280	AGGAAAAACTGTTTCATA	GGAAAAA	(Rooney et al. 1995)
	IL2 (H)	-2240		<u>GGAAAAT</u>	
	IL4 (M)	-106	GTAAACTCATTTCCTTGGTTTC	ATTTTCC	(Szabo et al. 1993)
	IL4 (M)	-121	GTAATAAAATTTTCCAATGTAAAC	ATTTTCC	(Szabo et al. 1993)
	IL4 (M)	-238	GGTGTTCATTTCCTCAATGGTCTGA TTTCACAGGAAAATTTACC	ATTTTCC <i>And/Or</i> GGAAAAT	(Szabo et al. 1993)
	IL4 (M)	-287	TATGGTGTAATTCCTATGCTTGA	<i>not found</i>	(Szabo et al. 1993)
	IL4 (M)	-406	GCAGTCCTCCTGGGGAAAGATAGAG TAATATCA	<i>not found</i>	(Burke et al. 2000)
	IL4 (M)	-1226		<u>GGAAAAA</u>	
HNF-1 α	PEPCK (M)	-200	CAACATTCATTAACAACCACAAGTT CAATCATTATCTCCCTGGAGTTTAT	ATTCATTAAC <i>And/Or</i> TTCAATCATT	(Patel et al. 1994)
	G6Pase (H)	-271	CGGGGACCAGGAGGGCAGACCCTTG CACTGCCAAGAAGCATGCCAAAAGTT AATCATTGGCCCTGCTGAGTAC	GTAAATCATT	(Lin et al. 1997)
	G6Pase (H)	-462		<u>AATTAAGAAC</u>	
	Pdx-1 (H)	-2114	AGCCTCTTTTCTTTCTGCAGGGCCG AGCAA AAATATTTAAA TGGAAGCAAA TGAAGCATCGAAATGGAGACCAA	AAATATTA	(Melloul et al. 2002)
	Pdx-1 (H)	-2980	GGTTTTCTCAACTCAGGGCATAATTT TATTTAATTTTTAATAGCAAAGTA ATTTTTGGGATGAATATGGTTTTAAA AATTAAGTTCGTGTAATCCTATC	<i>not found</i>	(Melloul et al. 2002)
HNF3 β	PEPCK (M)	-455	AGCAGGTACAGACATTATCTAGAAG TCTCATGGCTCAGAGCTGAATTTCTT TCTCATGACCTTTGGCCGTGGGAGTG ACACTCACAGCTGTG <u>GTGTTTTGAC</u> <u>A</u> ACCAGCAGCCACCGGCACACAAAA TGTGCAGCC	GTGTTTTGACA	(Croniger et al. 1998)
	Pdx-1 (M)	-2037	GAATAAATGAAGCGTCGAGATGGAA GCCAATTTACCAAAATGCATGCAATT	TAAGCAAACAT	(Melloul et al. 2002)

