

SI Table 4. List of genes with one or more 4 N[Ets]N + 2 N[Gata]N + 1 N[E-Box]N clusters within a 100-bp window as summarized in Table 3

Gene symbol	Gene name
AT5G2	ATP synthase lipid-binding protein
ADK	Adenosine kinase (Adenosine 5'-phosphotransferase)
ATBF1	Alpha-fetoprotein enhancer binding protein (AT motif-binding factor)
AIP1	Atrophin-1-interacting protein 1
CTBP2	C-terminal binding protein 2 (CtBP2)
DACH1	Dachshund homolog 1 (Dach1)
DAB1	Disabled homolog 1
RIB1	Dolichyl-diphosphooligosaccharide-protein glycosyltransferase
GATA2	Endothelial transcription factor GATA-2
EPHA3	Ephrin type-A receptor 3 precursor (MEK4)
FST	Follistatin precursor (FS) (Activin-binding protein)
FLI1	Friend leukemia integration 1 transcription factor
HS2ST	Heparan sulfate 2-O-sulfotransferase 1 (2-OST)
HXC12	Homeobox protein Hox-C12 (Hox-3.8) (Fragment)
HHEX	Homeobox protein PRH (Hematopoietically expressed homeobox)
JARD2	Jumonji protein (Jumonji/ARID domain-containing protein 2)
LAMC3	Laminin gamma-3 chain precursor (Laminin 12 gamma 3 subunit)
M3K1	Mitogen-activated protein kinase kinase kinase 1 (MEKK 1)
MEF2C	Myocyte-specific enhancer factor 2C
NTNG1	Netrin G1 precursor (Laminin-1)
NRCAM	Neuronal cell adhesion molecule precursor
NTRI	Neurotrimin precursor
PAX2	Paired box protein Pax-2
PHX2B	Paired mesoderm homeobox protein 2B
PBX3	Pre-B-cell leukemia transcription factor 3
CST	Probable transcription factor CST
PCCA	Propionyl-CoA carboxylase alpha chain; mitochondrial precursor
MSI2H	RNA-binding protein Musashi homolog 2 (Musashi-2)
ALIA2	Retinal dehydrogenase 2
SETBP	SET-binding protein (SEB) (Fragment)
ITF2	Transcription factor 4 (Immunoglobulin transcription factor 2)
ETV6	Transcription factor ETV6 (ETS-related protein Tel1) (Tel)
TLE4	Transducin-like enhancer protein 4 (Groucho-related protein 4)
VTIL1A	Vesicle transport through interaction with t-SNAREs homolog 1A
YLPM1	YLP motif containing protein 1 (Nuclear protein ZAP3)
SIP1	Zinc finger homeobox protein 1b (Smad interacting protein 1)
FOG2	Zinc finger protein ZFPM2 (Zinc finger protein multitype 2)

The code N[TFBS]N represents sequence conservation of the transcription factor binding site [TFBS] and flanking nucleotides between human and mouse.