Nvec_v1g19278 (Klf13)
OG: zf−C2H2.HG2.12:KLF9/KLF13/KLF
PFAM: zf−C2H2/zf−C2H2/zf−C2H2
motif: ARCH861_Scrt2/Scrt1
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 1
gene expression correlation: 0.5672
gene score correlation: 0.5450

Nvec_vc1.1_XM_001622271.3 (IRF1−2
OG: IRF.HG1.1:IRF1/IRF2/IRF3/IRF4/IR
PFAM: IRF
motif: ARCH591_ISRE__IRF3__IRF8
TF family: IRF
archetype family: IRF
CisBP assigned: FALSE
rank: 1
gene expression correlation: 0.9443
gene score correlation: 0.8612

Nvec_vc1.1_XM_001623084.3 (Six4/5)
OG: Homeodomains.HG3.24:SIX4/SIX5
PFAM: SIX1_SD/Homeodomain
motif: ARCH1503_Meis3/Meis2/Meis1_
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 3
gene expression correlation: 0.1441
gene score correlation: 0.6040

Nvec_vc1.1_XM_001624716.3 (NvSox1
OG: HMGbox_Sox.HG1.35:SOX1/SOX2
PFAM: HMG_box/SOXp
motif: ARCH67_Oct4:Sox17
TF family: HMGbox_Sox
archetype family: HMGbox_Sox
CisBP assigned: FALSE
rank: 7
gene expression correlation: 0.2863
gene score correlation: 0.3508

Nvec_vc1.1_XM_001625109.3 (Six3/6)
OG: Homeodomains.HG3.30:SIX3/SIX6
PFAM: SIX1_SD/Homeodomain
motif: ARCH146_Alx3/Alx4/Alx1_Barx...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 3
gene expression correlation: 0.6421
gene score correlation: 0.4593

Nvec_vc1.1_XM_001625950.3 (FoxC)
OG: Forkhead.HG1.10:FOXC1/FOXC2
PFAM: Forkhead
motif: ARCH964_Foxc2/Foxc1_Foxg1/G
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: TRUE
rank: 236
gene expression correlation: 0.1667
gene score correlation: 0.1318

Nvec_vc1.1_XM_001627136.3 (Tbx1/10
OG: T−box.HG1.13:TBX1/TBX10/TBX1
PFAM: T−box
motif: ARCH862_Tbx18/Tbx22/Tbx15_T
TF family: T−box
archetype family: T−box
CisBP assigned: FALSE
rank: 1
gene expression correlation: 0.8091
gene score correlation: 0.8869

Nvec_vc1.1_XM_001628635.3 (PAX3/7
OG: Homeodomains.HG2.28:PAX3/PAX
PFAM: PAX/Homeodomain
motif: ARCH873_Pax5/Pax8/Pax2
TF family: Pax/Homeodomain
archetype family: Pax/Homeodomain
CisBP assigned: FALSE
rank: 2
gene expression correlation: −0.2647
gene score correlation: 0.3880

Nvec_vc1.1_XM_001629218.3 (TBX20)
OG: T−box.HG1.13:TBX1/TBX10/TBX1
PFAM: T−box
motif: ARCH862_Tbx18/Tbx22/Tbx15_T
TF family: T−box
archetype family: T−box
CisBP assigned: TRUE
rank: 4
gene expression correlation: 0.2150
gene score correlation: 0.8425

Nvec_vc1.1_XM_001629694.3 (XBP1)
OG: bZIP.HG1.16:XBP1
PFAM: bZIP_1
motif: ARCH949_bZIP48
TF family: bZIP
archetype family: bZIP
CisBP assigned: FALSE
rank: 19
gene expression correlation: 0.5848
gene score correlation: 0.2110

Nvec_vc1.1_XM_001631763.3 (PaxA)
OG: Homeodomains.HG2.49:like:PAX1/
PFAM: PAX
motif: PaxA_streme
TF family: Pax
archetype family: Pax
CisBP assigned: TRUE
rank: 0
gene expression correlation: 0.0973
gene score correlation: 0.0338

Nvec_vc1.1_XM_001632947.3 (NvSoxB
OG: HMGbox_Sox.HG1.35:SOX1/SOX2
PFAM: HMG_box/SOXp
motif: ARCH67_Oct4:Sox17
TF family: HMGbox_Sox
archetype family: HMGbox_Sox
CisBP assigned: FALSE
rank: 5
gene expression correlation: 0.4785
gene score correlation: 0.5753

Nvec_vc1.1_XM_001633014.3 (HSF−lik
OG: HSF.HG1.4:like:HSF1/HSF2/HSF4
PFAM: HSF_DNA−bind
motif: ARCH712_Hsf1/Hsf2/Hsf4/Hsf3
TF family: HSF
archetype family: HSF
CisBP assigned: FALSE
rank: 1585
gene expression correlation: −0.7271
gene score correlation: −0.7261

Nvec_vc1.1_XM_001633819.3 (BHMG1
OG: HLH.HG1.3:BHMG1
PFAM: HLH
motif: ARCH867_ZEB1__PL0011.1_hlh
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 10
gene expression correlation: 0.2948
gene score correlation: 0.6503

Nvec_vc1.1_XM_001634202.3 (Anthox6
OG: Homeodomains.HG1.58:HOXA1/H
PFAM: Homeodomain
motif: ARCH33_Hoxa1/Hoxb1/Hoxd1
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 136
gene expression correlation: −0.1833
gene score correlation: −0.2092

Nvec_vc1.1_XM_001634328.3 (NR12)
OG: zf−C4_Nuclear_receptors.HG1.24:
PFAM: zf−C4/Hormone_recep
motif: NR12_dimont
TF family: zf−C4_Nuclear_receptors
archetype family: zf−C4_Nuclear_recep
CisBP assigned: TRUE
rank: 0
gene expression correlation: 0.0472
gene score correlation: 0.0429

Nvec_vc1.1_XM_001634505.3 (FoxA)
OG: Forkhead.HG1.1:FOXA1/FOXA2/F
PFAM: Forkhead_N/Forkhead/HNF_C
motif: FoxA_dimont
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: FALSE
rank: 0
gene expression correlation: 0.5887
gene score correlation: 0.9010

Nvec_vc1.1_XM_001634715.3 (Lbx)
OG: Homeodomains.HG1.29:LBX1/LBX
PFAM: Homeodomain
motif: ARCH1362_Six1/_Six4/Six5
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 3
gene expression correlation: 0.4567
gene score correlation: 0.5809

Nvec_vc1.1_XM_001634938.2 (Nem64)
OG: HLH.HG1.93:like:SCX/TCF15
PFAM: HLH
motif: ARCH783_bHLH18__MNT
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 33
gene expression correlation: −0.3740
gene score correlation: 0.1754

Nvec_vc1.1_XM_001636889.3 (FoxJ1)
OG: Forkhead.HG1.24:FOXJ1
PFAM: Forkhead
motif: ARCH975_Foxd2/Foxd4/Foxd3/F.
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: FALSE
rank: 1
gene expression correlation: 0.2753
gene score correlation: 0.5114

Nvec_vc1.1_XM_001640809.3 (Myc2)
OG: HLH.HG1.29:MYC/MYCL/MYCN
PFAM: Myc_N/HLH
motif: ARCH783_bHLH18__MNT
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 76
gene expression correlation: 0.5361
gene score correlation: 0.5536

Nvec_vc1.1_XM_001641129.3 (ZNF845
OG: zf−C2H2.HG3.8:like:ZNF770
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−H
motif: ARCH861_Scrt2/Scrt1
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 1
gene expression correlation: 0.6301
gene score correlation: 0.6871

Nvec_vc1.1_XM_001647471.3 (OtxC)
OG: Homeodomains.HG2.46:CRX/OTX
PFAM: Homeodomain
motif: ARCH1539_Nkx2−2/Nkx2−9
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 1
gene expression correlation: 0.3425
gene score correlation: 0.4864

Nvec_vc1.1_XM_032362713.2 (Islet)
OG: Homeodomains.HG2.19:ISL1/ISL2
PFAM: LIM/LIM/Homeodomain
motif: Islet_homer
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 0
gene expression correlation: 0.4282
gene score correlation: 0.4844

Nvec_vc1.1_XM_032363992.2 (Pou4)
OG: Homeodomains.HG4.6:POU4F1/P
PFAM: Pou/Homeodomain
motif: ARCH56_POU4F1
TF family: Pou/Homeodomain
archetype family: Pou/Homeodomain
CisBP assigned: FALSE
rank: 1
gene expression correlation: 0.3129
gene score correlation: 0.8331

Nvec_vc1.1_XM_032364773.2 (NOTO)
OG: Homeodomains.HG1.59:like:NOTO
PFAM: Homeodomain
motif: ARCH281_
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 507
gene expression correlation: 0.1691
gene score correlation: 0.2060

Nvec_vc1.1_XM_032364784.2 (Hhex)
OG: Homeodomains.HG1.28:HHEX
PFAM: Homeodomain
motif: Hhex_dimont
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 0
gene expression correlation: −0.1920
gene score correlation: −0.2400

Nvec_vc1.1_XM_032364887.2 (FoxL2)
OG: Forkhead.HG1.20:FOXL2
PFAM: Forkhead
motif: ARCH1102_Foxa3/Foxa1/Foxa2_
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: TRUE
rank: 9
gene expression correlation: 0.4363
gene score correlation: 0.5721

Nvec_vc1.1_XM_032365096.2 (Rfx4/6/8
OG: RFX.HG1.7:RFX6
PFAM: RFX_DNA_binding
motif: ARCH1359_Rfx1/Rfx3/Rfx2_Rfx6
TF family: RFX
archetype family: RFX
CisBP assigned: TRUE
rank: 122
gene expression correlation: 0.0799
gene score correlation: 0.0302

Nvec_vc1.1_XM_032366098.2 (Ptx1)
OG: HLH.HG1.29:MYC/MYCL/MYCN
PFAM: HLH
motif: ARCH783_bHLH18__MNT
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 54
gene expression correlation: 0.4724
gene score correlation: 0.5380

Nvec_vc1.1_XM_032366733.2 (Anthox1
OG: Homeodomains.HG1.68:AC004080
PFAM: Homeodomain
motif: ARCH1028_Alx3/Alx4/Alx1_Bar...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 2
gene expression correlation: 0.4390
gene score correlation: 0.7194

Nvec_vc1.1_XM_032367288.2 (GATA)
OG: GATA.HG1.5:GATA1/GATA2/GATA3
PFAM: GATA/GATA
motif: ARCH1463_Gata3/Gata1/Gata2
TF family: GATA
archetype family: GATA
CisBP assigned: TRUE
rank: 24
gene expression correlation: 0.4338
gene score correlation: 0.7826

Nvec_vc1.1_XM_032370984.2 (AshA)
OG: HLH.HG1.58:like:ASCL1/ASCL2/A
PFAM: HLH
motif: ARCH867_ZEB1__PL0011.1_hlh
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 4
gene expression correlation: 0.4210
gene score correlation: 0.7871

Nvec_vc1.1_XM_032373618.2 (Nkx−2.2
OG: Homeodomains.HG1.19:NKX2−1/N
PFAM: Homeodomain
motif: Nkx−2.2a_dimont
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 0
gene expression correlation: −0.1778
gene score correlation: 0.1118

Nvec_vc1.1_XM_032374843.2 (Tbx1/10
OG: T−box.HG1.13:TBX1/TBX10/TBX1
PFAM: T−box
motif: ARCH862_Tbx18/Tbx22/Tbx15_T
TF family: T−box
archetype family: T−box
CisBP assigned: FALSE
rank: 1
gene expression correlation: 0.8805
gene score correlation: 0.8708

Nvec_vc1.1_XM_032375228.2 (Rfx4)
OG: RFX.HG1.3:like:RFX4/RFX6/RFX8
PFAM: RFX_DNA_binding
motif: Rfx4_homer
TF family: RFX
archetype family: RFX
CisBP assigned: TRUE
rank: 0
gene expression correlation: 0.7887
gene score correlation: 0.7033

Nvec_vc1.1_XM_032375602.2 (Insm1)
OG: zf−C2H2.HG25.1:INSM1/INSM2
PFAM: zf−C2H2/zf−C2H2/zf−C2H2
motif: ARCH530_Snai2
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 11
gene expression correlation: 0.2967
gene score correlation: 0.5751

Nvec_vc1.1_XM_032375635.2 (OtxB)
OG: Homeodomains.HG2.46:CRX/OTX
PFAM: Homeodomain
motif: ARCH1539_Nkx2−2/Nkx2−9
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 2
gene expression correlation: 0.2212
gene score correlation: 0.4503

Nvec_vc1.1_XM_032376421.2 (Ath−like
OG: HLH.HG1.80:like:NEUROD1/NEUR
PFAM: HLH
motif: ARCH783_bHLH18__MNT
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 4
gene expression correlation: 0.5835
gene score correlation: 0.5588

Nvec_vc1.1_XM_032377358.2 (VAx−EM
OG: Homeodomains.HG1.42:VAX1/VAX
PFAM: Homeodomain
motif: ARCH1552_Pbx4/Pbx2/Pbx1
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 33
gene expression correlation: 0.4494
gene score correlation: 0.4536

Nvec_vc1.1_XM_032377450.2 (Tbx20−
OG: T−box.HG1.13:TBX1/TBX10/TBX1
PFAM: T−box
motif: ARCH862_Tbx18/Tbx22/Tbx15_T
TF family: T−box
archetype family: T−box
CisBP assigned: FALSE
rank: 2
gene expression correlation: 0.7688
gene score correlation: 0.8397

Nvec_vc1.1_XM_032377897.2 (Pea3/E
OG: Ets.HG1.3:ETV1/ETV4/ETV5
PFAM: ETS_PEA3_N/Ets
motif: ARCH593_Elf3/Ehf/Elf5_Erg/F...
TF family: Ets
archetype family: Ets
CisBP assigned: TRUE
rank: 39
gene expression correlation: 0.3484
gene score correlation: 0.4858

Nvec_vc1.1_XM_032378021.2 (Brachyu
OG: T−box.HG1.5:TBX19/TBXT
PFAM: T−box
motif: ARCH833_Tbx18/Tbx22/Tbx15_T
TF family: T−box
archetype family: T−box
CisBP assigned: TRUE
rank: 247
gene expression correlation: 0.6202
gene score correlation: 0.4153

Nvec_vc1.1_XM_032378881.2 (CREB3
OG: bZIP.HG1.15:CREB3/CREB3L1/CR
PFAM: bZIP_1
motif: ARCH1485_Atf3/Jdp2_Fos/Fosb.
TF family: bZIP
archetype family: bZIP
CisBP assigned: FALSE
rank: 14
gene expression correlation: −0.0780
gene score correlation: 0.2122

Nvec_vc1.1_XM_032379465.2 (SoxB2/S
OG: HMGbox_Sox.HG1.19:like:SOX1/S
PFAM: HMG_box
motif: ARCH1040_PB0066.1_Sox17_1
TF family: HMGbox_Sox
archetype family: HMGbox_Sox
CisBP assigned: FALSE
rank: 30
gene expression correlation: 0.1741
gene score correlation: 0.3198

Nvec_vc1.1_XM_032379688.2 (NVHD0
OG: Homeodomains.HG1.39:BARHL1/E
PFAM: Homeodomain
motif: NVHD033−ANTP_dimont
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 0
gene expression correlation: −0.0204
gene score correlation: −0.1806

Nvec_vc1.1_XM_032381908.2 (Hand2)
OG: HLH.HG1.66:like:HAND1/HAND2
PFAM: HLH
motif: ARCH1068_bHLH122
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 129
gene expression correlation: −0.1835
gene score correlation: 0.0932

Nvec_vc1.1_XM_032384221.2 (ETV6/7
OG: Ets.HG1.13:ETV6/ETV7
PFAM: Ets
motif: ARCH551_Elf3/Ehf/Elf5_Etv6
TF family: Ets
archetype family: Ets
CisBP assigned: TRUE
rank: 151
gene expression correlation: 0.2296
gene score correlation: 0.0833

Nvec_vc1.1_XM_032384420.2 (Sp6−9)
OG: zf−C2H2.HG2.14:SP1/SP2/SP3/SP
PFAM: zf−C2H2/zf−C2H2/zf−C2H2_4
motif: ARCH861_Scrt2/Scrt1
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 4
gene expression correlation: 0.6665
gene score correlation: 0.4917

Nvec_vc1.1_XM_032384889.2 (Hes2)
OG: HLH.HG1.63:like:HES5/HES7
PFAM: HLH/Hairy_orange
motif: Hes2_dimont
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 0
gene expression correlation: −0.2340
gene score correlation: 0.0952

Nvec_vc1.1_XM_032384965.2 (BarH−L
OG: Homeodomains.HG1.39:BARHL1/B
PFAM: Homeodomain
motif: ARCH1362_Six1/_Six4/Six5
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 38
gene expression correlation: 0.4628
gene score correlation: 0.6687

Nvec_vc1.1_XM_032385184.2 (Nem24)
OG: HLH.HG1.93:like:SCX/TCF15
PFAM: HLH
motif: ARCH144_BHLHE23
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 242
gene expression correlation: 0.8163
gene score correlation: 0.5597

Nvec_vc1.1_XM_032385185.2 (Nem7)
OG: HLH.HG1.93:like:SCX/TCF15
PFAM: HLH
motif: ARCH144_BHLHE23
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 73
gene expression correlation: 0.8184
gene score correlation: 0.6796

Nvec_vc1.1_XM_032385647.2 (RFX1/2
OG: RFX.HG1.2:RFX1/RFX2/RFX3
PFAM: RFX_DNA_binding
motif: ARCH1359_Rfx1/Rfx3/Rfx2_Rfx6
TF family: RFX
archetype family: RFX
CisBP assigned: TRUE
rank: 1
gene expression correlation: 0.7360
gene score correlation: 0.3637

Nvec_vc1.1_XM_032385706.2 (FoxQ2d
OG: Forkhead.HG1.14:like:FOXN1/FOX
PFAM: Forkhead
motif: FoxQ2d_homer
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: FALSE
rank: 0
gene expression correlation: 0.0957
gene score correlation: 0.0966

Nvec_vc1.1_XM_032385745.2 (Prdm14
OG: zf−C2H2.HG19.1:PRDM14
PFAM: zf−C2H2/zf−C2H2
motif: Prdm14d_dimont
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 0
gene expression correlation: −0.3725
gene score correlation: −0.3515

Nvec_vc1.1_XM_032385896.2 (Cnido−
OG: bZIP.HG1.6:JUN/JUNB/JUND
PFAM: Jun/bZIP_1
motif: ARCH947_Creb3l2/Creb3l1
TF family: bZIP
archetype family: bZIP
CisBP assigned: FALSE
rank: 7
gene expression correlation: −0.3893
gene score correlation: 0.4018

Nvec_vc1.1_XM_032386243.2 (Grainyh
OG: Grainyhead_LSF.HG1.1:GRHL1/GR
PFAM: CP2
motif: ARCH1265_TFCP2__Tcfcp2l1__
TF family: Grainyhead_LSF
archetype family: Grainyhead_LSF
CisBP assigned: FALSE
rank: 311
gene expression correlation: −0.0953
gene score correlation: −0.2438

Nvec_vc1.1_XM_032386947.2 (FoxQ2a
OG: Forkhead.HG1.13:like:FOXN1/FOX
PFAM: Forkhead
motif: ARCH1178_/Sox4/Sox11_Foxd2/
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: FALSE
rank: 105
gene expression correlation: 0.6951
gene score correlation: 0.7580

Nvec_vc1.1_XM_032387167.2 (FoxA/D
OG: Forkhead.HG1.1:FOXA1/FOXA2/F
PFAM: Forkhead
motif: ARCH1102_Foxa3/Foxa1/Foxa2_
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: TRUE
rank: 70
gene expression correlation: 0.0304
gene score correlation: 0.2972

Nvec_vc1.1_XM_032387186.2 (SnailA)
OG: zf−C2H2.HG7.5:SNAI1/SNAI2/SNA
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C
motif: ARCH866_ZNF317
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 251
gene expression correlation: 0.2243
gene score correlation: 0.5220

Nvec_vc1.1_XM_048728028.1 (FoxB)
OG: Forkhead.HG1.1:FOXA1/FOXA2/F
PFAM: Forkhead
motif: ARCH975_Foxd2/Foxd4/Foxd3/F.
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: FALSE
rank: 2
gene expression correlation: 0.1457
gene score correlation: 0.3849

