

Table S4: transcription factor consensus sites overrepresented in the conserved beta cell marker genes

Matrix Scan only <i>n</i> =27	Matrix Scan and DiRE <i>n</i> =27	DiRE only <i>n</i> =77
AML1	ATF3	AFP1
AP1 / c-Fos c-Jun	ATF6	IRF1
AP2REP	CREB	S8
AP4	SREBP1	LEF1TCF1
AR	USF	SEF1
AREB6	IPF1/PDX1	MEF3
CLOCK BMAL	GRE	STAF
c-MYC	NFAT	MMEF2
DEC1/DEC2	TAL1	STAT
E2A	MEIS1BHOXA9	NANOG
ICSBP	HLF	TATA
LMO2COM	NKX22	NFE2
MAX	OCT1	TBP
MITF TFE	PR	CDXA
MYOD1	RFX1	NKX61
NERF	MRF2	OCT4
NF-Y	STRA13	TCF4
NNMYC	MYOGENIN	CMAF
NRSE	YY1	OLF1
OSF2	TBX5	TFII
PAX4	TEL2	OTX
PU1	XBP1	TST1
RBPJK	E4F1	E2F1DP1RB
SMAD3	EBOX	PAX6
SZF11	GFI1B	PBX1
TGIF	ARNT/HIF	VBP
ZF5	ETS1	VJUN
	ETS2	PIT1
	CEBP	PITX2
	FOX	XFD1
		ZEC
		ZIC1
		ZID
		HSF
		HTF
		RP58
		RSRFC4
		RUSH1A
		HP1SITEFACTC
		SRF
		SOX9_B1
		SRY