

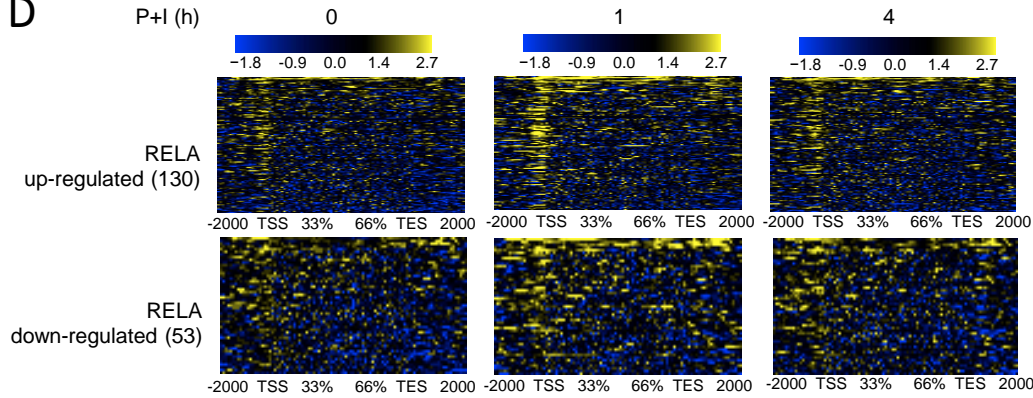
C

dnIkBa $\uparrow$ , RELA peaks (85)

Consensus sequence	P-value	Motif Name
	1e-17	AP.1
	1e-9	NFkB-p50,p52
	1e-9	NFkB-p65

Promoter regions: no significant motif

D



E

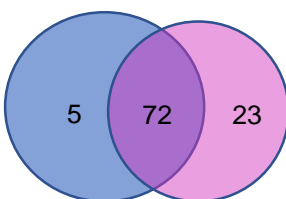
Motif present in >20% of promoters

KLF14	ERG	ZFX	MYB	NFY	FOXA1	NFAT
Maz	AR-halfsite	AP-2alpha	PR	Elk4	SPDEF	STAT4
SCL	CRX	Tgif1	Nkx6.1	Atoh1	Myf5	Lhx1
KLF5	Nkx2.5	Egr1	AMYB	Tcf12	c-Myc	Sox4
Pitx1	ETV1	BMYB	RXR	PPARE	E2A	Sox9
Nkx2.1	KLF3	BMAL1	PU.1-IRF	NPAS	Elk1	
THRb	Ptf1a	Ascl1	ETS1	E2F6	ELF1	
Znf263	AP-2gamma	KLF10	Klf9	GABPA	TATA-Box	
Nanog	Sox10	Ap4	MyoG	Isl1	Etv2	
Bapx1	HEB	Sox3	E2F4	EHF	Rbpj1	
ZNF711	Nkx3.1	Erra	EBF1	Tcf21	Klf4	
Nkx2.2	COUP-TFII	Smad4	Sox6	Atf1	Lhx3	
Smad3	Foxo1	Fli1	Smad2	MyoD	ZNF416	
Tgif2	Sp1	E2A	Meis1	Olig2	GSC	
Tbx5	ZNF467	HIF-1b	NF1-halfsite	Eomes	ELF5	

F

>20 percent have motif on promoters

dnIkBa $\downarrow$ (78)      dnIkBa $\uparrow$ (57)