Nvec_vc1.1_XM_048728976.1 (Zic−C)
OG: zf−C2H2.HG4.5:like:ZIC1/ZIC2/ZIC
PFAM: zf_ZIC/zf−C2H2/zf−C2H2
motif: ARCH353_M06062_2.00__M064
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: TRUE
rank: 1
gene expression correlation: 0.2473
gene score correlation: 0.8114

Nvec_vc1.1_XM_048730161.1 (Cnido−
OG: bZIP.HG1.9:like:ATF3/ATF4/ATF5/
PFAM: bZIP_1
motif: ARCH1620_Atf3/Jdp2_Creb3l2/..
TF family: bZIP
archetype family: bZIP
CisBP assigned: TRUE
rank: 737
gene expression correlation: 0.1025
gene score correlation: 0.1851

Nvec_vc1.1_XM_048731137.1 (LMX)
OG: Homeodomains.HG2.20:LHX1/LHX
PFAM: LIM/LIM/Homeodomain
motif: ARCH93_AW822073//Duxf3/Duxb
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 48
gene expression correlation: 0.2805
gene score correlation: 0.5023

Nvec_NVE19743
OG: HLH.HG1.55:like:TCF23/TCF24
PFAM: HLH
motif: ARCH1533_BHLH112
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 20
gene expression correlation: 0.2217
gene score correlation: 0.4324

Nvec_NVE7697
OG: Homeodomains.HG2.24:like:LEUT
PFAM: Homeodomain
motif: ARCH1442_Dmbx1_Gsc2/Gsc//C
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 663
gene expression correlation: 0.0322
gene score correlation: −0.0692

Nvec_v1g210540
OG: HLH.HG1.68:like:ASCL3/ASCL4/A
PFAM: HLH
motif: ARCH867_ZEB1__PL0011.1_hlh
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 4
gene expression correlation: 0.3524
gene score correlation: 0.6331

Nvec_v1g241767
OG: bZIP.HG1.3:like:JUN/JUNB/JUND
PFAM: Jun
motif: ARCH364_Creb3l2/Creb3l1_Cre.
TF family: bZIP
archetype family: bZIP
CisBP assigned: FALSE
rank: 445
gene expression correlation: 0.4073
gene score correlation: 0.0867

Nvec_v1g244929
OG: zf−C2H2.HG1.14:like:AC008758.1/
PFAM: zf−C2H2/zf−C2H2
motif: ARCH1368_M04483_2.00__M04
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 99
gene expression correlation: −0.0487
gene score correlation: 0.1443

Nvec_v1g99666
OG: HLH.HG1.93:like:SCX/TCF15
PFAM: HLH
motif: ARCH1533_BHLH112
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 33
gene expression correlation: 0.2730
gene score correlation: 0.4211

Nvec_vc1.1_XM_001618929.3
OG: zf−C2H2.HG10.1:ZFP3/ZNF319/ZN
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C
motif: ARCH523_Yy1
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 2
gene expression correlation: −0.1029
gene score correlation: 0.7531

Nvec_vc1.1_XM_001623127.3
OG: Forkhead.HG1.31:like:FOXO1/FOX
PFAM: Forkhead
motif: ARCH1397_RBFox2__OCT:OCT-
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: FALSE
rank: 10
gene expression correlation: 0.5319
gene score correlation: 0.5595

Nvec_vc1.1_XM_001623467.3
OG: bZIP.HG1.12:CREBZF
PFAM: bZIP_2
motif: Nvec_vc1.1_XM_001623467.3_b
TF family: bZIP
archetype family: bZIP
CisBP assigned: FALSE
rank: 0
gene expression correlation: 0.0612
gene score correlation: −0.0692

Nvec_vc1.1_XM_001623946.3
OG: Homeodomains.HG2.11:DUX4/DU
PFAM: Homeodomain
motif: ARCH18_Alx3/Alx4/Alx1_Barx2...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 4
gene expression correlation: −0.3688
gene score correlation: 0.1628

Nvec_vc1.1_XM_001624046.3
OG: Forkhead.HG1.33:like:FOXO1/FOX
PFAM: Forkhead
motif: ARCH954_Foxn4/Foxn1
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: FALSE
rank: 12
gene expression correlation: −0.1284
gene score correlation: 0.3001

Nvec_vc1.1_XM_001624560.3
OG: Homeodomains.HG2.3:like:AC0252
PFAM: PAX/Homeodomain
motif: ARCH272_Pax5/Pax8/Pax2
TF family: Pax/Homeodomain
archetype family: Pax/Homeodomain
CisBP assigned: FALSE
rank: 330
gene expression correlation: −0.0015
gene score correlation: 0.0071

Nvec_vc1.1_XM_001624689.3
OG: Forkhead.HG1.26:FOXM1
PFAM: Forkhead
motif: ARCH968_Foxa3/Foxa1/Foxa2_F
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: TRUE
rank: 12
gene expression correlation: 0.5171
gene score correlation: 0.2425

Nvec_vc1.1_XM_001624941.3
OG: zf−C2H2.HG19.1:PRDM14
PFAM: zf−C2H2/zf−C2H2/zf−C2H2
motif: ARCH470_Snai2
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 893
gene expression correlation: 0.4888
gene score correlation: −0.1633

Nvec_vc1.1_XM_001625118.3
OG: HSF.HG1.0:like:HSF1/HSF2/HSF4/
PFAM: HSF_DNA−bind
motif: ARCH729_Hsf1/Hsf2/Hsf4/Hsf3
TF family: HSF
archetype family: HSF
CisBP assigned: FALSE
rank: 951
gene expression correlation: −0.0072
gene score correlation: −0.1856

Nvec_vc1.1_XM_001625254.3
OG: HMGbox_Sox.HG1.55:TFAM/UBTF
PFAM: HMG_box/HMG_box
motif: ARCH76_CES−1__PB0171.1_Sc
TF family: HMGbox_Sox
archetype family: HMGbox_Sox
CisBP assigned: FALSE
rank: 125
gene expression correlation: 0.3891
gene score correlation: 0.3505

Nvec_vc1.1_XM_001625437.3
OG: Myb.HG2.3:NA
PFAM: MADF_DNA_bdg
motif: ARCH1526_Mybl2/Myb/Mybl1
TF family: Myb
archetype family: Myb
CisBP assigned: FALSE
rank: 93
gene expression correlation: 0.1441
gene score correlation: −0.0485

Nvec_vc1.1_XM_001625588.3
OG: Runt_Runx.HG1.0:RUNX1/RUNX2
PFAM: Runt
motif: ARCH1267_Runx3/Runx2/Runx1
TF family: Runt_Runx
archetype family: Runt_Runx
CisBP assigned: TRUE
rank: 1
gene expression correlation: 0.6593
gene score correlation: 0.7608

Nvec_vc1.1_XM_001625754.3
OG: Homeodomains.HG2.6:like:AC0252
PFAM: Homeodomain
motif: ARCH273_HOXD3
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 56
gene expression correlation: 0.6283
gene score correlation: 0.6344

Nvec_vc1.1_XM_001625768.3
OG: Homeodomains.HG1.5:like:AC0040
PFAM: Homeodomain
motif: ARCH273_HOXD3
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 53
gene expression correlation: 0.6300
gene score correlation: 0.6477

Nvec_vc1.1_XM_001625898.3
OG: Homeodomains.HG1.62:like:MEOX
PFAM: Homeodomain
motif: ARCH1362_Six1/_Six4/Six5
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 2
gene expression correlation: 0.4465
gene score correlation: 0.7179

Nvec_vc1.1_XM_001625899.3
OG: Homeodomains.HG1.65:like:MEOX
PFAM: Homeodomain
motif: ARCH1362_Six1/_Six4/Six5
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 2
gene expression correlation: 0.4439
gene score correlation: 0.7967

Nvec_vc1.1_XM_001625997.3
OG: Homeodomains.HG1.19:NKX2−1/N
PFAM: Homeodomain
motif: ARCH1521_Nkx2−2/Nkx2−9
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 1
gene expression correlation: 0.2306
gene score correlation: 0.7420

Nvec_vc1.1_XM_001625998.3
OG: Homeodomains.HG1.19:NKX2−1/N
PFAM: Homeodomain
motif: ARCH167_Nanog
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 1
gene expression correlation: 0.3106
gene score correlation: 0.7221

Nvec_vc1.1_XM_001626384.3
OG: Homeodomains.HG3.31:SIX1/SIX2
PFAM: SIX1_SD/Homeodomain
motif: ARCH1362_Six1/_Six4/Six5
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 1
gene expression correlation: 0.4567
gene score correlation: 0.7907

Nvec_vc1.1_XM_001626717.3
OG: T−box.HG1.4:like:EOMES/TBR1/T
PFAM: T−box
motif: Nvec_vc1.1_XM_001626717.3_T
TF family: T−box
archetype family: T−box
CisBP assigned: FALSE
rank: 0
gene expression correlation: 0.0212
gene score correlation: −0.0371

Nvec_vc1.1_XM_001626820.3
OG: T−box.HG1.2:like:MGA/TBX1/TBX2
PFAM: T−box
motif: ARCH834_Tbx10/Tbx1
TF family: T−box
archetype family: T−box
CisBP assigned: FALSE
rank: 53
gene expression correlation: −0.4064
gene score correlation: 0.0083

Nvec_vc1.1_XM_001627049.3
OG: HLH.HG1.19:HELT
PFAM: HLH/Hairy_orange
motif: Nvec_vc1.1_XM_001627049.3_H
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 0
gene expression correlation: −0.0103
gene score correlation: −0.1959

Nvec_vc1.1_XM_001627072.3
OG: Forkhead.HG1.17:like:FOXI1/FOXI
PFAM: Forkhead
motif: ARCH1016_Foxa3/Foxa1/Foxa2_
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: TRUE
rank: 486
gene expression correlation: −0.0360
gene score correlation: −0.0124

Nvec_vc1.1_XM_001627361.3
OG: zf−C2H2.HG74.0:NA
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C
motif: ARCH419_Yy1
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 2
gene expression correlation: 0.0859
gene score correlation: 0.5764

Nvec_vc1.1_XM_001627423.3
OG: HMGbox_Sox.HG1.10:BBX
PFAM: HMG_box
motif: ARCH1040_PB0066.1_Sox17_1
TF family: HMGbox_Sox
archetype family: HMGbox_Sox
CisBP assigned: FALSE
rank: 92
gene expression correlation: 0.3341
gene score correlation: 0.2784

Nvec_vc1.1_XM_001627544.3
OG: Homeodomains.HG2.58:UNCX
PFAM: Homeodomain
motif: ARCH637_Six1/_Six3/Six6_Six...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 2
gene expression correlation: 0.1715
gene score correlation: 0.8570

Nvec_vc1.1_XM_001627629.3
OG: Forkhead.HG1.30:like:FOXO1/FOX
PFAM: Forkhead
motif: ARCH829_PB0121.1_Foxj3_2
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: FALSE
rank: 15
gene expression correlation: 0.0336
gene score correlation: 0.3949

Nvec_vc1.1_XM_001627662.3
OG: E2F_TDP.HG1.3:E2F4/E2F5
PFAM: E2F_TDP/E2F_CC−MB
motif: ARCH1220_/E2f4_E2f6_E2f8/E2f
TF family: E2F_TDP
archetype family: E2F_TDP
CisBP assigned: TRUE
rank: 286
gene expression correlation: 0.1780
gene score correlation: 0.3147

Nvec_vc1.1_XM_001627792.3
OG: Forkhead.HG1.12:FOXN1/FOXN4/
PFAM: Forkhead
motif: ARCH954_Foxn4/Foxn1
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: TRUE
rank: 1632
gene expression correlation: −0.2053
gene score correlation: −0.2939

Nvec_vc1.1_XM_001627907.3
OG: zf−C2H2.HG1.8:ZNF18/ZNF513/ZN
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C
motif: ARCH1201_Gfi1b/Gfi1
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 50
gene expression correlation: −0.0932
gene score correlation: 0.6801

Nvec_vc1.1_XM_001628041.3
OG: HMGbox_Sox.HG1.24:HMGB1/HM
PFAM: HMG_box_2/HMG_box
motif: ARCH76_CES−1__PB0171.1_Sc
TF family: HMGbox_Sox
archetype family: HMGbox_Sox
CisBP assigned: FALSE
rank: 63
gene expression correlation: 0.7020
gene score correlation: 0.4808

Nvec_vc1.1_XM_001628045.2
OG: zf−C2H2.HG2.4:MTF1/ZNF76/ZNF
PFAM: zf−C2H2/zf−C2H2
motif: ARCH1256_Yy1
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 4
gene expression correlation: 0.2079
gene score correlation: 0.6019

Nvec_vc1.1_XM_001628087.3
OG: Doublesex_DM.HG1.12:DMRTA1/D
PFAM: DM/DMA
motif: Nvec_vc1.1_XM_001628087.3_D
TF family: Doublesex_DM
archetype family: Doublesex_DM
CisBP assigned: TRUE
rank: 0
gene expression correlation: −0.1192
gene score correlation: −0.0010

Nvec_vc1.1_XM_001628278.3
OG: HLH.HG1.75:like:ATOH8
PFAM: HLH
motif: ARCH144_BHLHE23
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 716
gene expression correlation: 0.8053
gene score correlation: 0.1069

Nvec_vc1.1_XM_001628279.3
OG: HLH.HG1.76:ATOH8
PFAM: HLH
motif: ARCH867_ZEB1__PL0011.1_hlh
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 10
gene expression correlation: 0.4179
gene score correlation: 0.5159

Nvec_vc1.1_XM_001628300.3
OG: HLH.HG1.84:NEUROG1/NEUROG
PFAM: HLH
motif: ARCH144_BHLHE23
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 1334
gene expression correlation: 0.7976
gene score correlation: 0.0098

Nvec_vc1.1_XM_001628319.3
OG: Forkhead.HG1.25:FOXJ2/FOXJ3
PFAM: Forkhead
motif: ARCH975_Foxd2/Foxd4/Foxd3/F.
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: TRUE
rank: 1560
gene expression correlation: 0.4451
gene score correlation: −0.1643

Nvec_vc1.1_XM_001628481.3
OG: Homeodomains.HG1.72:like:NOTO
PFAM: Homeodomain
motif: ARCH927_Emx1/Emx2_Gbx1/Gb
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 239
gene expression correlation: 0.1963
gene score correlation: 0.3670

Nvec_vc1.1_XM_001628634.3
OG: Homeodomains.HG2.28:PAX3/PAX
PFAM: PAX/Homeodomain
motif: ARCH873_Pax5/Pax8/Pax2
TF family: Pax/Homeodomain
archetype family: Pax/Homeodomain
CisBP assigned: FALSE
rank: 2
gene expression correlation: 0.4342
gene score correlation: 0.4179

Nvec_vc1.1_XM_001628645.3
OG: zf−C2H2.HG1.88:MYNN
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−H
motif: ARCH923_Zfp239//Zfp942/Zfp9...
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 29
gene expression correlation: 0.4495
gene score correlation: 0.3744

Nvec_vc1.1_XM_001628705.3
OG: zf−C2H2.HG1.119:PRDM4
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C
motif: ARCH1260_Yy1
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 4
gene expression correlation: −0.0811
gene score correlation: 0.2109

Nvec_vc1.1_XM_001628946.3
OG: bZIP.HG1.19:ATF6/ATF6B
PFAM: bZIP_1
motif: ARCH746_bZIP18__MYF5
TF family: bZIP
archetype family: bZIP
CisBP assigned: FALSE
rank: 81
gene expression correlation: −0.0794
gene score correlation: 0.3382

Nvec_vc1.1_XM_001628964.3
OG: Forkhead.HG1.23:FOXK1/FOXK2
PFAM: FHA/Forkhead
motif: ARCH975_Foxd2/Foxd4/Foxd3/F.
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: TRUE
rank: 115
gene expression correlation: 0.1873
gene score correlation: 0.2377

Nvec_vc1.1_XM_001628971.3
OG: zf−C2H2.HG1.87:like:AC008758.1/
PFAM: zf−met/zf−C2H2/zf−C2H2_4/zf−
motif: ARCH804_PB0207.1_Zic3_2
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 33
gene expression correlation: 0.0261
gene score correlation: 0.3932

Nvec_vc1.1_XM_001629480.3
OG: HLH.HG1.0:AC019117.4/AHR/AHR
PFAM: HLH/PAS/PAS_11
motif: ARCH473_bHLH80__ZSCAN4
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 454
gene expression correlation: 0.0025
gene score correlation: 0.3991

Nvec_vc1.1_XM_001629572.3
OG: Grainyhead_LSF.HG1.0:TFCP2/TF
PFAM: CP2/SAM_3
motif: ARCH1265_TFCP2__Tcfcp2l1__
TF family: Grainyhead_LSF
archetype family: Grainyhead_LSF
CisBP assigned: FALSE
rank: 465
gene expression correlation: −0.1088
gene score correlation: 0.0203

Nvec_vc1.1_XM_001629605.3
OG: SMAD_MH1.HG1.2:like:SMAD4
PFAM: MH1/MH1/zf−HC5HC2H_2/PHD
motif: ARCH662_Smad4
TF family: SMAD_MH1
archetype family: SMAD_MH1
CisBP assigned: TRUE
rank: 561
gene expression correlation: 0.1545
gene score correlation: 0.3355

Nvec_vc1.1_XM_001630131.3
OG: ARID_BRIGHT.HG1.2:ARID4A/ARI
PFAM: RBB1NT/ARID/Tudor−knot
motif: ARCH64_Arid2_Arid3c/Arid3a/...
TF family: ARID_BRIGHT
archetype family: ARID_BRIGHT
CisBP assigned: FALSE
rank: 62
gene expression correlation: 0.1895
gene score correlation: 0.5215

Nvec_vc1.1_XM_001630333.3
OG: Myb.HG1.0:CDC5L
PFAM: Myb_DNA−bind_6/Myb_Cef
motif: ARCH1062_Cdc5lrt1/Cdc5lrt10...
TF family: Myb
archetype family: Myb
CisBP assigned: TRUE
rank: 501
gene expression correlation: 0.0854
gene score correlation: −0.2438

Nvec_vc1.1_XM_001630356.3
OG: GATA.HG1.4:ZGLP1
PFAM: GATA
motif: ARCH1449_Gata3/Gata1/Gata2
TF family: GATA
archetype family: GATA
CisBP assigned: FALSE
rank: 587
gene expression correlation: −0.0825
gene score correlation: −0.0864

Nvec_vc1.1_XM_001630363.3
OG: Forkhead.HG1.29:FOXO1/FOXO3/
PFAM: Forkhead/FOXO−TAD
motif: ARCH829_PB0121.1_Foxj3_2
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: FALSE
rank: 2
gene expression correlation: 0.4145
gene score correlation: 0.5239

Nvec_vc1.1_XM_001630519.3
OG: Homeodomains.HG1.49:like:NOTO
PFAM: Homeodomain
motif: ARCH17_Alx3/Alx4/Alx1_Barx2...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 127
gene expression correlation: 0.6429
gene score correlation: 0.1103

Nvec_vc1.1_XM_001630559.3
OG: zf−C2H2.HG19.0:ZNF496
PFAM: zf−C2H2/zf−C2H2_4/zf−C2H2/z
motif: ARCH1274_ZNF528
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 311
gene expression correlation: 0.0898
gene score correlation: 0.3889

Nvec_vc1.1_XM_001630676.3
OG: Homeodomains.HG2.68:like:ARX/C
PFAM: Homeodomain
motif: Nvec_vc1.1_XM_001630676.3_H
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 0
gene expression correlation: −0.1603
gene score correlation: 0.3927

Nvec_vc1.1_XM_001630974.3
OG: Myb.HG1.23:TERB1/TERF2
PFAM: Myb_DNA−binding
motif: ARCH1391_MYB113
TF family: Myb
archetype family: Myb
CisBP assigned: FALSE
rank: 609
gene expression correlation: 0.7120
gene score correlation: 0.1823

Nvec_vc1.1_XM_001631093.3
OG: bZIP.HG1.17:ATF3/JDP2
PFAM: bZIP_1
motif: ARCH1610_Atf3/Jdp2_Atf7/Gm2.
TF family: bZIP
archetype family: bZIP
CisBP assigned: TRUE
rank: 804
gene expression correlation: 0.0792
gene score correlation: 0.0604