			AGACCAGAAGTGCT TAAGCAAACATC CTGGGGTGTGGGTTAGGCAGGC		
Pdx-1 (M)	-2657	ACACTTTAATTGGTTTACAGCCTTTTT TTATTTATCCA	(Melloul et al. 2002)		
		TGT TTATTTATCCA TAAGAGCTGC TGTTAAATGGCTCGGGAAGGTGCTC			
Pdx-1 (M)	-3025	GGTTTTCTCAACTCAGGGCATAAATT T TTATTTAATTT	(Melloul et al. 2002))		
		TATTTAATTTT TAATAGCAAAGTA ATTTTTGGGATGAATATGGTTTTAAA AATTAAAGTTCGTGTAATCCTATC			
Pdx-1 (M)	-3065		TGGTTTGCTTT		
C7AH (R)	-175	TCTGTTTGTCTGGAGC	<i>not found</i>	(Crestani et al. 1998)	
C7AH (R)	-16		GTGTTTGCTTT		
C7AH (R)	-225		CTGTTTACTTC		
HNF-3 γ	G6Pase (H)	-100	AGACAAACGTGGTTTTTGAGTCCAAA <i>not found</i> GATCAGGG	(Lin et al. 1997)	
G6Pase (H)	-146	CTGAACATGTTTGCATCAACCTACTG <i>not found</i> GTGAT	(Lin et al. 1997)		
G6Pase (H)	-198	GGCCGATCAGGCTG TTTTTGTGTGC TTTTTGTGTGCCT	(Lin et al. 1997)		
		CTGTTTTTC			
G6Pase (H)	-47		GGGCATATAAAA C		
G6Pase (H)	-1920		GGGAAATTCAGG C		
HNF-4	C7AH (R)	-149	TGGACTTAGTTCA AGGCCGGGTAAT GGACTTAGTTCA	(Crestani et al. 1998)	
C/EBP- α	ACDC (M)	-117	CCCCTCATTGGCTATTGGCCTTGAC TGGCCAAT	(Park et al. 2004)	
		TGGGT TGGCCAAT GGTAAG			
ACDC (M)	-2089		TTTCACAAT		
ACDC (M)	-2017		TTGTGCAAT		
C/EBP- β	PEPCK (M)	-91	CCTGCCCTTACGTCAGAGGCGAGCC <i>not found</i> T	(Croniger et al. 1998)	
PEPCK (M)	-248	AAATG TTGTGTAA GGACTCACTAT TTGTGTAA	(Croniger et al. 1998)		
PEPCK (M)	-332	TGCCCTTGACCCCCACCTGACAATTA TTGCATCA	(Croniger et al. 1998)		
		AGGCAAGAGCCTGCAGT TTGCATCA GCA			
Leptin (M)	-58	GTTGCGCAAG	TTGCGCAA	(Mason et al. 1998)	
IL-6 (H)	-155	TAAAGGACGTCACAT TTGCACAA TCT TTGCACAA	(Xiao et al. 2004)		
		T			
CREB	PEPCK (M)	-91	CCTGCCCT TACGTCAG AGGGCGAGC TACGTC	(Patel et al. 1994)	
		CT			
PEPCK (M)	-455	AGCAGGTACAGACATTATCTAGAAG TGACACC	(Croniger et al. 1998)		
		TTCATGGCTCAGAGCTGAATTTCT TTCATGACCTTTGGCCGTGGGAG TG ACACCT CACAGCTGTGGTGTTTTGAC AACCAGCAGCCACCGGCACACAAAA TGTGCAGCC			
CG- α (M)	-44	AACTGATCTGAGGGTTGCAATGTG GATGTCA	(Fowkes et al. 2002)		
		ATATGATCAATT GATGTCA TGGTAA TTATACCAAGTGCCATCCAATCACT			
CG- α (M)	-132	TCTTCATAAGCTGTCTT TGAGGTCA C GAGGTCA	(Fowkes et al. 2002)		
		CACTACCTCAAAAATGTCTAAAAAC			
CDC212 (H)	-13	TCATCATT AGGCGTCA ACACAGG GCGTCA	(Feng et al. 2004)		
hCG α (H)	-146	AAAT TGACGTC ATGGTAAAAAATTGA TGACGTC	(Ghosh, D et al. 2005, <i>in print</i>)		
		CGTCATGGTAA			
hCG α (H)	-240		TGTCGTC		
BDKRB2 (H)	-94	GATCTAGGCTGGAAGTGGAGGGGGG TGACATCA	(Saifudeen et al. 2005)		
		AGGTGCCAGGAGAGT GATGACATC A			

	IL-6 (H)	-155	TAAAG GACGTCA CATTGCACAATCT T	GACGTCA	(Xiao et al. 2004)
	IL-6 (H)	-1830		TGATGTC	
	CART (M)	-153	CGGCGGGCATT TGACGTCA AACGGCA GC	TGACGTCA	(Lakatos et al. 2002)
GR- α	PEPCK (M)	-455	AGCAGGTACAGACATTATCTAGAAG TCTCATGGCTCAGAGCTGAATTCCT TCTCATGACCTTTGGCCGTGGGAGTG ACACTCACAGCTGTGGTGTTTTGACA ACCAGCAGCCACCGGCACACAAAAT GTGCAGCC	<i>not found</i>	(Croniger et al. 1998)
	PEPCK (M)	-750		TCAGTTTCCT	
T3R- α	PEPCK (M)	-332	TGCCCTTGACCC CCACCTGACAATT AAGGCAAGAGCCTGCAGTTTGCATC AGCA	TGCCCTTGACCC	(Croniger et al. 1998)
Sp1	Leptin (M)	-100	GGGCGG	GGGCGG	(Mason et al. 1998)
	NES (M)	-171	CTTT CCGCCC GGCCGG	CCGCCC	(Cheng et al. 2004)
	NES (M)	-183	TAGGG ACCGCCC CTTTT	CCGCCC	(Cheng et al. 2004)
	NES (M)	-1173		CCTCCC	
	MMP9 (H)	-560	ATTCCTTCCGCCCCAGATG	<i>not found</i>	(Takahra et al. 2004)
	MMP9 (H)	-520		GGGAGG	
SRF	EGR1 (M)	-88	TGCTT CCATATATGG CCATGT	CCATATATGG	(Christy and Nathans 1989)
	EGR1 (M)	-128	GTCCTT CCATATTAGG GCTTCC	CCATATTAGG	(Christy and Nathans 1989)
	EGR1 (M)	-358	CCAGCG CCTTATATGG AGTGGC	CCTTATATGG	(Christy and Nathans 1989)
	EGR1 (M)	-412	GAAACG CCATATAAGG AGCAGG	CCATATAAGG	(Christy and Nathans 1989)
	ACTA1 (H)	-100	ACCAAATATGGCT	CCAAATATGG	(Wasserman and Fickett 1998)
	ACTA1 (H)	-181	CTCCTTCTTTGGTC	CCTTCTTTGG	(Wasserman and Fickett 1998)
	ACTA1 (H)	-227	CTCCATATACGGCC	CCATATACGG	(Wasserman and Fickett 1998)
	CaMh (M)	-62	CTCCAAATTTAGGC	<i>not found</i>	(Molkentin et al. 1996)
	CaMh (M)	-184	CCTTTCATGG	CCTTTCATGG	(Molkentin et al. 1996)
	CKMM (M)	-1236	CCATGTAAGG	CCATGTAAGG	(Amacher et al. 1993)
	CKMM (M)	-178		CCATACAAGG	
MEF-2	CaMh (M)	-328	ATTAAAAATAACT G A	ATTAAAAATAACT	(Molkentin and Markham 1993)
	CaMh (M)	-898		GTGTAAATTGCC C	
	CaMh (M)	-1544		AGCTATATTGAG A	
	CKMM (M)	-1078	TCTAAAAATAACT	TCTAAAAATAACT	(Amacher et al. 1993)
	CKMM (M)	-1194	TGGTTATAATTAACC	GGTTATAATTAAC	(Amacher et al. 1993)
NF-Y	LPL (H)	-65	AGCCAATAGG	AGCCAATAGG	(Previato et al. 1991)
	LPL (H)	-1795		AGCCAATCAG	
	Cyclin B2 (H)	-281	GTGCTAAGAAAAT TAGCCAATGA GAGTGCGAGAGTGCATCTTGTGTTG GCCAATGAG AACAGCGACCCGTGCG CAGGGCCGCCAATGGGGCGCAAGC GACGCGGTAT	AGCCAATGAG <i>And/Or</i> GGCCAATGAG	(Wasner et al. 2003)
	ACDC (M)	-117	CC CACTCATTGGCT ATTGGCCTTGA CTGGGTTGGCCAATGGTAAG	CTCATTGGCT	(Park et al. 2004)
	ACDC (M)	-2229		AACCAAACCG	

