

Table S2. Common and specific promoter elements in the four TSS types
Minimum 10% of target promoter sequences contain the motif

ATrich_B & D_dwn		ATrich_C & D_up		GCrich_B & A_up		GCrich_C & A_dwn	
Common		Common		Common		Common	
++	AP-4	+-	AP-4	++	ADR1	++	ADR1
++	Dof3	--	BR-C Z4	++	AP-2	++	AP-2
++	E2F-1	++	C/EBPbeta	++	AP-2alpha	++	AP-2alpha
+-	Ets	++	Dof3	++	AP-2gamma	++	AP-2gamma
++	Eve	++	E2F-1	++	AP-4	++	AP-2rep
++	HSF	++	ETS	++	Alfin1	++	AP-4
+-	HSF1	++	Ets	++	COUP	++	COUP
+-	Hb	++	GC box	++	CP2/LBP-1c/LSF	++	CP2/LBP-1c/LSF
+-	PBF	+-	Hb	++	CREB	++	Churchill
++	STAT4	++	IRF	++	Churchill	++	Dde box
++	c-Myb	+-	Knox3	++	Dde box	++	E2F
		+-	Lyf-1	++	E2F	++	E2F-1
		++	MYB	++	E2F-1	++	ETF
		+-	MYBAS1	++	EGR	++	Eve
		++	NF-1	++	ETF	++	FACB
		++	PBF	++	Elk-1	++	GAGA factor
		+-	RFX	++	Ets	++	GC box
		++	STAT3	++	Eve	++	LBP-1
		++	STAT6	++	FACB	++	LF-A1
		++	Sp-1	++	GAGA factor	++	LIM1
		++	Sp1	++	GC box	++	MZF1
		++	Spz1	++	Knox3	++	Muscle initiator
		++	TATA	++	LF-A1	++	RAR
		++	ZF5	++	LIM1	++	RAV1
		++	Zic1	++	MAZ	++	RFX
		++	Zic3	++	MZF1	++	Sp-1
		++	c-Ets-1(p54)	++	Muscle initiator	++	Sp1
				++	NF-1	++	Spz1
				++	PU.1	++	TFII-I
				++	RAR	++	VDR
				++	RAV1	++	ZF5
				++	Sp-1	++	Zic1
				++	Sp1	++	Zic2
				++	Sp3	++	Zic3
				++	Spz1	++	p300
				++	TFII-I	++	p53 decamer
				++	VDR		
				++	ZF5		
				++	Zic1		
				++	Zic2		
				++	Zic3		
				++	c-Ets-1(p54)		
				++	p300		
				++	p53 decamer		
Unique for ATrich_B		Unique for ATrich_C		Unique for GCrich_B		Unique for GCrich_C	
+	AP-2	+	AP-2	+	AP-2rep	+	Ets
-	AP-2gamma	+	AP-2gamma	+	CAC-binding protein	+	HNF-4
-	BR-C Z4	+	Churchill	+	ETS	+	Ik-2
+	C1	+	E2F	+	HNF-4	+	Knox3
+	Churchill	+	Elk-1	-	Ik-2	-	MAF
+	E2F	+	Eve	+	Lyf-1	+	MyoD
-	ETS	+	FACB	+	MYBAS1	+	PPAR
-	FAC1	-	FOXD3	+	P	-	PPAR direct repeat 1
-	FACB	-	HNF-3	+	PPAR	+	STAT3
-	FOXD3	+	HNF-4	-	Pax	+	STAT6
+	GAGA factor	+	Ik-2	+	RFX	+	TTF-1
-	HNF-3	+	NF-AT	+	STAT3	+	XPF-1
+	Helios A	-	PPAR	+	STAT6	-	c-Ets-1(p54)
+	IRF	+	PU.1	-	USF		
-	Ik-2	+	TFIIA				
+	LIM1	+	p300				
-	Lyf-1						
+	MYB						
-	Pax						
-	RFX						
+	STAT3						
+	STAT6						
+	Spz1						
+	VDR						
+	ZF5						
+	Zic1						
+	c-Ets-1(p54)						
+	p300						
Unique for D_dwn		Unique for D_up		Unique for GCrich_A_up		Unique for GCrich_A_dwn	
+	DBP	+	ADR1	+	AHRHIF	+	Adf-1
+	Ncx	+	AP-1	+	CF1 / USP	+	Alfin1
		+	C1	+	Hairy	+	CF1 / USP
		+	C_EBP	+	KROX	+	EGR
		+	HNF-1	+	LBP-1	+	P
		+	TCF11	+	MAZR	+	PCF2
		+	VDR	+	PCF2		
		+	c-Myb	+	USF2		
		+		+	c-Myc:Max		