Nvec_vc1.1_XM_001631173.3
OG: Homeodomains.HG2.62:VSX1/VSX
PFAM: Homeodomain
motif: ARCH335_Alx3/Alx4/Alx1_Barx...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 28
gene expression correlation: 0.2733
gene score correlation: 0.4946

Nvec_vc1.1_XM_001631326.3
OG: HLH.HG1.72:BHLHA9
PFAM: HLH
motif: ARCH1533_BHLH112
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 81
gene expression correlation: 0.3473
gene score correlation: 0.3632

Nvec_vc1.1_XM_001631375.3
OG: Homeodomains.HG2.70:ARX
PFAM: Homeodomain/OAR
motif: ARCH216_Alx3/Alx4/Alx1_Barx...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 53
gene expression correlation: 0.1499
gene score correlation: 0.1578

Nvec_vc1.1_XM_001631403.3
OG: HLH.HG1.14:MLXIP/MLXIPL
PFAM: HLH
motif: ARCH1068_bHLH122
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 907
gene expression correlation: 0.3110
gene score correlation: −0.0959

Nvec_vc1.1_XM_001631543.3
OG: bZIP.HG1.15:CREB3/CREB3L1/CR
PFAM: bZIP_1
motif: ARCH1620_Atf3/Jdp2_Creb3l2/..
TF family: bZIP
archetype family: bZIP
CisBP assigned: TRUE
rank: 93
gene expression correlation: −0.0972
gene score correlation: 0.3912

Nvec_vc1.1_XM_001631607.3
OG: SMAD_MH1.HG1.5:like:SMAD1/SM
PFAM: MH1/MH2
motif: ARCH733_Smad2/Smad3_Smad
TF family: SMAD_MH1
archetype family: SMAD_MH1
CisBP assigned: TRUE
rank: 125
gene expression correlation: −0.3080
gene score correlation: 0.1206

Nvec_vc1.1_XM_001631673.3
OG: Homeodomains.HG2.20:LHX1/LHX
PFAM: LIM/LIM/Homeodomain
motif: ARCH52_Alx3/Alx4/Alx1_Barx2...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 12
gene expression correlation: 0.5049
gene score correlation: 0.5704

Nvec_vc1.1_XM_001632367.3
OG: Homeodomains.HG1.19:NKX2−1/N
PFAM: Homeodomain
motif: ARCH167_Nanog
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 2
gene expression correlation: 0.3004
gene score correlation: 0.4380

Nvec_vc1.1_XM_001632368.2
OG: Homeodomains.HG1.19:NKX2−1/N
PFAM: Homeodomain
motif: ARCH1520_Nkx2−2/Nkx2−9
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 1
gene expression correlation: 0.0865
gene score correlation: 0.6124

Nvec_vc1.1_XM_001632824.3
OG: T−box.HG1.13:TBX1/TBX10/TBX1
PFAM: T−box
motif: ARCH862_Tbx18/Tbx22/Tbx15_T
TF family: T−box
archetype family: T−box
CisBP assigned: TRUE
rank: 10
gene expression correlation: 0.0062
gene score correlation: 0.3319

Nvec_vc1.1_XM_001632826.3
OG: HLH.HG1.67:HAND1/HAND2
PFAM: HLH
motif: ARCH1068_bHLH122
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 138
gene expression correlation: 0.5281
gene score correlation: 0.1558

Nvec_vc1.1_XM_001632929.3
OG: Homeodomains.HG2.41:SHOX/SH
PFAM: Homeodomain
motif: Shox2_homer
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 0
gene expression correlation: −0.1249
gene score correlation: −0.1388

Nvec_vc1.1_XM_001633156.3
OG: T−box.HG1.1:like:MGA/TBX1/TBX2
PFAM: T−box
motif: ARCH839_Tbx10/Tbx1_Tbx18/Tb
TF family: T−box
archetype family: T−box
CisBP assigned: FALSE
rank: 120
gene expression correlation: 0.6330
gene score correlation: 0.3743

Nvec_vc1.1_XM_001633273.3
OG: bZIP.HG1.17:ATF3/JDP2
PFAM: bZIP_1
motif: ARCH1611_Fos/Fosb/Fosl1/Fosl2
TF family: bZIP
archetype family: bZIP
CisBP assigned: TRUE
rank: 1
gene expression correlation: −0.0562
gene score correlation: 0.5307

Nvec_vc1.1_XM_001633393.3
OG: bZIP.HG1.18:ATF1/CREB1/CREM
PFAM: pKID/bZIP_1
motif: ARCH1608_Atf3/Jdp2_Crem/Cre
TF family: bZIP
archetype family: bZIP
CisBP assigned: TRUE
rank: 280
gene expression correlation: −0.0380
gene score correlation: 0.1611

Nvec_vc1.1_XM_001633398.3
OG: zf−C2H2.HG19.1:PRDM14
PFAM: zf−H2C2_2/zf−C2H2
motif: ARCH1201_Gfi1b/Gfi1
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 208
gene expression correlation: 0.6910
gene score correlation: 0.2942

Nvec_vc1.1_XM_001633482.3
OG: CSD.HG1.6:YBX1/YBX2/YBX3
PFAM: CSD
motif: ARCH465_M03713_2.00
TF family: CSD
archetype family: CSD
CisBP assigned: FALSE
rank: 171
gene expression correlation: 0.2149
gene score correlation: −0.5062

Nvec_vc1.1_XM_001633504.3
OG: zf−C2H2.HG10.1:ZFP3/ZNF319/ZN
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C
motif: ARCH1206_M08277_2.00__M08
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 1
gene expression correlation: 0.3786
gene score correlation: 0.5837

Nvec_vc1.1_XM_001633508.3
OG: zf−C2H2.HG1.3:ZBTB3
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C
motif: ARCH523_Yy1
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 2
gene expression correlation: 0.1140
gene score correlation: 0.4187

Nvec_vc1.1_XM_001633541.3
OG: Homeodomains.HG3.5:like:IRX1/IR
PFAM: SIX1_SD/Homeobox_KN
motif: ARCH273_HOXD3
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 57
gene expression correlation: 0.6265
gene score correlation: 0.6181

Nvec_vc1.1_XM_001633762.3
OG: HMGbox_Sox.HG1.37:like:SSRP1
PFAM: HMG_box/HMG_box
motif: ARCH1189_PB0074.1_Sox8_1
TF family: HMGbox_Sox
archetype family: HMGbox_Sox
CisBP assigned: FALSE
rank: 58
gene expression correlation: 0.0680
gene score correlation: 0.3528

Nvec_vc1.1_XM_001633772.3
OG: zf−C2H2.HG4.1:like:GLI1/GLI2/GL
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C
motif: ARCH1274_ZNF528
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 46
gene expression correlation: −0.3081
gene score correlation: 0.3222

Nvec_vc1.1_XM_001633894.3
OG: AP−2.HG1.0:TFAP2A/TFAP2B/TFA
PFAM: TF_AP−2
motif: ARCH387_TFAP2E
TF family: AP2
archetype family: AP2
CisBP assigned: FALSE
rank: 3
gene expression correlation: 0.3949
gene score correlation: 0.5745

Nvec_vc1.1_XM_001633901.3
OG: T−box.HG1.11:TBX2/TBX3
PFAM: T−box
motif: ARCH484_Tbx3/Tbx2
TF family: T−box
archetype family: T−box
CisBP assigned: TRUE
rank: 172
gene expression correlation: 0.3912
gene score correlation: 0.2239

Nvec_vc1.1_XM_001633902.3
OG: T−box.HG1.12:TBX4/TBX5
PFAM: T−box
motif: ARCH837_Tbx10/Tbx1_Tbx18/Tb
TF family: T−box
archetype family: T−box
CisBP assigned: FALSE
rank: 63
gene expression correlation: 0.6493
gene score correlation: 0.1389

Nvec_vc1.1_XM_001633995.3
OG: Homeodomains.HG3.22:IRX1/IRX2
PFAM: Homeobox_KN
motif: ARCH126_Pbx4/Pbx2/Pbx1
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 35
gene expression correlation: −0.0557
gene score correlation: 0.5510

Nvec_vc1.1_XM_001634111.3
OG: Forkhead.HG1.1:FOXA1/FOXA2/F
PFAM: Forkhead
motif: Nvec_vc1.1_XM_001634111.3_F
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: FALSE
rank: 0
gene expression correlation: 0.4482
gene score correlation: 0.0693

Nvec_vc1.1_XM_001634116.3
OG: Homeodomains.HG2.70:ARX
PFAM: Homeodomain/OAR
motif: ARCH1020_Alx3/Alx4/Alx1_Bar...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 97
gene expression correlation: 0.2242
gene score correlation: −0.1002

Nvec_vc1.1_XM_001634132.3
OG: zf−C2H2.HG2.14:SP1/SP2/SP3/SP
PFAM: zf−C2H2/zf−C2H2
motif: ARCH405_Sp6/Sp5_Sp7/Sp8/Sp
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: TRUE
rank: 860
gene expression correlation: −0.2721
gene score correlation: −0.1249

Nvec_vc1.1_XM_001634160.3
OG: Homeodomains.HG2.57:RAX/RAX
PFAM: Homeodomain/OAR
motif: Rax_streme
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 0
gene expression correlation: 0.0139
gene score correlation: 0.0974

Nvec_vc1.1_XM_001634198.3
OG: Homeodomains.HG1.70:HOXA2/H
PFAM: Homeodomain
motif: ARCH1362_Six1/_Six4/Six5
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 1
gene expression correlation: 0.5059
gene score correlation: 0.8221

Nvec_vc1.1_XM_001634199.3
OG: Homeodomains.HG1.70:HOXA2/H
PFAM: Homeodomain
motif: ARCH1362_Six1/_Six4/Six5
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 2
gene expression correlation: 0.4663
gene score correlation: 0.7923

Nvec_vc1.1_XM_001634326.3
OG: bZIP.HG2.0:like:CEBPA/CEBPB/CI
PFAM: bZIP_2
motif: ARCH1064_M06023_2.00__M02
TF family: bZIP
archetype family: bZIP
CisBP assigned: TRUE
rank: 239
gene expression correlation: 0.1233
gene score correlation: 0.2459

Nvec_vc1.1_XM_001634460.3
OG: bZIP.HG2.13:like:DBP/HLF/TEF
PFAM: bZIP_2
motif: ARCH952_Fos/Fosb/Fosl1/Fosl...
TF family: bZIP
archetype family: bZIP
CisBP assigned: FALSE
rank: 98
gene expression correlation: −0.0951
gene score correlation: 0.4813

Nvec_vc1.1_XM_001634550.3
OG: HLH.HG1.53:HES5/HES7
PFAM: HLH
motif: ARCH473_bHLH80__ZSCAN4
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 164
gene expression correlation: 0.7424
gene score correlation: 0.7421

Nvec_vc1.1_XM_001634673.3
OG: zf−C2H2.HG1.5:ZNF688
PFAM: zf−C2H2_11/zf−C2H2/zf−C2H2/
motif: ARCH1255_Yy1
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 13
gene expression correlation: 0.2999
gene score correlation: 0.4594

Nvec_vc1.1_XM_001634712.3
OG: HLH.HG2.0:EBF1/EBF2/EBF3/EBF
PFAM: COE1_DBD/TIG/COE1_HLH
motif: ARCH1533_BHLH112
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 462
gene expression correlation: 0.1490
gene score correlation: 0.2856

Nvec_vc1.1_XM_001634768.3
OG: Homeodomains.HG2.11:DUX4/DU
PFAM: Homeodomain
motif: ARCH273_HOXD3
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 72
gene expression correlation: 0.2677
gene score correlation: 0.5286

Nvec_vc1.1_XM_001634946.3
OG: Homeodomains.HG3.31:SIX1/SIX2
PFAM: SIX1_SD/Homeodomain
motif: ARCH1055_MF0010.1_Homeobo
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 1149
gene expression correlation: 0.7895
gene score correlation: 0.1258

Nvec_vc1.1_XM_001634956.3
OG: Homeodomains.HG2.43:GSC/GSC
PFAM: Homeodomain
motif: ARCH1633_M02161_2.00
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 8
gene expression correlation: 0.2581
gene score correlation: 0.6216

Nvec_vc1.1_XM_001635015.3
OG: Homeodomains.HG2.68:like:ARX/C
PFAM: Homeodomain
motif: ARCH41_Alx3/Alx4/Alx1_Barx2...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 219
gene expression correlation: 0.0374
gene score correlation: −0.0178

Nvec_vc1.1_XM_001635041.3
OG: MADS−box_SRF.HG1.0:SRF
PFAM: SRF−TF
motif: ARCH1309_Srf
TF family: MADS−box_SRF
archetype family: MADS−box_SRF
CisBP assigned: TRUE
rank: 286
gene expression correlation: 0.2031
gene score correlation: 0.2885

Nvec_vc1.1_XM_001635120.3
OG: zf−C2H2.HG1.207:like:AC008758.1
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C
motif: ARCH385_M08281_2.00__ZNF7
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 87
gene expression correlation: −0.2300
gene score correlation: 0.1131

Nvec_vc1.1_XM_001635172.3
OG: HLH.HG1.38:MXD1/MXD3/MXD4/M
PFAM: HLH
motif: ARCH1593_PL0005.1_hlh−30
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 169
gene expression correlation: 0.0792
gene score correlation: −0.0891

Nvec_vc1.1_XM_001635190.3
OG: zf−C2H2.HG1.30:like:AC008758.1/
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C
motif: ARCH1201_Gfi1b/Gfi1
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 770
gene expression correlation: 0.6837
gene score correlation: 0.2416

Nvec_vc1.1_XM_001635275.3
OG: HLH.HG1.63:like:HES5/HES7
PFAM: HLH
motif: ARCH1533_BHLH112
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 93
gene expression correlation: 0.5389
gene score correlation: 0.4044

Nvec_vc1.1_XM_001635276.3
OG: HLH.HG1.63:like:HES5/HES7
PFAM: HLH
motif: ARCH1533_BHLH112
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 15
gene expression correlation: 0.5370
gene score correlation: 0.5780

Nvec_vc1.1_XM_001635277.3
OG: HLH.HG1.62:like:HES5/HES7
PFAM: HLH/Hairy_orange
motif: ARCH1533_BHLH112
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 85
gene expression correlation: 0.2339
gene score correlation: 0.5622

Nvec_vc1.1_XM_001635315.3
OG: HLH.HG1.63:like:HES5/HES7
PFAM: HLH
motif: ARCH1533_BHLH112
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 90
gene expression correlation: 0.1183
gene score correlation: 0.4349

Nvec_vc1.1_XM_001635316.3
OG: HLH.HG1.53:HES5/HES7
PFAM: HLH
motif: ARCH1533_BHLH112
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 351
gene expression correlation: 0.3348
gene score correlation: 0.3294

Nvec_vc1.1_XM_001635374.3
OG: Homeodomains.HG3.7:PBX1/PBX2
PFAM: PBC/Homeodomain
motif: ARCH121_Nfya_Pbx4/Pbx2/Pbx1
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 16
gene expression correlation: 0.4226
gene score correlation: 0.4556

Nvec_vc1.1_XM_001636116.3
OG: TBP.HG1.3:TBP/TBPL2
PFAM: TBP/TBP
motif: ARCH66_Barx2/Barx1_Dlx4/Dlx..
TF family: TBP
archetype family: TBP
CisBP assigned: TRUE
rank: 549
gene expression correlation: 0.2407
gene score correlation: 0.1132

Nvec_vc1.1_XM_001636163.3
OG: Homeodomains.HG4.4:POU6F1/P
PFAM: DFP/DFP/Pou/Homeodomain
motif: ARCH56_POU4F1
TF family: Pou/Homeodomain
archetype family: Pou/Homeodomain
CisBP assigned: FALSE
rank: 30
gene expression correlation: 0.2620
gene score correlation: 0.3712

Nvec_vc1.1_XM_001636315.3
OG: zf−C2H2.HG1.35:FEZF1/FEZF2/G
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C
motif: ARCH1201_Gfi1b/Gfi1
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: TRUE
rank: 515
gene expression correlation: 0.0350
gene score correlation: 0.2035

Nvec_vc1.1_XM_001636352.3
OG: Ets.HG1.2:ELK1/ELK3/ELK4
PFAM: Ets
motif: ARCH585_Spdef
TF family: Ets
archetype family: Ets
CisBP assigned: FALSE
rank: 1
gene expression correlation: 0.7224
gene score correlation: 0.6303

Nvec_vc1.1_XM_001636464.3
OG: Myb.HG7.0:TERF2IP
PFAM: BRCT_2/Myb_DNA−bind_2
motif: ARCH646_Msantd4/Mypop_Terf2
TF family: Myb
archetype family: Myb
CisBP assigned: TRUE
rank: 65
gene expression correlation: −0.1868
gene score correlation: 0.2745

Nvec_vc1.1_XM_001636622.3
OG: HLH.HG1.37:MNT
PFAM: HLH
motif: ARCH664_bHLH157
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 203
gene expression correlation: −0.4261
gene score correlation: 0.2260

Nvec_vc1.1_XM_001636859.3
OG: Homeodomains.HG2.58:UNCX
PFAM: Homeodomain/OAR
motif: ARCH233_Alx3/Alx4/Alx1_Barx...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 106
gene expression correlation: −0.2628
gene score correlation: −0.0414

Nvec_vc1.1_XM_001636862.3
OG: Homeodomains.HG2.33:like:PAX1/
PFAM: Homeodomain
motif: ARCH299_Alx3/Alx4/Alx1_Barx...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 3
gene expression correlation: 0.5878
gene score correlation: 0.5612

Nvec_vc1.1_XM_001636971.3
OG: GATA.HG2.1:RERE
PFAM: BAH/ELM2/GATA
motif: ARCH1456_Gata3/Gata1/Gata2_
TF family: GATA
archetype family: GATA
CisBP assigned: TRUE
rank: 60
gene expression correlation: −0.0938
gene score correlation: 0.4476

Nvec_vc1.1_XM_001637044.3
OG: HLH.HG1.54:like:HES5/HES7
PFAM: HLH/Hairy_orange
motif: ARCH1533_BHLH112
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 282
gene expression correlation: 0.1854
gene score correlation: 0.3001

Nvec_vc1.1_XM_001637155.3
OG: Myb.HG5.0:DMAP1
PFAM: SANT_DAMP1_like/DMAP1
motif: ARCH193_MYB116
TF family: Myb
archetype family: Myb
CisBP assigned: FALSE
rank: 89
gene expression correlation: −0.0830
gene score correlation: 0.3450

Nvec_vc1.1_XM_001637190.3
OG: zf−C2H2.HG4.11:GLIS1/GLIS3
PFAM: zf−C2H2/zf−C2H2/zf−C2H2
motif: ARCH1043_ZNF652
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 27
gene expression correlation: −0.0529
gene score correlation: 0.5411

Nvec_vc1.1_XM_001637272.3
OG: zf−C2H2.HG95.1:NA
PFAM: HNF−1_N/zf−C2H2/zf−C2H2/zf-
motif: ARCH861_Scrt2/Scrt1
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 1
gene expression correlation: −0.0481
gene score correlation: 0.5842

Nvec_vc1.1_XM_001637374.3
OG: Ets.HG1.2:ELK1/ELK3/ELK4
PFAM: Ets
motif: Nvec_vc1.1_XM_001637374.3_E
TF family: Ets
archetype family: Ets
CisBP assigned: TRUE
rank: 0
gene expression correlation: 0.0244
gene score correlation: 0.3933

Nvec_vc1.1_XM_001637508.3
OG: IRF.HG1.1:IRF1/IRF2/IRF3/IRF4/IR
PFAM: IRF
motif: ARCH590_T1ISRE__IRF2
TF family: IRF
archetype family: IRF
CisBP assigned: FALSE
rank: 58
gene expression correlation: −0.0046
gene score correlation: 0.3957

Nvec_vc1.1_XM_001637529.3
OG: Myb.HG1.2:DMTF1/TTF1
PFAM: Myb_DNA−binding/Myb_DNA−b
motif: ARCH153_Msantd2_Rcor1/Rcor2
TF family: Myb
archetype family: Myb
CisBP assigned: FALSE
rank: 364
gene expression correlation: 0.2138
gene score correlation: −0.2389