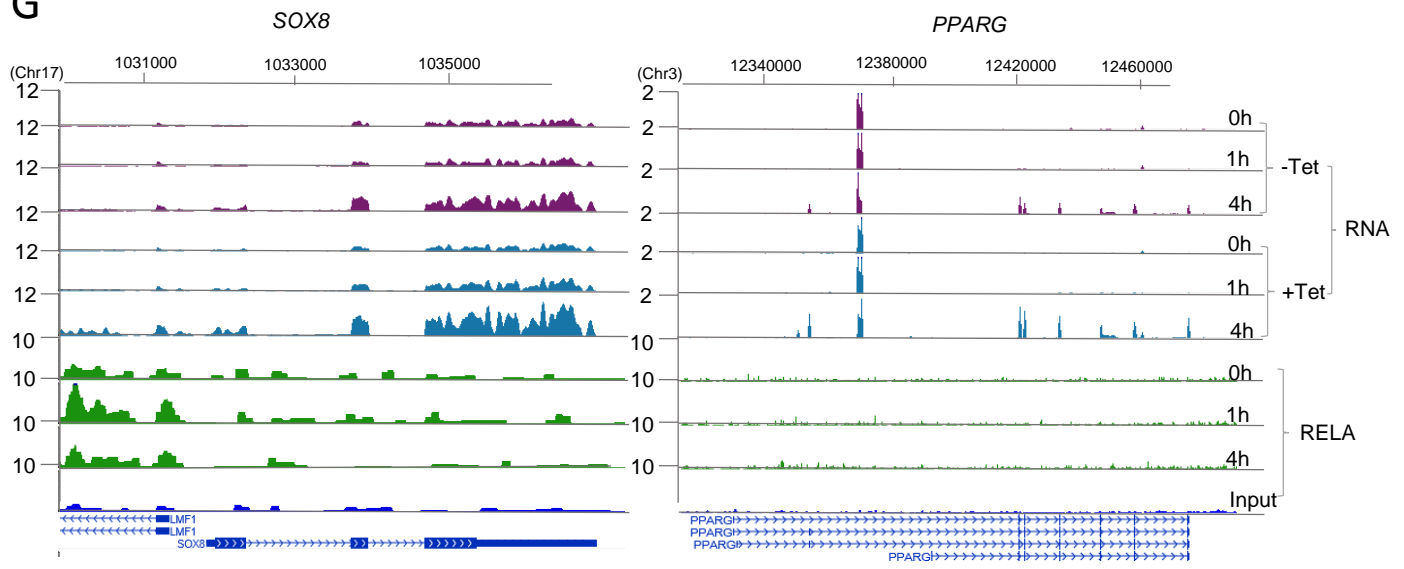


5

MITF
n-Myc
Arnt:Ahr
NPAS2
GATA3

23

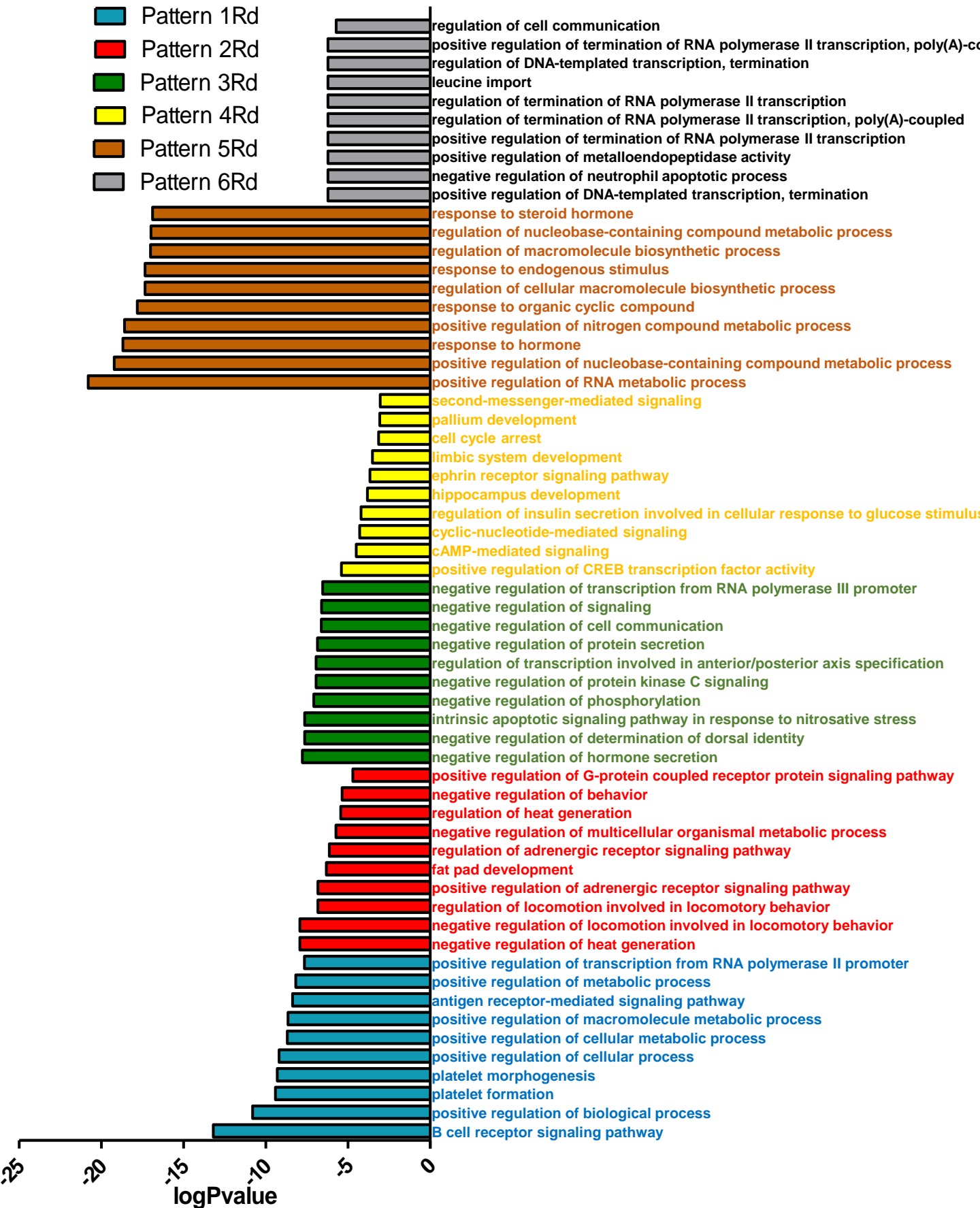
Sox10	Atoh1	FOXA1	NFAT
Sox3	Tcf12	SPDEF	STAT4
RXR	PPARE	Myf5	Lhx1
MyoG	Tcf21	Klf4	Sox4
EBF1	Atf1	Lhx3	Sox9
Sox6	MyoD	ELF5	

**G**

H

85

- Pattern 1Rd
- Pattern 2Rd
- Pattern 3Rd
- Pattern 4Rd
- Pattern 5Rd
- Pattern 6Rd



I

178