NF-κB	IL-6 (H)	-62	GTGGGATTTTCCCA	GGATTTTCCC	
	MMP9 (H)	-600	CCAGTGGGAATTCCCAGCCT	TGGAATTCCC	(Takahra et al. 2004)
	MMP9 (H)	-2112		<u>GGCAAATTCC</u>	
	Vcam-1 (H)	-90	GAAGGTCAGGAAAAGCCAAGAGATTT ATA	GGAAAAGCCA	(Tu et al. 2001)
	iNOS (M)	-114	<u>GGGGACTCTCC</u>	GGGACTCTCC	(Wei et al. 2004)
	iNOS (M)	-1044	GGGGATTTTCC	<i>not found</i>	(Wei et al. 2004)
	iNOS (M)	-936		<u>GGAAAATTCC</u>	
NF-1	PEPCK (M)	-116	TCAGTTCCAAACCTGACCATGGCTA T	GTTCCAA	(Croniger et al. 1998)
GATA-1	Vcam-1 (H)	-117	CAGTAAAGATAGCCTTTTGGAGTCG AAGATGAGGAAAAGCCTGTATTTTA TAGTCTTGGAAGTGTCTTCTTTTGCC AGGACAGAGAGAGGAGCTTCAGCA	AGATAG	(Tu et al. 2001)
GATA-3	CG-α (M)	-346	<u>TTTCTG</u> TTTCTGTGAAATAATGTA ATCCTGAAAATGTTTTTTTTATCCTG CTTTATGAAA	TTTCTG	(Fowkes et al. 2002)
	CG-α (M)	-394		<u>CAGATG</u>	
AP-1	PEPCK (M)	-91	CCTGCCCTTACGTCAGAGGCGAGCC T	<i>not found</i>	(Croniger et al. 1998)
	PEPCK (M)	-285	TTTGCATCAGCAACAGGCAGGGTCA AAGTTAGTCAATC	TTAGTCA	(Croniger et al. 1998)
	Vcam-1 (H)	-346	<u>TGACTCAT</u> CAAAAGAAATAACTTTT TCCTTTCTCTTGTAAGAGA	TGACTCA	(Tu et al. 2001)
	MMP9 (H)	-79	GGAAGCTGAGTCAAGAAGGCT	TGAGTCA	(Takahra et al. 2004)
	MMP9 (H)	-533	TATAAAGCATGAGTCAAGACACCTC	TGAGTCA	(Takahra et al. 2004)

Table Suppl1. Results of FOOTER predictions of known binding sites of various transcription factors. The analysis of twenty four promoter regions is presented. The Table contains the names of the TFs and the name of the gene whose promoter region was analyzed, the position that the site has been identified, the reported sequence in the literature, and the FOOTER prediction. Predictions in **bold letters** are unconfirmed. Unconfirmed predictions in **underlined** letters are outside the promoter regions examined in the corresponding publications. Overall, FOOTER exhibited 83% sensitivity and 72% specificity over the 3 kb region. Note that if two sites are found within a verified binding region it is still considered as only 1 true positive.

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