Nvec_vc1.1_XM_001637733.3
OG: Homeodomains.HG1.67:GSX1/GS
PFAM: Homeodomain
motif: ARCH52_Alx3/Alx4/Alx1_Barx2...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 37
gene expression correlation: 0.3203
gene score correlation: 0.2411

Nvec_vc1.1_XM_001638266.3
OG: bZIP.HG1.0:CREBL2
PFAM: bZIP_2
motif: ARCH1628_Crebl2
TF family: bZIP
archetype family: bZIP
CisBP assigned: TRUE
rank: 454
gene expression correlation: 0.3175
gene score correlation: 0.1474

Nvec_vc1.1_XM_001638641.3
OG: zf−C2H2.HG2.4:MTF1/ZNF76/ZNF
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C
motif: ARCH836_M08316_2.00__M089
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 32
gene expression correlation: 0.0344
gene score correlation: 0.3976

Nvec_vc1.1_XM_001638761.3
OG: zf−C2H2.HG16.2:like:TRERF1/ZNF
PFAM: zf−C2H2/zf−C2H2_6/ELM2
motif: ARCH861_Scrt2/Scrt1
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 322
gene expression correlation: 0.5882
gene score correlation: 0.4362

Nvec_vc1.1_XM_001638841.3
OG: Forkhead.HG1.22:FOXG1
PFAM: Forkhead
motif: ARCH829_PB0121.1_Foxj3_2
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: FALSE
rank: 1
gene expression correlation: 0.3405
gene score correlation: 0.6583

Nvec_vc1.1_XM_001638852.3
OG: HMGbox_Sox.HG1.47:like:NSD2
PFAM: HMG_box/HMG_box/HMG_box
motif: ARCH76_CES−1__PB0171.1_Sc
TF family: HMGbox_Sox
archetype family: HMGbox_Sox
CisBP assigned: FALSE
rank: 135
gene expression correlation: 0.3608
gene score correlation: 0.4037

Nvec_vc1.1_XM_001639101.3
OG: Homeodomains.HG2.27:like:PAX1/
PFAM: PAX/Homeodomain
motif: ARCH873_Pax5/Pax8/Pax2
TF family: Pax/Homeodomain
archetype family: Pax/Homeodomain
CisBP assigned: TRUE
rank: 1
gene expression correlation: 0.5293
gene score correlation: 0.6826

Nvec_vc1.1_XM_001639164.3
OG: Homeodomains.HG2.36:like:AC025
PFAM: Homeodomain
motif: ARCH41_Alx3/Alx4/Alx1_Barx2...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 56
gene expression correlation: 0.2195
gene score correlation: 0.3709

Nvec_vc1.1_XM_001639307.3
OG: bZIP.HG3.3:like:MAF/MAFA/MAFB
PFAM: bZIP_Maf
motif: ARCH1485_Atf3/Jdp2_Fos/Fosb.
TF family: bZIP
archetype family: bZIP
CisBP assigned: FALSE
rank: 73
gene expression correlation: 0.3700
gene score correlation: 0.3325

Nvec_vc1.1_XM_001639547.3
OG: zf−C2H2.HG2.11:KLF10/KLF11
PFAM: zf−C2H2/zf−C2H2/zf−C2H2
motif: ARCH347_Klf1/Klf4/Klf2_Klf1...
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: TRUE
rank: 637
gene expression correlation: −0.2065
gene score correlation: −0.0850

Nvec_vc1.1_XM_001639692.3
OG: HLH.HG1.0:AC019117.4/AHR/AHR
PFAM: HLH/PAS/PAS_11
motif: ARCH867_ZEB1__PL0011.1_hlh
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 30
gene expression correlation: 0.1000
gene score correlation: 0.2952

Nvec_vc1.1_XM_001639705.3
OG: zf−C2H2.HG1.30:like:AC008758.1/
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C
motif: ARCH480_Snai2
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 17
gene expression correlation: 0.1950
gene score correlation: 0.4104

Nvec_vc1.1_XM_001639717.3
OG: zf−C2H2.HG1.35:FEZF1/FEZF2/G
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C
motif: ARCH502_M06063_2.00
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 23
gene expression correlation: −0.4377
gene score correlation: −0.0733

Nvec_vc1.1_XM_001639766.3
OG: zf−C2H2.HG3.18:like:HINFP/HIVE
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C
motif: ARCH419_Yy1
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 1
gene expression correlation: 0.1462
gene score correlation: 0.7380

Nvec_vc1.1_XM_001640743.3
OG: HLH.HG1.29:MYC/MYCL/MYCN
PFAM: HLH
motif: ARCH867_ZEB1__PL0011.1_hlh
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 10
gene expression correlation: 0.3248
gene score correlation: 0.3509

Nvec_vc1.1_XM_001640781.3
OG: Homeodomains.HG1.41:NKX1−1/N
PFAM: Homeodomain
motif: ARCH91_Alx3/Alx4/Alx1_Barx2...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 39
gene expression correlation: 0.2129
gene score correlation: 0.4421

Nvec_vc1.1_XM_001640853.3
OG: bZIP.HG1.6:JUN/JUNB/JUND
PFAM: Jun/bZIP_1
motif: ARCH1611_Fos/Fosb/Fosl1/Fosl2
TF family: bZIP
archetype family: bZIP
CisBP assigned: FALSE
rank: 22
gene expression correlation: −0.1221
gene score correlation: 0.5169

Nvec_vc1.1_XM_001640990.3
OG: HLH.HG1.77:like:NEUROD1/NEUR
PFAM: HLH
motif: ARCH867_ZEB1__PL0011.1_hlh
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 21
gene expression correlation: 0.5524
gene score correlation: 0.4219

Nvec_vc1.1_XM_001641032.3
OG: Homeodomains.HG1.18:NANOG/N
PFAM: Homeodomain
motif: ARCH273_HOXD3
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 64
gene expression correlation: 0.6252
gene score correlation: 0.5542

Nvec_vc1.1_XM_001641086.3
OG: zf−C2H2.HG7.5:SNAI1/SNAI2/SNA
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C
motif: ARCH1345_Gfi1b/Gfi1
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 39
gene expression correlation: 0.2091
gene score correlation: 0.2621

Nvec_vc1.1_XM_001641264.3
OG: Homeodomains.HG1.61:NOTO
PFAM: Homeodomain
motif: ARCH225_
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 903
gene expression correlation: 0.1083
gene score correlation: −0.1772

Nvec_vc1.1_XM_001641552.3
OG: Homeodomains.HG1.47:like:MSX1
PFAM: Homeodomain
motif: ARCH1437_
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 12
gene expression correlation: −0.1643
gene score correlation: 0.3032

Nvec_vc1.1_XM_001641575.3
OG: Homeodomains.HG1.68:AC004080
PFAM: Homeodomain
motif: ARCH1362_Six1/_Six4/Six5
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 3
gene expression correlation: 0.4318
gene score correlation: 0.7438

Nvec_vc1.1_XM_001641660.3
OG: Homeodomains.HG2.64:PITX1/PIT
PFAM: Homeodomain
motif: ARCH1437_
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 1
gene expression correlation: 0.4317
gene score correlation: 0.6242

Nvec_vc1.1_XM_001647488.3
OG: Homeodomains.HG2.46:CRX/OTX
PFAM: Homeodomain
motif: ARCH697_Six1/_Six4/Six5
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 25
gene expression correlation: 0.1155
gene score correlation: 0.5146

Nvec_vc1.1_XM_032361813.2
OG: Myb.HG1.23:TERB1/TERF2
PFAM: Myb_DNA−binding
motif: ARCH1391_MYB113
TF family: Myb
archetype family: Myb
CisBP assigned: FALSE
rank: 846
gene expression correlation: 0.7187
gene score correlation: 0.1320

Nvec_vc1.1_XM_032361849.2
OG: Ets.HG1.2:ELK1/ELK3/ELK4
PFAM: Ets
motif: ARCH572_Elf3/Ehf/Elf5_Erg/F...
TF family: Ets
archetype family: Ets
CisBP assigned: TRUE
rank: 4
gene expression correlation: 0.3185
gene score correlation: 0.7312

Nvec_vc1.1_XM_032361976.2
OG: IRF.HG1.1:IRF1/IRF2/IRF3/IRF4/IR
PFAM: IRF
motif: ARCH591_ISRE__IRF3__IRF8
TF family: IRF
archetype family: IRF
CisBP assigned: FALSE
rank: 1
gene expression correlation: 0.8844
gene score correlation: 0.8740

Nvec_vc1.1_XM_032362135.2
OG: ARID_BRIGHT.HG1.9:ARID3A/ARI
PFAM: ARID
motif: ARCH13_Arid2_Arid3c/Arid3a/...
TF family: ARID_BRIGHT
archetype family: ARID_BRIGHT
CisBP assigned: TRUE
rank: 41
gene expression correlation: 0.3168
gene score correlation: 0.4613

Nvec_vc1.1_XM_032362307.2
OG: Homeodomains.HG1.66:like:GSX1
PFAM: Homeodomain
motif: ARCH1055_MF0010.1_Homeobo
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 464
gene expression correlation: 0.7972
gene score correlation: 0.1317

Nvec_vc1.1_XM_032362346.2
OG: Homeodomains.HG1.21:BARX1/BA
PFAM: Homeodomain
motif: ARCH264_Alx3/Alx4/Alx1_Barx...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 971
gene expression correlation: 0.0919
gene score correlation: −0.1389

Nvec_vc1.1_XM_032362379.2
OG: Homeodomains.HG1.19:NKX2−1/N
PFAM: Homeodomain
motif: ARCH1546_Meis3/Meis2/Meis1_
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 5
gene expression correlation: 0.3773
gene score correlation: 0.6426

Nvec_vc1.1_XM_032362396.2
OG: Homeodomains.HG1.69:HOXA3/H
PFAM: Homeodomain
motif: ARCH1362_Six1/_Six4/Six5
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 36
gene expression correlation: −0.0036
gene score correlation: 0.6458

Nvec_vc1.1_XM_032362607.2
OG: Forkhead.HG1.5:FOXQ1
PFAM: Forkhead
motif: ARCH895_Foxn4/Foxn1
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: FALSE
rank: 192
gene expression correlation: 0.5331
gene score correlation: 0.5780

Nvec_vc1.1_XM_032362934.2
OG: Ets.HG1.11:EHF/ELF3/ELF5
PFAM: Ets
motif: ARCH587_Elf3/Ehf/Elf5_Erg/F...
TF family: Ets
archetype family: Ets
CisBP assigned: TRUE
rank: 3
gene expression correlation: 0.6246
gene score correlation: 0.7319

Nvec_vc1.1_XM_032362959.2
OG: MADS−box_SRF.HG1.1:like:BORC
PFAM: SRF−TF
motif: ARCH1108_Mef2c/Mef2b/Mef2a/
TF family: MADS−box_SRF
archetype family: MADS−box_SRF
CisBP assigned: FALSE
rank: 2
gene expression correlation: 0.3528
gene score correlation: 0.8589

Nvec_vc1.1_XM_032363017.2
OG: HLH.HG1.87:LYL1/NHLH1/NHLH2/
PFAM: HLH
motif: ARCH1118_PL0012.1_hlh−2::hlh
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 430
gene expression correlation: 0.3627
gene score correlation: −0.0505

Nvec_vc1.1_XM_032363027.2
OG: zf−C2H2.HG19.1:PRDM14
PFAM: SET/zf−C2H2/zf−C2H2/zf−C2H2
motif: ARCH1200_Zfp760/Zfp770
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 7
gene expression correlation: 0.5213
gene score correlation: 0.4995

Nvec_vc1.1_XM_032363350.2
OG: Homeodomains.HG1.31:DLX1/DLX
PFAM: Homeodomain
motif: ARCH45_Alx3/Alx4/Alx1_Barx2...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 71
gene expression correlation: 0.2267
gene score correlation: 0.3178

Nvec_vc1.1_XM_032363417.2
OG: zf−C2H2.HG3.2:ZBTB17
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C
motif: ARCH1345_Gfi1b/Gfi1
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 160
gene expression correlation: 0.5641
gene score correlation: 0.4490

Nvec_vc1.1_XM_032363603.2
OG: T−box.HG1.13:TBX1/TBX10/TBX1
PFAM: T−box
motif: ARCH862_Tbx18/Tbx22/Tbx15_T
TF family: T−box
archetype family: T−box
CisBP assigned: TRUE
rank: 88
gene expression correlation: 0.3247
gene score correlation: 0.8213

Nvec_vc1.1_XM_032363733.2
OG: zf−C2H2.HG1.62:ZBTB11
PFAM: zf−C2H2/zf−C2H2_6/zf−C2H2/z
motif: ARCH1201_Gfi1b/Gfi1
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 644
gene expression correlation: 0.6916
gene score correlation: 0.2359

Nvec_vc1.1_XM_032363859.2
OG: Forkhead.HG1.32:FOXP2
PFAM: FOXP−CC/Forkhead
motif: ARCH1017_Foxa3/Foxa1/Foxa2_
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: TRUE
rank: 89
gene expression correlation: −0.0999
gene score correlation: 0.1605

Nvec_vc1.1_XM_032363874.2
OG: Homeodomains.HG1.23:like:HHEX
PFAM: Homeodomain
motif: ARCH152_Emx1/Emx2_Hmx1/Hr
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 954
gene expression correlation: −0.0635
gene score correlation: −0.0403

Nvec_vc1.1_XM_032363920.2
OG: Homeodomains.HG1.23:like:HHEX
PFAM: Homeodomain
motif: ARCH273_HOXD3
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 56
gene expression correlation: 0.2654
gene score correlation: 0.6362

Nvec_vc1.1_XM_032363985.2
OG: bZIP.HG2.6:like:DBP/HLF/TEF
PFAM: bZIP_2
motif: ARCH1628_Crebl2
TF family: bZIP
archetype family: bZIP
CisBP assigned: TRUE
rank: 372
gene expression correlation: 0.1332
gene score correlation: 0.2619

Nvec_vc1.1_XM_032364001.2
OG: SMAD_MH1.HG1.6:SMAD1/SMAD
PFAM: MH1/MH2
motif: ARCH718_Smad2/Smad3_Smad
TF family: SMAD_MH1
archetype family: SMAD_MH1
CisBP assigned: TRUE
rank: 288
gene expression correlation: −0.1476
gene score correlation: 0.0883

Nvec_vc1.1_XM_032364121.2
OG: Homeodomains.HG1.39:BARHL1/B
PFAM: Homeodomain
motif: ARCH1362_Six1/_Six4/Six5
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 40
gene expression correlation: 0.4925
gene score correlation: 0.5556

Nvec_vc1.1_XM_032364139.2
OG: HLH.HG1.8:CCDC169−SOHLH2/S
PFAM: HLH
motif: ARCH867_ZEB1__PL0011.1_hlh
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 8
gene expression correlation: −0.2651
gene score correlation: 0.5889

Nvec_vc1.1_XM_032364195.2
OG: zf−C2H2.HG3.22:like:HINFP/HIVEI
PFAM: zf−C2H2/zf−C2H2/zf−C2H2
motif: ARCH1370_M05856_2.00
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 226
gene expression correlation: 0.1546
gene score correlation: 0.2532

Nvec_vc1.1_XM_032364281.2
OG: Myb.HG1.23:TERB1/TERF2
PFAM: Myb_DNA−binding
motif: ARCH1391_MYB113
TF family: Myb
archetype family: Myb
CisBP assigned: FALSE
rank: 107
gene expression correlation: 0.7273
gene score correlation: 0.7147

Nvec_vc1.1_XM_032364329.2
OG: HSF.HG1.5:HSF1/HSF2/HSF4
PFAM: HSF_DNA−bind/Vert_HS_TF
motif: ARCH737_Hsf1/Hsf2/Hsf4/Hsf3
TF family: HSF
archetype family: HSF
CisBP assigned: TRUE
rank: 1
gene expression correlation: 0.3370
gene score correlation: 0.4900

Nvec_vc1.1_XM_032364331.2
OG: TEA.HG1.0:TEAD1/TEAD2/TEAD3
PFAM: TEA
motif: Nvec_vc1.1_XM_032364331.2_T
TF family: TEA
archetype family: TEA
CisBP assigned: TRUE
rank: 0
gene expression correlation: 0.0892
gene score correlation: 0.1173

Nvec_vc1.1_XM_032364348.2
OG: HLH.HG1.34:like:ASCL1/ASCL2/A
PFAM: HLH
motif: ARCH867_ZEB1__PL0011.1_hlh
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 894
gene expression correlation: 0.5480
gene score correlation: 0.0488

Nvec_vc1.1_XM_032364373.2
OG: IRF.HG1.1:IRF1/IRF2/IRF3/IRF4/IR
PFAM: IRF
motif: ARCH591_ISRE__IRF3__IRF8
TF family: IRF
archetype family: IRF
CisBP assigned: FALSE
rank: 67
gene expression correlation: 0.5612
gene score correlation: 0.2530

Nvec_vc1.1_XM_032364561.2
OG: Homeodomains.HG2.0:HNF1A/HN
PFAM: HNF−1_N/Homeodomain
motif: ARCH1503_Meis3/Meis2/Meis1_
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 103
gene expression correlation: 0.3286
gene score correlation: 0.2405

Nvec_vc1.1_XM_032364605.2
OG: Homeodomains.HG1.21:BARX1/BA
PFAM: Homeodomain
motif: ARCH1336_Alx3/Alx4/Alx1_Bar...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 8
gene expression correlation: 0.3611
gene score correlation: 0.3678

Nvec_vc1.1_XM_032364704.2
OG: zf−C2H2.HG4.1:like:GLI1/GLI2/GL
PFAM: zf−C2H2
motif: ARCH386_PB0102.1_Zic2_1
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 8
gene expression correlation: 0.2780
gene score correlation: 0.4642

Nvec_vc1.1_XM_032364814.2
OG: zf−C2H2.HG1.35:FEZF1/FEZF2/G
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C
motif: ARCH530_Snai2
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 8
gene expression correlation: 0.0047
gene score correlation: 0.5543

Nvec_vc1.1_XM_032364851.2
OG: zf−C2H2.HG1.32:like:AC008758.1/
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C
motif: ARCH861_Scrt2/Scrt1
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 4
gene expression correlation: −0.2998
gene score correlation: 0.6886

Nvec_vc1.1_XM_032364903.2
OG: zf−C2H2.HG1.57:like:AC008758.1/
PFAM: zf−C2H2
motif: ARCH1345_Gfi1b/Gfi1
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 1169
gene expression correlation: 0.4086
gene score correlation: −0.2318

Nvec_vc1.1_XM_032365104.2
OG: Forkhead.HG1.34:like:FOXO1/FOX
PFAM: Forkhead
motif: ARCH1018_Foxc2/Foxc1_Foxd2/
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: FALSE
rank: 447
gene expression correlation: 0.7400
gene score correlation: 0.1745

Nvec_vc1.1_XM_032365192.2
OG: HLH.HG1.0:AC019117.4/AHR/AHR
PFAM: HLH/PAS
motif: ARCH867_ZEB1__PL0011.1_hlh
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 85
gene expression correlation: 0.3479
gene score correlation: 0.2074

Nvec_vc1.1_XM_032365212.2
OG: Homeodomains.HG2.3:like:AC0252
PFAM: Homeodomain
motif: ARCH322_Alx3/Alx4/Alx1_Barx...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 138
gene expression correlation: −0.0406
gene score correlation: −0.0266

Nvec_vc1.1_XM_032365977.2
OG: zf−C2H2.HG1.33:like:AC008758.1/
PFAM: zf−C2H2
motif: ARCH909_Egr3/Egr1
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 1
gene expression correlation: 0.1989
gene score correlation: 0.6315

Nvec_vc1.1_XM_032366030.2
OG: HLH.HG1.5:like:CCDC169−SOHLH
PFAM: HLH
motif: ARCH144_BHLHE23
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 497
gene expression correlation: 0.8052
gene score correlation: 0.2929

Nvec_vc1.1_XM_032366085.2
OG: Homeodomains.HG1.44:EMX1/EM
PFAM: Homeodomain
motif: ARCH17_Alx3/Alx4/Alx1_Barx2...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 135
gene expression correlation: 0.6432
gene score correlation: 0.3296

Nvec_vc1.1_XM_032366210.2
OG: Homeodomains.HG1.48:MSX1/MS
PFAM: Homeodomain
motif: ARCH1028_Alx3/Alx4/Alx1_Bar...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 71
gene expression correlation: 0.0247
gene score correlation: 0.0561

Nvec_vc1.1_XM_032366211.2
OG: Homeodomains.HG1.34:HMX1/HM
PFAM: Homeodomain
motif: ARCH1316_Hoxa1/Hoxb1/Hoxd1
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 9
gene expression correlation: 0.6233
gene score correlation: 0.6037

Nvec_vc1.1_XM_032366225.2
OG: zf−C2H2.HG2.5:KLF15
PFAM: zf−C2H2/zf−C2H2/zf−C2H2
motif: ARCH4_Klf1/Klf4/Klf2_Klf11_...
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: TRUE
rank: 573
gene expression correlation: 0.2721
gene score correlation: 0.2962

Nvec_vc1.1_XM_032366242.2
OG: bZIP.HG2.12:like:DBP/HLF/TEF
PFAM: bZIP_2
motif: ARCH620_Atf4/Atf5
TF family: bZIP
archetype family: bZIP
CisBP assigned: FALSE
rank: 854
gene expression correlation: 0.6681
gene score correlation: −0.1363

Nvec_vc1.1_XM_032366602.2
OG: Ets.HG1.11:EHF/ELF3/ELF5
PFAM: SAM_PNT/Ets
motif: ARCH584_Elf3/Ehf/Elf5_Erg/F...
TF family: Ets
archetype family: Ets
CisBP assigned: TRUE
rank: 223
gene expression correlation: 0.2725
gene score correlation: 0.4450

Nvec_vc1.1_XM_032366609.2
OG: Homeodomains.HG1.49:like:NOTO
PFAM: Homeodomain
motif: ARCH52_Alx3/Alx4/Alx1_Barx2...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 31
gene expression correlation: 0.1624
gene score correlation: 0.4905

Nvec_vc1.1_XM_032366627.2
OG: zf−C2H2.HG1.44:EGR1/EGR2/EG
PFAM: zf−C2H2/zf−C2H2/zf−C2H2
motif: ARCH530_Snai2
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 35
gene expression correlation: −0.0857
gene score correlation: 0.4337

Nvec_vc1.1_XM_032366646.2
OG: ARID_BRIGHT.HG1.5:ARID5A/ARI
PFAM: ARID
motif: ARCH1088_Arid5b/Arid5a
TF family: ARID_BRIGHT
archetype family: ARID_BRIGHT
CisBP assigned: TRUE
rank: 59
gene expression correlation: 0.2463
gene score correlation: 0.4434

Nvec_vc1.1_XM_032366739.2
OG: HMGbox_Sox.HG1.65:HMG20B
PFAM: HMG_box
motif: ARCH1129_PB0174.1_Sox30_2
TF family: HMGbox_Sox
archetype family: HMGbox_Sox
CisBP assigned: FALSE
rank: 733
gene expression correlation: 0.0427
gene score correlation: −0.3114

Nvec_vc1.1_XM_032366790.2
OG: THAP_finger.HG1.0:AC073612.1/T
PFAM: THAP
motif: ARCH525_M08176_2.00
TF family: THAP_finger
archetype family: THAP_finger
CisBP assigned: FALSE
rank: 1099
gene expression correlation: −0.0379
gene score correlation: −0.1839

Nvec_vc1.1_XM_032366797.2
OG: Myb.HG1.23:TERB1/TERF2
PFAM: Myb_DNA−binding
motif: ARCH193_MYB116
TF family: Myb
archetype family: Myb
CisBP assigned: FALSE
rank: 331
gene expression correlation: −0.0393
gene score correlation: −0.2981

Nvec_vc1.1_XM_032366836.2
OG: Homeodomains.HG1.54:like:NOTO
PFAM: Homeodomain
motif: ARCH1552_Pbx4/Pbx2/Pbx1
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 1301
gene expression correlation: 0.5159
gene score correlation: −0.1421

Nvec_vc1.1_XM_032366964.2
OG: zf−C2H2.HG1.35:FEZF1/FEZF2/G
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C
motif: ARCH353_M06062_2.00__M064
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 1
gene expression correlation: −0.0448
gene score correlation: 0.5465

Nvec_vc1.1_XM_032366979.2
OG: Homeodomains.HG1.21:BARX1/BA
PFAM: Homeodomain
motif: ARCH1546_Meis3/Meis2/Meis1_
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 14
gene expression correlation: 0.2215
gene score correlation: 0.7107

Nvec_vc1.1_XM_032367023.2
OG: Homeodomains.HG1.47:like:MSX1
PFAM: Homeodomain
motif: ARCH1437_
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 2
gene expression correlation: 0.3400
gene score correlation: 0.3655

Nvec_vc1.1_XM_032367127.2
OG: bZIP.HG2.10:DBP/HLF/TEF
PFAM: bZIP_2
motif: Nvec_vc1.1_XM_032367127.2_b
TF family: bZIP
archetype family: bZIP
CisBP assigned: FALSE
rank: 0
gene expression correlation: 0.1413
gene score correlation: 0.0756

Nvec_vc1.1_XM_032367197.2
OG: zf−C2H2.HG18.0:ZNF277
PFAM: zf−C2H2_2/zf−C2H2_2
motif: ARCH1311_Yy1
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 7
gene expression correlation: 0.3424
gene score correlation: 0.3619

Nvec_vc1.1_XM_032367750.2
OG: Myb.HG1.10:RCOR1/RCOR2/RCC
PFAM: Myb_DNA−binding
motif: ARCH1489_0610010K14Rik
TF family: Myb
archetype family: Myb
CisBP assigned: TRUE
rank: 1691
gene expression correlation: −0.2476
gene score correlation: −0.4159

Nvec_vc1.1_XM_032367802.2
OG: zf−C2H2.HG2.9:like:KLF3/KLF5/KL
PFAM: zf−C2H2/zf−C2H2/zf−C2H2
motif: ARCH1345_Gfi1b/Gfi1
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 2
gene expression correlation: 0.1370
gene score correlation: 0.4176

Nvec_vc1.1_XM_032368799.2
OG: zf−C2H2.HG1.130:ZBTB45
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C
motif: ARCH361_Klf15
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 255
gene expression correlation: −0.0139
gene score correlation: 0.7160

Nvec_vc1.1_XM_032369367.2
OG: HLH.HG1.69:ASCL3/ASCL4/ASCL
PFAM: HLH
motif: ARCH867_ZEB1__PL0011.1_hlh
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 76
gene expression correlation: 0.2823
gene score correlation: 0.3562

Nvec_vc1.1_XM_032369437.2
OG: zf−C2H2.HG2.20:KLF6/KLF7
PFAM: zf−C2H2/zf−C2H2/zf−C2H2
motif: ARCH407_Klf1/Klf4/Klf2_Klf5...
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: TRUE
rank: 585
gene expression correlation: 0.0207
gene score correlation: 0.2249

Nvec_vc1.1_XM_032369810.2
OG: ARID_BRIGHT.HG1.7:like:ARID1A
PFAM: ARID/BAF250_C
motif: ARCH64_Arid2_Arid3c/Arid3a/...
TF family: ARID_BRIGHT
archetype family: ARID_BRIGHT
CisBP assigned: FALSE
rank: 10
gene expression correlation: 0.0284
gene score correlation: 0.5616

Nvec_vc1.1_XM_032370011.2
OG: Homeodomains.HG1.37:NKX6−1/N
PFAM: Homeodomain
motif: ARCH121_Nfya_Pbx4/Pbx2/Pbx1
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 57
gene expression correlation: 0.2684
gene score correlation: 0.3527

Nvec_vc1.1_XM_032370013.2
OG: Homeodomains.HG1.37:NKX6−1/N
PFAM: Homeodomain
motif: ARCH1338_Barx2/Barx1_Dlx4/D.
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 120
gene expression correlation: −0.2019
gene score correlation: −0.0289

Nvec_vc1.1_XM_032370269.2
OG: bZIP.HG3.3:like:MAF/MAFA/MAFB
PFAM: bZIP_Maf
motif: ARCH1583_Crem/Creb1/Atf1
TF family: bZIP
archetype family: bZIP
CisBP assigned: FALSE
rank: 16
gene expression correlation: 0.2981
gene score correlation: 0.5605

Nvec_vc1.1_XM_032370334.2
OG: THAP_finger.HG1.20:like:THAP11
PFAM: THAP
motif: ARCH525_M08176_2.00
TF family: THAP_finger
archetype family: THAP_finger
CisBP assigned: FALSE
rank: 351
gene expression correlation: 0.3400
gene score correlation: 0.2311

Nvec_vc1.1_XM_032370541.2
OG: SMAD_MH1.HG1.1:SMAD4
PFAM: MH1/MH2
motif: ARCH662_Smad4
TF family: SMAD_MH1
archetype family: SMAD_MH1
CisBP assigned: TRUE
rank: 45
gene expression correlation: −0.0154
gene score correlation: 0.4470

Nvec_vc1.1_XM_032370623.2
OG: E2F_TDP.HG1.0:E2F7/E2F8
PFAM: E2F_TDP/E2F_TDP
motif: ARCH1220_/E2f4_E2f6_E2f8/E2f
TF family: E2F_TDP
archetype family: E2F_TDP
CisBP assigned: TRUE
rank: 10
gene expression correlation: 0.1764
gene score correlation: 0.5256

Nvec_vc1.1_XM_032371091.2
OG: zf−C2H2.HG10.1:ZFP3/ZNF319/ZN
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C
motif: ARCH822_M08939_2.00__M103
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 12
gene expression correlation: 0.1500
gene score correlation: 0.3855

Nvec_vc1.1_XM_032371093.2
OG: zf−C2H2.HG10.1:ZFP3/ZNF319/ZN
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C
motif: ARCH529_Rslcan18/Gm28557/Z
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: TRUE
rank: 136
gene expression correlation: −0.3416
gene score correlation: −0.1372

Nvec_vc1.1_XM_032371094.2
OG: zf−C2H2.HG10.1:ZFP3/ZNF319/ZN
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C
motif: ARCH923_Zfp239//Zfp942/Zfp9...
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: TRUE
rank: 1080
gene expression correlation: −0.0520
gene score correlation: −0.2538

Nvec_vc1.1_XM_032371469.2
OG: Homeodomains.HG3.4:SATB1/SAT
PFAM: CSTF1_dimer/CUT
motif: ARCH121_Nfya_Pbx4/Pbx2/Pbx1
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 6
gene expression correlation: 0.3087
gene score correlation: 0.5525

Nvec_vc1.1_XM_032371744.2
OG: Doublesex_DM.HG1.12:DMRTA1/D
PFAM: DM/DMA
motif: Nvec_vc1.1_XM_032371744.2_D
TF family: Doublesex_DM
archetype family: Doublesex_DM
CisBP assigned: TRUE
rank: 0
gene expression correlation: −0.0129
gene score correlation: 0.0012

Nvec_vc1.1_XM_032371845.2
OG: zf−C2H2.HG1.212:like:AC008758.1
PFAM: zf−C2H2/zf−C2H2/zf−C2H2
motif: ARCH1311_Yy1
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 19
gene expression correlation: 0.0484
gene score correlation: 0.3397

Nvec_vc1.1_XM_032371859.2
OG: Homeodomains.HG1.56:like:EN1/E
PFAM: Homeodomain
motif: ARCH233_Alx3/Alx4/Alx1_Barx...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 40
gene expression correlation: −0.0561
gene score correlation: 0.0787

Nvec_vc1.1_XM_032372025.2
OG: HLH.HG1.0:AC019117.4/AHR/AHR
PFAM: HLH/PAS/PAS_11
motif: ARCH1068_bHLH122
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 581
gene expression correlation: 0.6449
gene score correlation: 0.2099

Nvec_vc1.1_XM_032372114.2
OG: bZIP.HG1.8:ATF4/ATF5
PFAM: bZIP_1
motif: ARCH1605_Atf4/Atf5
TF family: bZIP
archetype family: bZIP
CisBP assigned: TRUE
rank: 123
gene expression correlation: −0.0447
gene score correlation: 0.2290

Nvec_vc1.1_XM_032372258.2
OG: zf−C2H2.HG10.1:ZFP3/ZNF319/ZN
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C
motif: ARCH1255_Yy1
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 4
gene expression correlation: 0.0892
gene score correlation: 0.2646

Nvec_vc1.1_XM_032372575.2
OG: Myb.HG2.2:NA
PFAM: MADF_DNA_bdg
motif: ARCH511_MYB88
TF family: Myb
archetype family: Myb
CisBP assigned: FALSE
rank: 21
gene expression correlation: −0.2307
gene score correlation: 0.3184

Nvec_vc1.1_XM_032372867.2
OG: zf−C2H2.HG1.49:like:AC008758.1/
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C
motif: ARCH1368_M04483_2.00__M04
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 85
gene expression correlation: −0.1233
gene score correlation: 0.0838

Nvec_vc1.1_XM_032372883.2
OG: Myb.HG1.10:RCOR1/RCOR2/RCC
PFAM: ELM2/Myb_DNA−binding
motif: ARCH153_Msantd2_Rcor1/Rcor2
TF family: Myb
archetype family: Myb
CisBP assigned: TRUE
rank: 791
gene expression correlation: 0.4091
gene score correlation: 0.3962

Nvec_vc1.1_XM_032372904.2
OG: Homeodomains.HG1.27:like:AC004
PFAM: Homeodomain
motif: ARCH1362_Six1/_Six4/Six5
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 15
gene expression correlation: 0.4381
gene score correlation: 0.7158

Nvec_vc1.1_XM_032373020.2
OG: zf−C2H2.HG23.0:ZNF34
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C
motif: ARCH1204_ARR1__ZNF24
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 21
gene expression correlation: 0.4942
gene score correlation: 0.4524

Nvec_vc1.1_XM_032373062.2
OG: HMGbox_Sox.HG1.14:like:SOX1/S
PFAM: HMG_box
motif: ARCH76_CES−1__PB0171.1_Sc
TF family: HMGbox_Sox
archetype family: HMGbox_Sox
CisBP assigned: FALSE
rank: 549
gene expression correlation: 0.7008
gene score correlation: 0.0905

Nvec_vc1.1_XM_032373099.2
OG: Homeodomains.HG4.10:POU3F1/P
PFAM: Pou/Homeodomain
motif: ARCH1054_POU3F1
TF family: Pou/Homeodomain
archetype family: Pou/Homeodomain
CisBP assigned: FALSE
rank: 3
gene expression correlation: 0.4291
gene score correlation: 0.7360

Nvec_vc1.1_XM_032373496.2
OG: Homeodomains.HG1.64:MEOX1/M
PFAM: Homeodomain
motif: ARCH782_Irx6
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 40
gene expression correlation: 0.4863
gene score correlation: 0.4723

Nvec_vc1.1_XM_032373497.2
OG: Homeodomains.HG1.63:like:MEOX
PFAM: Homeodomain
motif: ARCH637_Six1/_Six3/Six6_Six...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 4
gene expression correlation: −0.0174
gene score correlation: 0.5920

Nvec_vc1.1_XM_032373617.2
OG: Homeodomains.HG1.19:NKX2−1/N
PFAM: Homeodomain
motif: ARCH1504_Meis3/Meis2/Meis1_
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 52
gene expression correlation: 0.5115
gene score correlation: 0.5735

Nvec_vc1.1_XM_032373624.2
OG: bZIP.HG1.2:BACH1/BACH2/NFE2/
PFAM: bZIP_Maf
motif: ARCH1485_Atf3/Jdp2_Fos/Fosb.
TF family: bZIP
archetype family: bZIP
CisBP assigned: FALSE
rank: 56
gene expression correlation: 0.3955
gene score correlation: 0.1022

Nvec_vc1.1_XM_032373800.2
OG: zf−C2H2.HG1.38:like:AC008758.1/
PFAM: zf−C2H2/zf−C2H2/zf−C2H2
motif: ARCH866_ZNF317
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 198
gene expression correlation: 0.1326
gene score correlation: 0.7722

Nvec_vc1.1_XM_032373943.2
OG: zf−C2H2.HG130.1:NA
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C
motif: ARCH1400_ZNF143
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 8
gene expression correlation: −0.0599
gene score correlation: 0.6787

Nvec_vc1.1_XM_032374008.2
OG: HLH.HG1.92:like:SCX/TCF15
PFAM: HLH
motif: ARCH1068_bHLH122
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 260
gene expression correlation: 0.5743
gene score correlation: 0.4693

Nvec_vc1.1_XM_032374029.2
OG: bZIP.HG1.6:JUN/JUNB/JUND
PFAM: Jun/bZIP_1
motif: ARCH1610_Atf3/Jdp2_Atf7/Gm2.
TF family: bZIP
archetype family: bZIP
CisBP assigned: FALSE
rank: 117
gene expression correlation: 0.1139
gene score correlation: 0.3143

Nvec_vc1.1_XM_032374041.2
OG: Homeodomains.HG2.9:LHX6/LHX8
PFAM: LIM/LIM/Homeodomain
motif: ARCH86_Alx3/Alx4/Alx1_Barx2...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 35
gene expression correlation: 0.4481
gene score correlation: 0.4943

Nvec_vc1.1_XM_032374352.2
OG: Forkhead.HG1.9:like:FOXN1/FOXN
PFAM: Forkhead
motif: ARCH445_M03750_2.00__M037
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: TRUE
rank: 955
gene expression correlation: −0.2742
gene score correlation: −0.2409

Nvec_vc1.1_XM_032374382.2
OG: zf−C2H2.HG1.35:FEZF1/FEZF2/G
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C
motif: ARCH1345_Gfi1b/Gfi1
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 132
gene expression correlation: −0.4054
gene score correlation: 0.1957

Nvec_vc1.1_XM_032374853.2
OG: Homeodomains.HG1.21:BARX1/BA
PFAM: Homeodomain
motif: ARCH1504_Meis3/Meis2/Meis1_
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 12
gene expression correlation: 0.1497
gene score correlation: 0.5146

Nvec_vc1.1_XM_032374864.2
OG: Homeodomains.HG1.21:BARX1/BA
PFAM: Homeodomain
motif: ARCH159_Barx2/Barx1_Emx1/Em
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 12
gene expression correlation: 0.3568
gene score correlation: 0.6228

Nvec_vc1.1_XM_032374977.2
OG: HLH.HG1.56:TCF23/TCF24
PFAM: HLH
motif: ARCH1118_PL0012.1_hlh−2::hlh
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 273
gene expression correlation: 0.1492
gene score correlation: 0.3484

Nvec_vc1.1_XM_032375153.2
OG: Myb.HG3.1:HSPA14/MSANTD1/MS
PFAM: Myb_DNA−bind_4
motif: ARCH1379_MYB17
TF family: Myb
archetype family: Myb
CisBP assigned: FALSE
rank: 40
gene expression correlation: −0.0226
gene score correlation: 0.3504

Nvec_vc1.1_XM_032375280.2
OG: HLH.HG1.0:AC019117.4/AHR/AHR
PFAM: HLH/PAS/PAS_11
motif: ARCH1569_FEA4__E−box
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 62
gene expression correlation: 0.0823
gene score correlation: 0.4229

Nvec_vc1.1_XM_032375349.2
OG: HLH.HG1.50:HES3
PFAM: HLH
motif: ARCH867_ZEB1__PL0011.1_hlh
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 18
gene expression correlation: 0.1254
gene score correlation: 0.4609

Nvec_vc1.1_XM_032375407.2
OG: HLH.HG1.29:MYC/MYCL/MYCN
PFAM: Myc_N/HLH
motif: ARCH1533_BHLH112
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 462
gene expression correlation: 0.1882
gene score correlation: 0.1878

Nvec_vc1.1_XM_032375721.2
OG: zf−C2H2.HG119.0:NA
PFAM: zf−C2H2/zf−C2H2/zf−C2H2
motif: ARCH1368_M04483_2.00__M04
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: TRUE
rank: 428
gene expression correlation: −0.0114
gene score correlation: 0.1084

Nvec_vc1.1_XM_032375915.2
OG: zf−C2H2.HG4.0:like:GLI1/GLI2/GL
PFAM: zf−C2H2/zf−C2H2
motif: ARCH353_M06062_2.00__M064
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 1
gene expression correlation: 0.5818
gene score correlation: 0.8182

Nvec_vc1.1_XM_032376554.2
OG: zf−C2H2.HG1.17:like:AC008758.1/
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C
motif: ARCH836_M08316_2.00__M089
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 51
gene expression correlation: 0.8737
gene score correlation: 0.6361

Nvec_vc1.1_XM_032376608.2
OG: Homeodomains.HG3.20:MEIS1/ME
PFAM: Meis_PKNOX_N/Homeobox_KN
motif: ARCH1504_Meis3/Meis2/Meis1_
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 1
gene expression correlation: 0.5795
gene score correlation: 0.8807

Nvec_vc1.1_XM_032376736.2
OG: zf−C2H2.HG3.23:like:HINFP/RREB
PFAM: zf−C2H2_6/zf−C2H2/zf−C2H2_6
motif: ARCH497_M03679_2.00
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 27
gene expression correlation: 0.0594
gene score correlation: 0.4024

Nvec_vc1.1_XM_032376926.2
OG: bZIP.HG3.2:like:MAF/MAFA/MAFB
PFAM: bZIP_Maf
motif: ARCH1281_Cic_Hbp1_Sox13/So
TF family: bZIP
archetype family: bZIP
CisBP assigned: TRUE
rank: 819
gene expression correlation: −0.2204
gene score correlation: −0.1814

Nvec_vc1.1_XM_032376930.1
OG: zf−C2H2.HG130.0:NA
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C
motif: ARCH1201_Gfi1b/Gfi1
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 170
gene expression correlation: 0.6957
gene score correlation: 0.3668

Nvec_vc1.1_XM_032376939.2
OG: Homeodomains.HG2.15:LEUTX
PFAM: CUT/Homeodomain/Homeodom
motif: ARCH1546_Meis3/Meis2/Meis1_
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 2
gene expression correlation: 0.1516
gene score correlation: 0.5795

Nvec_vc1.1_XM_032377135.2
OG: Homeodomains.HG1.49:like:NOTO
PFAM: Homeodomain
motif: ARCH146_Alx3/Alx4/Alx1_Barx...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 148
gene expression correlation: 0.0842
gene score correlation: 0.0578

Nvec_vc1.1_XM_032377390.2
OG: Homeodomains.HG1.42:VAX1/VAX
PFAM: Homeodomain
motif: ARCH52_Alx3/Alx4/Alx1_Barx2...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 7
gene expression correlation: 0.4652
gene score correlation: 0.4032

Nvec_vc1.1_XM_032377792.2
OG: MADS−box_SRF.HG1.2:BORCS8−
PFAM: SRF−TF/HJURP_C
motif: ARCH1333_Mef2c/Mef2b/Mef2a/
TF family: MADS−box_SRF
archetype family: MADS−box_SRF
CisBP assigned: TRUE
rank: 18
gene expression correlation: 0.1611
gene score correlation: −0.0796

Nvec_vc1.1_XM_032377883.2
OG: P53.HG1.6:like:TP53/TP63/TP73
PFAM: P53
motif: ARCH910_p53
TF family: P53
archetype family: P53
CisBP assigned: FALSE
rank: 950
gene expression correlation: −0.1496
gene score correlation: −0.0203

Nvec_vc1.1_XM_032378000.2
OG: Homeodomains.HG1.27:like:AC004
PFAM: Homeodomain
motif: ARCH1055_MF0010.1_Homeobo
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 574
gene expression correlation: 0.7888
gene score correlation: 0.0702

Nvec_vc1.1_XM_032378255.2
OG: zf−C2H2.HG105.0:NA
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C
motif: ARCH1370_M05856_2.00
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: TRUE
rank: 868
gene expression correlation: −0.4417
gene score correlation: −0.2071

Nvec_vc1.1_XM_032378312.2
OG: zf−C2H2.HG119.1:NA
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C
motif: ARCH1600_ZIC1
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 17
gene expression correlation: 0.2256
gene score correlation: 0.4986

Nvec_vc1.1_XM_032378323.2
OG: zf−C2H2.HG9.0:PLAGL1/PLAGL2/
PFAM: zf−C2H2/zf−C2H2
motif: ARCH1255_Yy1
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 3
gene expression correlation: 0.0590
gene score correlation: 0.5524

Nvec_vc1.1_XM_032378402.2
OG: E2F_TDP.HG1.1:TFDP1/TFDP2/T
PFAM: E2F_TDP/DP
motif: ARCH367_/E2f4_E2f6_E2f8/E2f..
TF family: E2F_TDP
archetype family: E2F_TDP
CisBP assigned: TRUE
rank: 342
gene expression correlation: −0.5293
gene score correlation: −0.1110

Nvec_vc1.1_XM_032378403.2
OG: zf−C2H2.HG1.209:like:AC008758.1
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C
motif: ARCH827_Vezf1/Maz
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: TRUE
rank: 577
gene expression correlation: −0.1857
gene score correlation: 0.1313

Nvec_vc1.1_XM_032378442.2
OG: Myb.HG3.0:like:HSPA14/MSANTD1
PFAM: Myb_DNA−bind_4
motif: ARCH153_Msantd2_Rcor1/Rcor2
TF family: Myb
archetype family: Myb
CisBP assigned: TRUE
rank: 563
gene expression correlation: −0.1254
gene score correlation: 0.3435

Nvec_vc1.1_XM_032378649.2
OG: bZIP.HG1.10:like:ATF3/FOS/FOSB
PFAM: bZIP_1
motif: ARCH1583_Crem/Creb1/Atf1
TF family: bZIP
archetype family: bZIP
CisBP assigned: FALSE
rank: 111
gene expression correlation: −0.1848
gene score correlation: 0.5703

Nvec_vc1.1_XM_032378769.2
OG: Homeodomains.HG1.23:like:HHEX
PFAM: Homeodomain
motif: ARCH273_HOXD3
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 57
gene expression correlation: 0.6304
gene score correlation: 0.6321

Nvec_vc1.1_XM_032378779.2
OG: Homeodomains.HG1.23:like:HHEX
PFAM: Homeodomain
motif: ARCH273_HOXD3
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 58
gene expression correlation: 0.6308
gene score correlation: 0.6029

Nvec_vc1.1_XM_032378839.2
OG: Forkhead.HG1.14:like:FOXN1/FOX
PFAM: Forkhead
motif: ARCH829_PB0121.1_Foxj3_2
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: FALSE
rank: 5
gene expression correlation: 0.4321
gene score correlation: 0.5927

Nvec_vc1.1_XM_032378941.2
OG: zf−C2H2.HG117.0:ZNF800
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C
motif: ARCH1253_Yy1
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 10
gene expression correlation: −0.0693
gene score correlation: 0.1337

Nvec_vc1.1_XM_032379152.2
OG: Forkhead.HG1.13:like:FOXN1/FOX
PFAM: Forkhead
motif: ARCH971_Foxc2/Foxc1_Foxd2/F
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: TRUE
rank: 62
gene expression correlation: 0.0683
gene score correlation: 0.2791

Nvec_vc1.1_XM_032379347.2
OG: Homeodomains.HG2.29:PAX4/PAX
PFAM: PAX/Homeodomain
motif: ARCH63_Pax5/Pax8/Pax2
TF family: Pax/Homeodomain
archetype family: Pax/Homeodomain
CisBP assigned: TRUE
rank: 432
gene expression correlation: 0.0797
gene score correlation: 0.3150

Nvec_vc1.1_XM_032379348.2
OG: Homeodomains.HG2.72:like:DMBX
PFAM: Homeodomain
motif: ARCH636_Six1/_Six3/Six6_Six...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 26
gene expression correlation: 0.6665
gene score correlation: 0.5759

Nvec_vc1.1_XM_032379394.2
OG: Homeodomains.HG2.77:like:DMBX
PFAM: Homeodomain
motif: ARCH1437_
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 275
gene expression correlation: 0.4852
gene score correlation: 0.3263

Nvec_vc1.1_XM_032379398.2
OG: Homeodomains.HG2.75:DMBX1
PFAM: Homeodomain
motif: ARCH1362_Six1/_Six4/Six5
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 37
gene expression correlation: 0.3262
gene score correlation: 0.5074

Nvec_vc1.1_XM_032379400.2
OG: Homeodomains.HG2.76:like:DMBX
PFAM: Homeodomain
motif: Nvec_vc1.1_XM_032379400.2_H
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 0
gene expression correlation: 0.3015
gene score correlation: 0.4334

Nvec_vc1.1_XM_032379457.2
OG: Homeodomains.HG4.2:POU1F1
PFAM: Pou/Homeodomain
motif: ARCH950_POU6F1
TF family: Pou/Homeodomain
archetype family: Pou/Homeodomain
CisBP assigned: FALSE
rank: 22
gene expression correlation: 0.4994
gene score correlation: 0.3957

Nvec_vc1.1_XM_032379498.2
OG: zf−C2H2.HG1.6:like:AC008758.1/A
PFAM: zf−C2H2/zf−C2H2/zf−C2H2_4
motif: ARCH1368_M04483_2.00__M04
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 52
gene expression correlation: 0.1353
gene score correlation: 0.0576

Nvec_vc1.1_XM_032379677.2
OG: zf−C2H2.HG1.35:FEZF1/FEZF2/G
PFAM: zf−C2H2/zf−C2H2_6/zf−C2H2/z
motif: ARCH743_BPC1__M06113_2.00
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 8
gene expression correlation: 0.3578
gene score correlation: 0.5292

Nvec_vc1.1_XM_032379723.2
OG: Homeodomains.HG2.66:ALX1/ALX
PFAM: Homeodomain/OAR
motif: ARCH1362_Six1/_Six4/Six5
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 8
gene expression correlation: 0.3033
gene score correlation: 0.6808

Nvec_vc1.1_XM_032380001.2
OG: Homeodomains.HG1.27:like:AC004
PFAM: Homeodomain
motif: ARCH294_Emx1/Emx2_Hmx1/Hr
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 1669
gene expression correlation: 0.3002
gene score correlation: −0.2128

Nvec_vc1.1_XM_032380131.2
OG: HMGbox_Sox.HG1.38:SSRP1
PFAM: POB3_N/SSrecog/Rtt106/HMG_
motif: ARCH76_CES−1__PB0171.1_Sc
TF family: HMGbox_Sox
archetype family: HMGbox_Sox
CisBP assigned: FALSE
rank: 34
gene expression correlation: −0.4120
gene score correlation: 0.3566

Nvec_vc1.1_XM_032380148.2
OG: T−box.HG1.2:like:MGA/TBX1/TBX2
PFAM: T−box
motif: ARCH485_Tbx3/Tbx2
TF family: T−box
archetype family: T−box
CisBP assigned: FALSE
rank: 1
gene expression correlation: 0.9383
gene score correlation: 0.9359

Nvec_vc1.1_XM_032380190.2
OG: Homeodomains.HG3.20:MEIS1/ME
PFAM: Meis_PKNOX_N/Homeobox_KN
motif: ARCH146_Alx3/Alx4/Alx1_Barx...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 214
gene expression correlation: 0.1584
gene score correlation: 0.3922

Nvec_vc1.1_XM_032380209.2
OG: HLH.HG1.40:USF1/USF2
PFAM: HLH
motif: ARCH1569_FEA4__E−box
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 32
gene expression correlation: −0.2034
gene score correlation: 0.0964

Nvec_vc1.1_XM_032380334.2
OG: RFX.HG1.6:like:RFX6
PFAM: RFX_DNA_binding
motif: ARCH864_/Rfx5
TF family: RFX
archetype family: RFX
CisBP assigned: FALSE
rank: 2
gene expression correlation: 0.6064
gene score correlation: 0.4028

Nvec_vc1.1_XM_032380417.2
OG: zf−C2H2.HG2.2:like:MTF1/ZNF76/
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C
motif: ARCH496_Zic3
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 18
gene expression correlation: 0.0937
gene score correlation: 0.1097

Nvec_vc1.1_XM_032380573.2
OG: SMAD_MH1.HG1.0:SMAD6/SMAD
PFAM: MH1/MH2
motif: ARCH718_Smad2/Smad3_Smad
TF family: SMAD_MH1
archetype family: SMAD_MH1
CisBP assigned: FALSE
rank: 31
gene expression correlation: 0.2346
gene score correlation: 0.2101

Nvec_vc1.1_XM_032380735.2
OG: E2F_TDP.HG1.4:E2F1/E2F2/E2F3
PFAM: E2F_TDP/E2F_CC−MB
motif: ARCH394_/E2f4_E2f6_E2f8/E2f7
TF family: E2F_TDP
archetype family: E2F_TDP
CisBP assigned: FALSE
rank: 328
gene expression correlation: −0.0258
gene score correlation: 0.1515

Nvec_vc1.1_XM_032380975.2
OG: Ets.HG1.5:ERF/ERFL/ERG/ETV3/E
PFAM: SAM_PNT/Ets
motif: ARCH584_Elf3/Ehf/Elf5_Erg/F...
TF family: Ets
archetype family: Ets
CisBP assigned: TRUE
rank: 162
gene expression correlation: 0.7363
gene score correlation: 0.5487

Nvec_vc1.1_XM_032381020.2
OG: zf−C2H2.HG4.7:like:ZIC1/ZIC2/ZIC
PFAM: zf_ZIC/zf−C2H2/zf−C2H2
motif: ARCH386_PB0102.1_Zic2_1
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 104
gene expression correlation: 0.3862
gene score correlation: 0.4459

Nvec_vc1.1_XM_032381059.2
OG: Homeodomains.HG3.2:CERS2/CE
PFAM: Homeodomain/TRAM_LAG1_CL
motif: ARCH1315_M05248_2.00
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 85
gene expression correlation: 0.0045
gene score correlation: 0.1289

Nvec_vc1.1_XM_032381099.2
OG: Homeodomains.HG1.27:like:AC004
PFAM: Homeodomain
motif: ARCH273_HOXD3
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 65
gene expression correlation: −0.0780
gene score correlation: 0.5697

Nvec_vc1.1_XM_032381270.2
OG: zf−C2H2.HG7.4:SCRT1/SCRT2
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C
motif: Scrt2/Scrt1_homer
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 0
gene expression correlation: −0.1786
gene score correlation: −0.0988

Nvec_vc1.1_XM_032381562.2
OG: zf−C2H2.HG2.18:like:KLF5/KLF6/K
PFAM: zf−C2H2/zf−C2H2/zf−C2H2
motif: Klf8_streme
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: TRUE
rank: 0
gene expression correlation: −0.4308
gene score correlation: −0.1350

Nvec_vc1.1_XM_032381586.2
OG: zf−C2H2.HG2.21:KLF5
PFAM: zf−C2H2/zf−C2H2/zf−C2H2
motif: Klf5_homer
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: TRUE
rank: 0
gene expression correlation: 0.3714
gene score correlation: 0.4696

Nvec_vc1.1_XM_032381587.2
OG: HMGbox_Sox.HG1.51:like:SMARC
PFAM: HMG_box
motif: ARCH76_CES−1__PB0171.1_Sc
TF family: HMGbox_Sox
archetype family: HMGbox_Sox
CisBP assigned: FALSE
rank: 85
gene expression correlation: 0.3933
gene score correlation: 0.4691

Nvec_vc1.1_XM_032381617.2
OG: Doublesex_DM.HG1.18:like:DMRT
PFAM: DM
motif: ARCH626_PRDM10
TF family: Doublesex_DM
archetype family: Doublesex_DM
CisBP assigned: FALSE
rank: 475
gene expression correlation: 0.1556
gene score correlation: 0.1970

Nvec_vc1.1_XM_032381719.2
OG: zf−C2H2.HG1.122:ZNF367
PFAM: zf−C2H2_6/zf−C2H2
motif: ARCH1204_ARR1__ZNF24
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 101
gene expression correlation: 0.1603
gene score correlation: 0.2991

Nvec_vc1.1_XM_032381869.2
OG: HLH.HG1.64:like:ASCL1/ASCL2/A
PFAM: HLH
motif: ARCH1533_BHLH112
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 31
gene expression correlation: 0.3789
gene score correlation: 0.4806

Nvec_vc1.1_XM_032382002.2
OG: zf−C2H2.HG8.0:ZNF576/ZNF683/Z
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C
motif: ARCH1368_M04483_2.00__M04
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 246
gene expression correlation: −0.1636
gene score correlation: 0.1777

Nvec_vc1.1_XM_032382158.2
OG: HLH.HG1.45:TCF3/TCF4/TCF12
PFAM: HLH
motif: ARCH867_ZEB1__PL0011.1_hlh
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 161
gene expression correlation: 0.2830
gene score correlation: 0.3788

Nvec_vc1.1_XM_032382185.2
OG: Myb.HG1.7:like:TERB1/TERF2
PFAM: Myb_DNA−binding/Myb_DNA−b
motif: ARCH1391_MYB113
TF family: Myb
archetype family: Myb
CisBP assigned: FALSE
rank: 208
gene expression correlation: 0.3666
gene score correlation: 0.0933

Nvec_vc1.1_XM_032382208.2
OG: zf−C2H2.HG94.0:NA
PFAM: zf−C2H2/zf−C2H2_4/zf−C2H2/z
motif: ARCH1201_Gfi1b/Gfi1
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 52
gene expression correlation: 0.1937
gene score correlation: 0.6890

Nvec_vc1.1_XM_032382255.2
OG: zf−C2H2.HG1.11:like:AC008758.1/
PFAM: zf−C2H2/zf−C2H2_6/zf−C2H2/z
motif: ARCH353_M06062_2.00__M064
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 17
gene expression correlation: 0.2528
gene score correlation: 0.3137

Nvec_vc1.1_XM_032382395.2
OG: Homeodomains.HG3.34:TGIF1
PFAM: Homeobox_KN
motif: ARCH1502_Meis3/Meis2/Meis1_
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 41
gene expression correlation: −0.1175
gene score correlation: 0.0751

Nvec_vc1.1_XM_032382402.2
OG: zf−C2H2.HG1.24:like:AC008758.1/
PFAM: zf−C2H2/zf−C2H2/zf−C2H2
motif: ARCH502_M06063_2.00
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 1
gene expression correlation: 0.3870
gene score correlation: 0.3493

Nvec_vc1.1_XM_032382466.2
OG: bZIP.HG2.5:CEBPA/CEBPB/CEBP
PFAM: bZIP_2
motif: Cebpd/Cebpe/Cebpa/Cebpb_dim
TF family: bZIP
archetype family: bZIP
CisBP assigned: FALSE
rank: 0
gene expression correlation: 0.2765
gene score correlation: 0.3523

Nvec_vc1.1_XM_032382493.2
OG: bZIP.HG2.10:DBP/HLF/TEF
PFAM: bZIP_2
motif: ARCH944_M04019_2.00__bHLH
TF family: bZIP
archetype family: bZIP
CisBP assigned: FALSE
rank: 62
gene expression correlation: −0.1488
gene score correlation: −0.0170

Nvec_vc1.1_XM_032382579.2
OG: zf−C2H2.HG10.1:ZFP3/ZNF319/ZN
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C
motif: ARCH353_M06062_2.00__M064
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 1
gene expression correlation: 0.2151
gene score correlation: 0.5912

Nvec_vc1.1_XM_032382712.2
OG: RFX.HG1.1:RFX5/RFX7
PFAM: RFX5_N/RFX_DNA_binding
motif: ARCH653_/Rfx5
TF family: RFX
archetype family: RFX
CisBP assigned: TRUE
rank: 303
gene expression correlation: −0.0113
gene score correlation: 0.0381

Nvec_vc1.1_XM_032382719.2
OG: P53.HG1.5:like:TP53/TP63/TP73
PFAM: P53/P53_tetramer
motif: ARCH910_p53
TF family: P53
archetype family: P53
CisBP assigned: FALSE
rank: 236
gene expression correlation: 0.1865
gene score correlation: 0.2022

Nvec_vc1.1_XM_032383547.2
OG: zf−C2H2.HG1.10:like:AC008758.1/
PFAM: zf−C2H2/zf−H2C2_2/zf−C2H2/z
motif: ARCH523_Yy1
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 4
gene expression correlation: 0.0916
gene score correlation: 0.4732

Nvec_vc1.1_XM_032383560.2
OG: Homeodomains.HG2.69:OTP
PFAM: Homeodomain/OAR
motif: ARCH233_Alx3/Alx4/Alx1_Barx...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 1
gene expression correlation: 0.2943
gene score correlation: 0.2737

Nvec_vc1.1_XM_032383663.2
OG: Homeodomains.HG1.27:like:AC004
PFAM: Homeodomain
motif: ARCH70_M02142_2.00
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 1098
gene expression correlation: −0.1349
gene score correlation: −0.0596

Nvec_vc1.1_XM_032383677.2
OG: Homeodomains.HG1.70:HOXA2/H
PFAM: Homeodomain
motif: ARCH1362_Six1/_Six4/Six5
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 2
gene expression correlation: 0.4635
gene score correlation: 0.8450

Nvec_vc1.1_XM_032383681.2
OG: Homeodomains.HG1.51:like:AC004
PFAM: Homeodomain
motif: ARCH243_Alx3/Alx4/Alx1_Hlx_...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 29
gene expression correlation: 0.2489
gene score correlation: 0.4753

Nvec_vc1.1_XM_032383693.2
OG: Homeodomains.HG1.53:MNX1
PFAM: Homeodomain
motif: ARCH1546_Meis3/Meis2/Meis1_
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 50
gene expression correlation: 0.3808
gene score correlation: 0.5158

Nvec_vc1.1_XM_032383695.2
OG: Homeodomains.HG1.52:EVX1/EVX
PFAM: Homeodomain
motif: ARCH181_Barx2/Barx1_Dlx4/Dl...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 71
gene expression correlation: 0.1289
gene score correlation: 0.2223

Nvec_vc1.1_XM_032383717.2
OG: bZIP.HG2.0:like:CEBPA/CEBPB/CI
PFAM: bZIP_2
motif: ARCH640_Cebpd/Cebpe/Cebpa/
TF family: bZIP
archetype family: bZIP
CisBP assigned: TRUE
rank: 555
gene expression correlation: 0.0610
gene score correlation: 0.0590

Nvec_vc1.1_XM_032383905.2
OG: HLH.HG1.11:HEY1/HEY2/HEYL
PFAM: HLH
motif: ARCH1533_BHLH112
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 404
gene expression correlation: 0.3929
gene score correlation: 0.2298

Nvec_vc1.1_XM_032383907.2
OG: bZIP.HG1.4:ATF2/ATF7/ATF7−NPF
PFAM: bZIP_1
motif: ARCH1610_Atf3/Jdp2_Atf7/Gm2.
TF family: bZIP
archetype family: bZIP
CisBP assigned: TRUE
rank: 146
gene expression correlation: 0.1157
gene score correlation: 0.4031

Nvec_vc1.1_XM_032383925.2
OG: Homeodomains.HG1.21:BARX1/BA
PFAM: Homeodomain
motif: ARCH1545_Meis3/Meis2/Meis1_
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 7
gene expression correlation: 0.4561
gene score correlation: 0.6673

Nvec_vc1.1_XM_032383948.2
OG: Homeodomains.HG1.57:GBX1/GB
PFAM: Homeodomain
motif: ARCH1437_
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 1
gene expression correlation: −0.1540
gene score correlation: 0.6980

Nvec_vc1.1_XM_032383979.2
OG: P53.HG1.4:TP53/TP63/TP73
PFAM: P53
motif: ARCH910_p53
TF family: P53
archetype family: P53
CisBP assigned: FALSE
rank: 281
gene expression correlation: 0.2218
gene score correlation: 0.5905

Nvec_vc1.1_XM_032384063.2
OG: HLH.HG1.53:HES5/HES7
PFAM: HLH
motif: ARCH1533_BHLH112
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 27
gene expression correlation: 0.2406
gene score correlation: 0.4152

Nvec_vc1.1_XM_032384091.2
OG: Doublesex_DM.HG1.14:like:DMRT
PFAM: DM/DMA
motif: ARCH661_Dmrt1
TF family: Doublesex_DM
archetype family: Doublesex_DM
CisBP assigned: FALSE
rank: 46
gene expression correlation: 0.1421
gene score correlation: 0.2296

Nvec_vc1.1_XM_032384126.2
OG: Forkhead.HG1.17:like:FOXI1/FOXI
PFAM: Forkhead
motif: ARCH964_Foxc2/Foxc1_Foxg1/G
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: FALSE
rank: 4
gene expression correlation: 0.0471
gene score correlation: 0.2076

Nvec_vc1.1_XM_032384134.2
OG: zf−C2H2.HG3.3:ZNF641
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C
motif: ARCH530_Snai2
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 14
gene expression correlation: 0.6114
gene score correlation: 0.5185

Nvec_vc1.1_XM_032384172.2
OG: zf−C2H2.HG1.40:GZF1/ZBTB24
PFAM: zf−C2H2_6/zf−C2H2/zf−C2H2/zf
motif: ARCH1345_Gfi1b/Gfi1
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 106
gene expression correlation: 0.3699
gene score correlation: 0.2342

Nvec_vc1.1_XM_032384228.2
OG: HMGbox_Sox.HG1.26:like:SOX8/S
PFAM: HMG_box
motif: ARCH1414_SOX14
TF family: HMGbox_Sox
archetype family: HMGbox_Sox
CisBP assigned: FALSE
rank: 8
gene expression correlation: 0.0486
gene score correlation: 0.4674

Nvec_vc1.1_XM_032384300.2
OG: bZIP.HG3.0:MAFF/MAFG/MAFK
PFAM: bZIP_Maf
motif: ARCH1281_Cic_Hbp1_Sox13/So
TF family: bZIP
archetype family: bZIP
CisBP assigned: TRUE
rank: 485
gene expression correlation: −0.3157
gene score correlation: 0.1953

Nvec_vc1.1_XM_032384447.2
OG: zf−C2H2.HG2.14:SP1/SP2/SP3/SP
PFAM: zf−C2H2/zf−C2H2/zf−C2H2
motif: ARCH357_Egr3/Egr1_Sp6/Sp5_S
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: TRUE
rank: 387
gene expression correlation: −0.0104
gene score correlation: −0.0919

Nvec_vc1.1_XM_032384450.2
OG: zf−C2H2.HG2.14:SP1/SP2/SP3/SP
PFAM: zf−C2H2/zf−C2H2/zf−C2H2
motif: ARCH5_Egr3/Egr1_Klf5_Klf7_S..
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: TRUE
rank: 636
gene expression correlation: −0.0561
gene score correlation: 0.0844

Nvec_vc1.1_XM_032384474.2
OG: HLH.HG1.85:SCX/TCF15
PFAM: HLH
motif: ARCH1118_PL0012.1_hlh−2::hlh
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 388
gene expression correlation: 0.2003
gene score correlation: 0.0588

Nvec_vc1.1_XM_032384492.2
OG: HLH.HG1.93:like:SCX/TCF15
PFAM: HLH
motif: ARCH144_BHLHE23
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 488
gene expression correlation: 0.8065
gene score correlation: 0.1955

Nvec_vc1.1_XM_032384768.2
OG: zf−C2H2.HG3.0:like:AC002310.4/B
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C
motif: ARCH419_Yy1
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 7
gene expression correlation: 0.0249
gene score correlation: 0.8139

Nvec_vc1.1_XM_032384912.2
OG: zf−C2H2.HG1.78:like:AC008758.1/
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C
motif: ARCH596_Znf263
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 27
gene expression correlation: 0.1487
gene score correlation: 0.0954

Nvec_vc1.1_XM_032384949.2
OG: Homeodomains.HG2.8:LHX2/LHX9
PFAM: LIM/LIM/Homeodomain
motif: ARCH302_Emx1/Emx2_Hmx1/Hr
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 2
gene expression correlation: 0.3296
gene score correlation: 0.4363

Nvec_vc1.1_XM_032385045.2
OG: Homeodomains.HG1.21:BARX1/BA
PFAM: Homeodomain
motif: ARCH1055_MF0010.1_Homeobo
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 601
gene expression correlation: 0.7885
gene score correlation: 0.6232

Nvec_vc1.1_XM_032385089.2
OG: Ets.HG1.7:GABPA
PFAM: Ets
motif: ARCH587_Elf3/Ehf/Elf5_Erg/F...
TF family: Ets
archetype family: Ets
CisBP assigned: TRUE
rank: 47
gene expression correlation: 0.2365
gene score correlation: 0.5574

Nvec_vc1.1_XM_032385169.2
OG: Homeodomains.HG1.71:like:NOTO
PFAM: Homeodomain
motif: ARCH103_Hnf1a/Hnf1b
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 34
gene expression correlation: 0.0314
gene score correlation: 0.1919

Nvec_vc1.1_XM_032385373.2
OG: zf−C2H2.HG13.5:GLI4/ZFP90/ZNF
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C
motif: ARCH1204_ARR1__ZNF24
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 1050
gene expression correlation: 0.5247
gene score correlation: 0.2207

Nvec_vc1.1_XM_032385556.2
OG: Homeodomains.HG4.9:like:POU3F
PFAM: Pou/Homeodomain
motif: ARCH950_POU6F1
TF family: Pou/Homeodomain
archetype family: Pou/Homeodomain
CisBP assigned: FALSE
rank: 63
gene expression correlation: −0.0930
gene score correlation: 0.5684

Nvec_vc1.1_XM_032385569.2
OG: HLH.HG1.0:AC019117.4/AHR/AHR
PFAM: HLH/PAS/PAS_11
motif: ARCH867_ZEB1__PL0011.1_hlh
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 285
gene expression correlation: 0.1858
gene score correlation: 0.0664

Nvec_vc1.1_XM_032385577.2
OG: Homeodomains.HG3.2:CERS2/CE
PFAM: Homeodomain/TRAM_LAG1_CL
motif: ARCH17_Alx3/Alx4/Alx1_Barx2...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 47
gene expression correlation: −0.1001
gene score correlation: 0.2538

Nvec_vc1.1_XM_032385715.2
OG: E2F_TDP.HG1.4:E2F1/E2F2/E2F3
PFAM: E2F_TDP/E2F_CC−MB
motif: ARCH394_/E2f4_E2f6_E2f8/E2f7
TF family: E2F_TDP
archetype family: E2F_TDP
CisBP assigned: FALSE
rank: 81
gene expression correlation: 0.1110
gene score correlation: 0.1195

Nvec_vc1.1_XM_032385746.2
OG: Myb.HG1.2:DMTF1/TTF1
PFAM: Myb_DNA−binding/Myb_DNA−b
motif: ARCH1379_MYB17
TF family: Myb
archetype family: Myb
CisBP assigned: FALSE
rank: 20
gene expression correlation: 0.1558
gene score correlation: 0.0487

Nvec_vc1.1_XM_032385963.2
OG: zf−C2H2.HG8.0:ZNF576/ZNF683/Z
PFAM: zf−C2H2/zf−C2H2
motif: ARCH836_M08316_2.00__M089
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: TRUE
rank: 345
gene expression correlation: −0.0744
gene score correlation: 0.0619

Nvec_vc1.1_XM_032386356.2
OG: HLH.HG1.25:SREBF1/SREBF2
PFAM: HLH
motif: ARCH867_ZEB1__PL0011.1_hlh
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 357
gene expression correlation: 0.4285
gene score correlation: 0.2649

Nvec_vc1.1_XM_032386464.2
OG: HLH.HG1.51:ID1/ID2/ID3/ID4
PFAM: HLH
motif: ARCH1373_bHLH130
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 257
gene expression correlation: −0.0033
gene score correlation: −0.1313

Nvec_vc1.1_XM_032386968.2
OG: zf−C2H2.HG1.116:like:AC008758.1
PFAM: zf−C2H2/zf−C2H2_4
motif: ARCH1253_Yy1
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 2
gene expression correlation: 0.2754
gene score correlation: 0.4730

Nvec_vc1.1_XM_032386992.2
OG: Homeodomains.HG3.13:ONECUT1
PFAM: CUT/Homeodomain
motif: ARCH17_Alx3/Alx4/Alx1_Barx2...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 40
gene expression correlation: 0.3981
gene score correlation: 0.4492

Nvec_vc1.1_XM_032387080.2
OG: zf−C2H2.HG1.192:like:AC008758.1
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C
motif: ARCH1204_ARR1__ZNF24
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 22
gene expression correlation: −0.0232
gene score correlation: 0.4268

Nvec_vc1.1_XM_032387218.2
OG: zf−C2H2.HG57.1:like:ZBTB48
PFAM: zf−C2H2_6/zf−C2H2_6/zf−met/z
motif: ARCH627_ZNF189
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 56
gene expression correlation: −0.2004
gene score correlation: 0.3622

Nvec_vc1.1_XM_032387281.2
OG: zf−C2H2.HG15.1:OVOL1/OVOL2/C
PFAM: zf−C2H2/zf−C2H2/zf−C2H2
motif: ARCH1201_Gfi1b/Gfi1
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 460
gene expression correlation: 0.6937
gene score correlation: −0.0649

Nvec_vc1.1_XM_032387283.2
OG: zf−C2H2.HG15.1:OVOL1/OVOL2/C
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C
motif: ARCH1368_M04483_2.00__M04
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 67
gene expression correlation: 0.0651
gene score correlation: 0.1248

Nvec_vc1.1_XM_032387318.2
OG: HLH.HG1.15:like:TFAP4
PFAM: HLH
motif: Nvec_vc1.1_XM_032387318.2_H
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 0
gene expression correlation: 0.1369
gene score correlation: 0.3538

Nvec_vc1.1_XM_048719424.1
OG: zf−C2H2.HG1.36:like:AC008758.1/
PFAM: zf−C2H2/zf−C2H2
motif: ARCH1245_Egr3/Egr1
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 2
gene expression correlation: 0.1997
gene score correlation: −0.1399

Nvec_vc1.1_XM_048719441.1
OG: zf−C2H2.HG24.0:ZNF599/ZSCAN2
PFAM: zf−C2H2/zf−C2H2_3rep/zf−C2H
motif: ARCH1206_M08277_2.00__M08
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 6
gene expression correlation: 0.2078
gene score correlation: 0.4578

Nvec_vc1.1_XM_048719714.1
OG: zf−C2H2.HG116.1:NA
PFAM: zf−C2H2/zf−C2H2
motif: ARCH348_Klf11_Klf5_Klf7_Klf8
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 200
gene expression correlation: −0.0068
gene score correlation: 0.3575

Nvec_vc1.1_XM_048720215.1
OG: zf−C2H2.HG116.0:NA
PFAM: zf−C2H2/zf−C2H2
motif: ARCH1201_Gfi1b/Gfi1
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 684
gene expression correlation: 0.6964
gene score correlation: 0.2485

Nvec_vc1.1_XM_048720219.1
OG: zf−C2H2.HG1.36:like:AC008758.1/
PFAM: zf−C2H2/zf−C2H2
motif: ARCH341_Klf11_Klf15_Sp6/Sp5.
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 111
gene expression correlation: 0.2016
gene score correlation: 0.1215

Nvec_vc1.1_XM_048720635.1
OG: THAP_finger.HG1.0:AC073612.1/T
PFAM: THAP
motif: ARCH1254_M08020_2.00
TF family: THAP_finger
archetype family: THAP_finger
CisBP assigned: FALSE
rank: 297
gene expression correlation: −0.0956
gene score correlation: 0.3320

Nvec_vc1.1_XM_048720727.1
OG: IRF.HG1.1:IRF1/IRF2/IRF3/IRF4/IR
PFAM: IRF/IRF−3
motif: ARCH590_T1ISRE__IRF2
TF family: IRF
archetype family: IRF
CisBP assigned: FALSE
rank: 18
gene expression correlation: 0.6299
gene score correlation: 0.6073

Nvec_vc1.1_XM_048721315.1
OG: HLH.HG1.31:like:ASCL1/ASCL2/A
PFAM: HLH
motif: ARCH144_BHLHE23
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 1021
gene expression correlation: 0.8003
gene score correlation: 0.0664

Nvec_vc1.1_XM_048721411.1
OG: zf−C2H2.HG66.0:ZNF8
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C
motif: ARCH1345_Gfi1b/Gfi1
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 59
gene expression correlation: 0.4092
gene score correlation: 0.3595

Nvec_vc1.1_XM_048721414.1
OG: zf−C2H2.HG1.7:PRDM13
PFAM: zf−C2H2/zf−C2H2/zf−C2H2
motif: ARCH861_Scrt2/Scrt1
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 1
gene expression correlation: 0.4886
gene score correlation: 0.5536

Nvec_vc1.1_XM_048721452.1
OG: HMGbox_Sox.HG1.62:like:NSD2
PFAM: WD40/WD40/Mcl1_mid/HMG_bo
motif: ARCH128_PB0068.1_Sox1_1
TF family: HMGbox_Sox
archetype family: HMGbox_Sox
CisBP assigned: FALSE
rank: 302
gene expression correlation: −0.0981
gene score correlation: 0.0358

Nvec_vc1.1_XM_048721581.1
OG: zf−C2H2.HG1.29:like:AC008758.1/
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C
motif: ARCH353_M06062_2.00__M064
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 2
gene expression correlation: 0.3346
gene score correlation: 0.5316

Nvec_vc1.1_XM_048721609.1
OG: Myb.HG3.0:like:HSPA14/MSANTD1
PFAM: Myb_DNA−bind_4
motif: ARCH193_MYB116
TF family: Myb
archetype family: Myb
CisBP assigned: FALSE
rank: 2
gene expression correlation: 0.2299
gene score correlation: −0.1028

Nvec_vc1.1_XM_048721905.1
OG: zf−C2H2.HG10.1:ZFP3/ZNF319/ZN
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C
motif: ARCH1369_Zfp7/Gm21060
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: TRUE
rank: 923
gene expression correlation: 0.0483
gene score correlation: −0.1624

Nvec_vc1.1_XM_048721909.1
OG: zf−C2H2.HG10.1:ZFP3/ZNF319/ZN
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C
motif: ARCH1311_Yy1
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 17
gene expression correlation: −0.1092
gene score correlation: 0.3666

Nvec_vc1.1_XM_048722339.1
OG: HLH.HG1.0:AC019117.4/AHR/AHR
PFAM: HLH/PAS
motif: ARCH473_bHLH80__ZSCAN4
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 75
gene expression correlation: 0.1313
gene score correlation: 0.0848

Nvec_vc1.1_XM_048722428.1
OG: E2F_TDP.HG1.4:E2F1/E2F2/E2F3
PFAM: E2F_TDP/E2F_CC−MB
motif: ARCH394_/E2f4_E2f6_E2f8/E2f7
TF family: E2F_TDP
archetype family: E2F_TDP
CisBP assigned: FALSE
rank: 288
gene expression correlation: −0.0048
gene score correlation: −0.0968

Nvec_vc1.1_XM_048722500.1
OG: TEA.HG1.0:TEAD1/TEAD2/TEAD3
PFAM: TEA/YBD
motif: ARCH700_TEAD3__TEAD1
TF family: TEA
archetype family: TEA
CisBP assigned: FALSE
rank: 28
gene expression correlation: 0.3376
gene score correlation: 0.4499

Nvec_vc1.1_XM_048722594.1
OG: ARID_BRIGHT.HG1.3:ARID2
PFAM: ARID/RFX_DNA_binding
motif: ARCH1088_Arid5b/Arid5a
TF family: ARID_BRIGHT
archetype family: ARID_BRIGHT
CisBP assigned: FALSE
rank: 272
gene expression correlation: 0.4441
gene score correlation: 0.0114

Nvec_vc1.1_XM_048722680.1
OG: zf−C2H2.HG10.1:ZFP3/ZNF319/ZN
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C
motif: ARCH1400_ZNF143
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 5
gene expression correlation: 0.6031
gene score correlation: 0.2887

Nvec_vc1.1_XM_048722751.1
OG: zf−C2H2.HG10.1:ZFP3/ZNF319/ZN
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C
motif: ARCH405_Sp6/Sp5_Sp7/Sp8/Sp
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 13
gene expression correlation: −0.2204
gene score correlation: −0.0841

Nvec_vc1.1_XM_048722754.1
OG: zf−C2H2.HG10.1:ZFP3/ZNF319/ZN
PFAM: zf−C2H2/zf−C2H2_11/zf−C2H2/
motif: ARCH828_Zfp1000//Zfp758/Zfp...
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: TRUE
rank: 167
gene expression correlation: −0.1051
gene score correlation: 0.0528

Nvec_vc1.1_XM_048722777.1
OG: zf−C2H2.HG10.1:ZFP3/ZNF319/ZN
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C
motif: ARCH523_Yy1
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 1
gene expression correlation: 0.2310
gene score correlation: 0.7755

Nvec_vc1.1_XM_048722810.1
OG: Myb.HG1.5:like:DNAJC1/DNAJC2
PFAM: Myb_DNA−bind_4
motif: ARCH153_Msantd2_Rcor1/Rcor2
TF family: Myb
archetype family: Myb
CisBP assigned: FALSE
rank: 76
gene expression correlation: 0.1499
gene score correlation: 0.0083

Nvec_vc1.1_XM_048723038.1
OG: zf−C2H2.HG10.1:ZFP3/ZNF319/ZN
PFAM: zf−C2H2/zf−C2H2/zf−C2H2_11/
motif: ARCH702_Zic1::Zic2
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 9
gene expression correlation: −0.2375
gene score correlation: 0.4501

Nvec_vc1.1_XM_048723046.1
OG: bZIP.HG1.14:like:CREB3/CREB3L
PFAM: bZIP_1
motif: ARCH1614_M04371_2.00__M04
TF family: bZIP
archetype family: bZIP
CisBP assigned: FALSE
rank: 30
gene expression correlation: 0.1013
gene score correlation: 0.1879

Nvec_vc1.1_XM_048723108.1
OG: zf−C2H2.HG10.1:ZFP3/ZNF319/ZN
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C
motif: ARCH921_ZNF143|STAF__NCU0
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 2
gene expression correlation: 0.0577
gene score correlation: 0.7034

Nvec_vc1.1_XM_048723109.1
OG: zf−C2H2.HG10.1:ZFP3/ZNF319/ZN
PFAM: zf−C2H2_11/zf−C2H2/zf−C2H2/
motif: ARCH529_Rslcan18/Gm28557/Z
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: TRUE
rank: 935
gene expression correlation: −0.1961
gene score correlation: −0.3339

Nvec_vc1.1_XM_048723111.1
OG: zf−C2H2.HG10.1:ZFP3/ZNF319/ZN
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C
motif: ARCH353_M06062_2.00__M064
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 1
gene expression correlation: −0.0161
gene score correlation: 0.5602

Nvec_vc1.1_XM_048723364.1
OG: bZIP.HG2.0:like:CEBPA/CEBPB/CI
PFAM: bZIP_2
motif: ARCH1605_Atf4/Atf5
TF family: bZIP
archetype family: bZIP
CisBP assigned: FALSE
rank: 34
gene expression correlation: −0.2150
gene score correlation: 0.4350

Nvec_vc1.1_XM_048723770.1
OG: HMGbox_Sox.HG1.49:SMARCE1
PFAM: HMG_box
motif: ARCH76_CES−1__PB0171.1_Sc
TF family: HMGbox_Sox
archetype family: HMGbox_Sox
CisBP assigned: FALSE
rank: 188
gene expression correlation: 0.4654
gene score correlation: 0.2237

Nvec_vc1.1_XM_048723945.1
OG: Forkhead.HG1.16:FOXN2/FOXN3
PFAM: Forkhead
motif: ARCH829_PB0121.1_Foxj3_2
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: FALSE
rank: 2
gene expression correlation: 0.4302
gene score correlation: 0.5768

Nvec_vc1.1_XM_048724012.1
OG: zf−C2H2.HG4.10:GLI1/GLI2/GLI3
PFAM: zf−C2H2/zf−C2H2/zf−C2H2
motif: ARCH1043_ZNF652
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 186
gene expression correlation: 0.7443
gene score correlation: 0.6776

Nvec_vc1.1_XM_048724319.1
OG: Forkhead.HG1.1:FOXA1/FOXA2/F
PFAM: Forkhead
motif: ARCH1095_Foxa3/Foxa1/Foxa2_
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: TRUE
rank: 534
gene expression correlation: 0.6389
gene score correlation: 0.1298

Nvec_vc1.1_XM_048724372.1
OG: HLH.HG1.79:MESP1/MESP2/MSG
PFAM: HLH
motif: ARCH144_BHLHE23
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 914
gene expression correlation: 0.8027
gene score correlation: −0.0028

Nvec_vc1.1_XM_048724605.1
OG: Myb.HG6.0:BDP1
PFAM: Myb_DNA−bind_7
motif: ARCH1526_Mybl2/Myb/Mybl1
TF family: Myb
archetype family: Myb
CisBP assigned: FALSE
rank: 29
gene expression correlation: 0.2433
gene score correlation: 0.0411

Nvec_vc1.1_XM_048724756.1
OG: Homeodomains.HG1.23:like:HHEX
PFAM: Homeodomain
motif: ARCH273_HOXD3
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 76
gene expression correlation: 0.6363
gene score correlation: 0.4792

Nvec_vc1.1_XM_048724796.1
OG: HLH.HG1.107:like:HES5/HES7
PFAM: HLH
motif: ARCH1533_BHLH112
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 60
gene expression correlation: 0.3102
gene score correlation: 0.3625

Nvec_vc1.1_XM_048724840.1
OG: Homeodomains.HG1.11:like:AC004
PFAM: Homeodomain
motif: ARCH1437_
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 1
gene expression correlation: 0.2627
gene score correlation: 0.4903

Nvec_vc1.1_XM_048725325.1
OG: zf−C2H2.HG1.1:like:AC008758.1/A
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C
motif: ARCH1200_Zfp760/Zfp770
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 21
gene expression correlation: 0.4683
gene score correlation: 0.2288

Nvec_vc1.1_XM_048725461.1
OG: zf−C2H2.HG1.72:like:AC008758.1/
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C
motif: ARCH1345_Gfi1b/Gfi1
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 5
gene expression correlation: 0.0190
gene score correlation: 0.0914

Nvec_vc1.1_XM_048725593.1
OG: Myb.HG1.3:MYB/MYBL1/MYBL2
PFAM: Myb_DNA−binding/Myb_DNA−b
motif: ARCH1526_Mybl2/Myb/Mybl1
TF family: Myb
archetype family: Myb
CisBP assigned: TRUE
rank: 607
gene expression correlation: 0.2386
gene score correlation: −0.2742

Nvec_vc1.1_XM_048725765.1
OG: Homeodomains.HG2.21:like:LEUT
PFAM: CUTL/Homeodomain
motif: ARCH37_Alx3/Alx4/Alx1_Barx2...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 8
gene expression correlation: 0.1502
gene score correlation: 0.4667

Nvec_vc1.1_XM_048726087.1
OG: Myb.HG2.5:NA
PFAM: MADF_DNA_bdg/BESS
motif: ARCH153_Msantd2_Rcor1/Rcor2
TF family: Myb
archetype family: Myb
CisBP assigned: FALSE
rank: 13
gene expression correlation: 0.3190
gene score correlation: 0.0740

Nvec_vc1.1_XM_048726174.1
OG: zf−C2H2.HG6.2:MYT1/MYT1L/ST1
PFAM: zf−C2HC/zf−C2HC/zf−C2HC/zf−
motif: ARCH530_Snai2
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 9
gene expression correlation: 0.4053
gene score correlation: 0.5844

Nvec_vc1.1_XM_048726224.1
OG: Myb.HG1.22:TADA2A
PFAM: Myb_DNA−binding
motif: ARCH1379_MYB17
TF family: Myb
archetype family: Myb
CisBP assigned: FALSE
rank: 88
gene expression correlation: 0.0948
gene score correlation: 0.1348

Nvec_vc1.1_XM_048726734.1
OG: zf−C2H2.HG1.234:like:AC008758.1
PFAM: zf−C2H2/zf−C2H2/zf−H2C2_2/zf
motif: ARCH822_M08939_2.00__M103
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 7
gene expression correlation: −0.1636
gene score correlation: 0.5183

Nvec_vc1.1_XM_048726881.1
OG: zf−C2H2.HG1.3:ZBTB3
PFAM: zf−C2H2
motif: ARCH1200_Zfp760/Zfp770
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: TRUE
rank: 858
gene expression correlation: 0.0121
gene score correlation: 0.2042

Nvec_vc1.1_XM_048726885.1
OG: zf−C2H2.HG1.3:ZBTB3
PFAM: zf−C2H2_6/zf−C2H2_6/zf−C2H2
motif: ARCH1253_Yy1
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 5
gene expression correlation: −0.0927
gene score correlation: 0.6965

Nvec_vc1.1_XM_048727075.1
OG: Homeodomains.HG2.12:ESX1
PFAM: Homeodomain
motif: ARCH121_Nfya_Pbx4/Pbx2/Pbx1
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 6
gene expression correlation: −0.1695
gene score correlation: 0.4196

Nvec_vc1.1_XM_048727123.1
OG: Myb.HG1.9:NCOR1/NCOR2
PFAM: GPS2_interact/Myb_DNA−bindir
motif: ARCH646_Msantd4/Mypop_Terf2
TF family: Myb
archetype family: Myb
CisBP assigned: FALSE
rank: 899
gene expression correlation: 0.4424
gene score correlation: 0.1013

Nvec_vc1.1_XM_048727543.1
OG: Homeodomains.HG2.17:like:RHOX
PFAM: PAX/Homeodomain
motif: ARCH8_Pax5/Pax8/Pax2
TF family: Pax/Homeodomain
archetype family: Pax/Homeodomain
CisBP assigned: FALSE
rank: 67
gene expression correlation: 0.0495
gene score correlation: 0.3038

Nvec_vc1.1_XM_048727600.1
OG: Myb.HG2.3:NA
PFAM: MADF_DNA_bdg
motif: ARCH646_Msantd4/Mypop_Terf2
TF family: Myb
archetype family: Myb
CisBP assigned: FALSE
rank: 23
gene expression correlation: 0.3348
gene score correlation: 0.4256

Nvec_vc1.1_XM_048728051.1
OG: Forkhead.HG1.1:FOXA1/FOXA2/F
PFAM: Forkhead
motif: ARCH895_Foxn4/Foxn1
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: FALSE
rank: 200
gene expression correlation: −0.2267
gene score correlation: 0.5128

Nvec_vc1.1_XM_048728399.1
OG: bZIP.HG2.5:CEBPA/CEBPB/CEBP
PFAM: bZIP_2
motif: ARCH1224_Cebpd/Cebpe/Cebpa
TF family: bZIP
archetype family: bZIP
CisBP assigned: TRUE
rank: 780
gene expression correlation: 0.0494
gene score correlation: −0.1814

Nvec_vc1.1_XM_048728853.1
OG: Homeodomains.HG1.24:like:HHEX
PFAM: Homeodomain
motif: ARCH304_Alx3/Alx4/Alx1_Barx...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 26
gene expression correlation: 0.4718
gene score correlation: 0.2042

Nvec_vc1.1_XM_048728967.1
OG: HLH.HG1.29:MYC/MYCL/MYCN
PFAM: HLH/HLH
motif: ARCH867_ZEB1__PL0011.1_hlh
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 3
gene expression correlation: 0.3369
gene score correlation: 0.5937

Nvec_vc1.1_XM_048729186.1
OG: Ets.HG1.9:AC020909.1/SPI1/SPIB
PFAM: Ets
motif: ARCH587_Elf3/Ehf/Elf5_Erg/F...
TF family: Ets
archetype family: Ets
CisBP assigned: FALSE
rank: 4
gene expression correlation: 0.4365
gene score correlation: 0.5853

Nvec_vc1.1_XM_048729481.1
OG: zf−C2H2.HG4.3:like:ZIC1/ZIC2/ZIC
PFAM: zf_ZIC/zf−C2H2/zf−C2H2
motif: ARCH922_Zic
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 1
gene expression correlation: 0.2660
gene score correlation: 0.9170

Nvec_vc1.1_XM_048729483.1
OG: zf−C2H2.HG4.4:like:ZIC1/ZIC2/ZIC
PFAM: zf_ZIC/zf−C2H2/zf−C2H2
motif: ARCH521_Zic2__Unknown−ESC
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 1
gene expression correlation: 0.7650
gene score correlation: 0.8601

Nvec_vc1.1_XM_048729727.1
OG: THAP_finger.HG1.0:AC073612.1/T
PFAM: THAP
motif: ARCH525_M08176_2.00
TF family: THAP_finger
archetype family: THAP_finger
CisBP assigned: FALSE
rank: 85
gene expression correlation: 0.2777
gene score correlation: 0.1228

Nvec_vc1.1_XM_048729815.1
OG: zf−C2H2.HG3.36:YY1/YY2/ZFP42
PFAM: zf−C2H2/zf−C2H2/zf−C2H2
motif: ARCH523_Yy1
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: TRUE
rank: 1
gene expression correlation: 0.3046
gene score correlation: 0.5067

Nvec_vc1.1_XM_048730021.1
OG: zf−C2H2.HG2.4:MTF1/ZNF76/ZNF
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C
motif: ARCH1260_Yy1
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 3
gene expression correlation: 0.3943
gene score correlation: 0.4992

Nvec_vc1.1_XM_048730025.1
OG: THAP_finger.HG1.0:AC073612.1/T
PFAM: THAP
motif: ARCH1246_THAP1
TF family: THAP_finger
archetype family: THAP_finger
CisBP assigned: FALSE
rank: 109
gene expression correlation: −0.0431
gene score correlation: 0.2191

Nvec_vc1.1_XM_048730169.1
OG: Myb.HG1.11:MIS18BP1
PFAM: SANTA/Myb_DNA−binding
motif: ARCH193_MYB116
TF family: Myb
archetype family: Myb
CisBP assigned: FALSE
rank: 387
gene expression correlation: −0.0207
gene score correlation: 0.0803

Nvec_vc1.1_XM_048730283.1
OG: bZIP.HG1.17:ATF3/JDP2
PFAM: bZIP_1
motif: ARCH947_Creb3l2/Creb3l1
TF family: bZIP
archetype family: bZIP
CisBP assigned: FALSE
rank: 14
gene expression correlation: 0.3597
gene score correlation: 0.3977

Nvec_vc1.1_XM_048731064.1
OG: zf−C2H2.HG87.0:NA
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C
motif: ARCH470_Snai2
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 5
gene expression correlation: 0.3715
gene score correlation: 0.3463

Nvec_vc1.1_XM_048731081.1
OG: Myb.HG1.21:like:MIER1/MIER2/MI
PFAM: Myb_DNA−binding
motif: ARCH1387_MYB105
TF family: Myb
archetype family: Myb
CisBP assigned: FALSE
rank: 189
gene expression correlation: −0.7049
gene score correlation: 0.7008

Nvec_vc1.1_XM_048731196.1
OG: HMGbox_Sox.HG1.4:like:HBP1
PFAM: HLH/HMG_box/zf−CW
motif: ARCH128_PB0068.1_Sox1_1
TF family: HMGbox_Sox
archetype family: HMGbox_Sox
CisBP assigned: FALSE
rank: 493
gene expression correlation: 0.6220
gene score correlation: −0.1585

Nvec_vc1.1_XM_048731339.1
OG: AP−2.HG1.3:like:TFAP2A/TFAP2B/
PFAM: TF_AP−2
motif: ARCH387_TFAP2E
TF family: AP2
archetype family: AP2
CisBP assigned: FALSE
rank: 3
gene expression correlation: 0.3592
gene score correlation: 0.6309

Nvec_vc1.1_XM_048731616.1
OG: zf−C2H2.HG17.1:HIC2
PFAM: zf−C2H2/zf−C2H2_11/zf−C2H2
motif: ARCH836_M08316_2.00__M089
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 41
gene expression correlation: 0.9132
gene score correlation: 0.9075

Nvec_vc1.1_XM_048731647.1
OG: zf−C2H2.HG36.2:ZNF425
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C
motif: ARCH1345_Gfi1b/Gfi1
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 56
gene expression correlation: 0.1317
gene score correlation: 0.2323

Nvec_vc1.1_XM_048731755.1
OG: Homeodomains.HG1.5:like:AC0040
PFAM: Homeodomain
motif: ARCH1055_MF0010.1_Homeobo
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 720
gene expression correlation: 0.8004
gene score correlation: 0.1995

Nvec_vc1.1_XM_048731942.1
OG: HLH.HG1.87:LYL1/NHLH1/NHLH2/
PFAM: HLH
motif: ARCH144_BHLHE23
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 758
gene expression correlation: 0.8064
gene score correlation: 0.2165

Nvec_vc1.1_XM_048731950.1
OG: HMGbox_Sox.HG1.39:HMGXB4
PFAM: HMG_box
motif: ARCH76_CES−1__PB0171.1_Sc
TF family: HMGbox_Sox
archetype family: HMGbox_Sox
CisBP assigned: FALSE
rank: 124
gene expression correlation: −0.0759
gene score correlation: 0.3309

Nvec_vc1.1_XM_048732398.1
OG: E2F_TDP.HG1.4:E2F1/E2F2/E2F3
PFAM: E2F_TDP
motif: ARCH394_/E2f4_E2f6_E2f8/E2f7
TF family: E2F_TDP
archetype family: E2F_TDP
CisBP assigned: FALSE
rank: 360
gene expression correlation: −0.1698
gene score correlation: 0.2623

Nvec_vc1.1_XM_048732532.1
OG: Ets.HG1.8:ETS1/ETS2
PFAM: Ets
motif: Ets2/Ets1/Etv2_streme
TF family: Ets
archetype family: Ets
CisBP assigned: TRUE
rank: 0
gene expression correlation: 0.2435
gene score correlation: 0.3770

Nvec_vc1.1_XM_048733302.1
OG: HLH.HG1.33:MITF/TFE3/TFEB/TF
PFAM: MITF_TFEB_C_3_N/HLH
motif: ARCH1533_BHLH112
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 70
gene expression correlation: −0.0158
gene score correlation: 0.4217

Nvec_vc1.1_XM_048733498.1
OG: Myb.HG3.0:like:HSPA14/MSANTD1
PFAM: Myb_DNA−bind_4/Myb_DNA−bi
motif: ARCH153_Msantd2_Rcor1/Rcor2
TF family: Myb
archetype family: Myb
CisBP assigned: TRUE
rank: 633
gene expression correlation: 0.0414
gene score correlation: 0.2458

Nvec_vc1.1_XM_048733519.1
OG: Homeodomains.HG2.73:like:DMBX
PFAM: Homeodomain
motif: ARCH1437_
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 101
gene expression correlation: −0.2644
gene score correlation: 0.2557

Nvec_vc1.1_XM_048733551.1
OG: Homeodomains.HG1.5:like:AC0040
PFAM: Homeodomain
motif: ARCH273_HOXD3
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 1262
gene expression correlation: 0.6326
gene score correlation: 0.0199

Nvec_vc1.1_XM_048733736.1
OG: RHD_Rel.HG1.0:like:NFAT5/NFATC
PFAM: RHD_DNA_bind/RHD_dimer
motif: Nfat5/Nfatc1/Nfatc4/Nfatc3/Nfatc2
TF family: RHD_Rel
archetype family: RHD_Rel
CisBP assigned: TRUE
rank: 0
gene expression correlation: 0.2635
gene score correlation: −0.1674

Nvec_vc1.1_XM_048734004.1
OG: zf−C2H2.HG99.0:NA
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C
motif: ARCH667_RBPJ__ZNF416
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 6
gene expression correlation: 0.1561
gene score correlation: 0.6886

Nvec_vc1.1_XM_048734435.1
OG: E2F_TDP.HG1.4:E2F1/E2F2/E2F3
PFAM: E2F_TDP/E2F_CC−MB
motif: ARCH1220_/E2f4_E2f6_E2f8/E2f
TF family: E2F_TDP
archetype family: E2F_TDP
CisBP assigned: TRUE
rank: 16
gene expression correlation: 0.2913
gene score correlation: 0.6523

Nvec_vc1.1_XM_048734482.1
OG: zf−C2H2.HG1.142:like:AC008758.1
PFAM: zf−C2H2/zf−C2H2_6/zf−C2H2/zf
motif: ARCH1255_Yy1
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 21
gene expression correlation: −0.1160
gene score correlation: 0.1272

Nvec_vc1.1_XM_048734570.1
OG: zf−C2H2.HG1.35:FEZF1/FEZF2/G
PFAM: zf−C2H2_6/zf−C2H2/zf−C2H2/z
motif: ARCH861_Scrt2/Scrt1
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 6
gene expression correlation: −0.0396
gene score correlation: 0.6327

Nvec_vc1.1_XM_048734691.1
OG: zf−C2H2.HG70.1:NA
PFAM: zf−C2H2/zf−met/zf−C2H2/zf−C2
motif: ARCH836_M08316_2.00__M089
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 33
gene expression correlation: 0.9196
gene score correlation: 0.9273