Nvec_vc1.1_XM_001628318.3
OG: Myb.HG2.2:NA
PFAM: MADF_DNA_bdg
archetype: ARCH153_Msantd2_Rcor1/Rcor2...
archetype family: Myb
assignment: archetype

Nvec_vc1.1_XM_001628635.3 (PAX3/7)
OG: Homeodomains.HG2.28:PAX3/PAX7
PFAM: PAX/Homeodomain
archetype: PAX3/7_241030_streme
archetype family: Pax/Homeodomain
assignment: dapseq

Nvec_vc1.1_XM_001637115.3
OG: Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB2/FOXD1/FOXD2/FOXD3/F
PFAM: Forkhead
archetype: ARCH983_Foxd2/Foxd4/Foxd3/F...
archetype family: Forkhead
assignment: archetype

Nvec_vc1.1_XM_032371032.2
OG: Homeodomains.HG2.70:ARX
PFAM: Homeodomain/OAR
archetype: ARCH1025_Hoxa1/Hoxb1/Hoxd1
archetype family: Homeodomains
assignment: archetype

Nvec_vc1.1_XM_032371744.2
OG: Doublesex_DM.HG1.12:DMRTA1/DMRTA2/DMRTB1
PFAM: DM/DMA
archetype: Nvec_vc1.1_XM_032371744.2_Doublesex_DM.HG1.12:DMRTA1/DMRTA2/
archetype family: Doublesex_DM
assignment: dapseq

Nvec_vc1.1_XM_032372025.2
OG: HLH.HG1.0:AC019117.4/AHR/AHRR/ARNT/ARNT2/ARNTL/ARNTL2/CLOCK/NC
PFAM: HLH/PAS/PAS_11
archetype: ARCH1068_bHLH122
archetype family: HLH
assignment: archetype

Nvec_vc1.1_XM_032374008.2
OG: HLH.HG1.92:like:SCX/TCF15
PFAM: HLH
archetype: ARCH1068_bHLH122
archetype family: HLH
assignment: archetype

Nvec_vc1.1_XM_032375107.2
OG: Homeodomains.HG1.44:EMX1/EMX2
PFAM: Homeodomain
archetype: ARCH1546_Meis3/Meis2/Meis1_...
archetype family: Homeodomains
assignment: archetype

Nvec_vc1.1_XM_032375349.2
OG: HLH.HG1.50:HES3
PFAM: HLH
archetype: M01726_2.00
archetype family: HLH
assignment: orthology

Nvec_vc1.1_XM_032376092.2
OG: Myb.HG3.0:like:HSPA14/MSANTD1/MSANTD2/UTF1/ZKSCAN2/ZSCAN20/ZSCA
PFAM: Myb_DNA−bind_4
archetype: ARCH1387_MYB105
archetype family: Myb
assignment: archetype

Nvec_vc1.1_XM_032384433.2
OG: HLH.HG1.86:TWIST1/TWIST2
PFAM: HLH
archetype: M08766_2.00
archetype family: HLH
assignment: orthology

Nvec_vc1.1_XM_032384492.2
OG: HLH.HG1.93:like:SCX/TCF15
PFAM: HLH
archetype: ARCH144_BHLHE23
archetype family: HLH
assignment: archetype

Nvec_vc1.1_XM_032385496.2 (PTF1a)
OG: HLH.HG1.91:like:FERD3L/PTF1A
PFAM: HLH
archetype: M05990_2.00
archetype family: HLH
assignment: orthology

Nvec_vc1.1_XM_032385905.2
OG: zf−C2H2.HG1.3:ZBTB3
PFAM: zf−C2H2
archetype: ARCH1368_M04483_2.00__M0448...
archetype family: zf−C2H2
assignment: archetype

Nvec_NVE19743
OG: HLH.HG1.55:like:TCF23/TCF24
PFAM: HLH
archetype: Nvec_NVE19743_HLH.HG1.55:like:TCF23/TCF24_241030_streme
archetype family: HLH
assignment: dapseq

Nvec_NVE23841 (SoxB2/Sox3)
OG: HMGbox_Sox.HG1.34:SRY
PFAM: HMG_box
archetype: ARCH1153_/Sox4/Sox11_Sox13/...
archetype family: HMGbox_Sox
assignment: archetype

Nvec_NVE7697
OG: Homeodomains.HG2.24:like:LEUTX
PFAM: Homeodomain
archetype: ARCH242_Hlx
archetype family: Homeodomains
assignment: archetype

Nvec_v1g19278 (Klf13)
OG: zf−C2H2.HG2.12:KLF9/KLF13/KLF14/KLF16
PFAM: zf−C2H2/zf−C2H2/zf−C2H2
archetype: ARCH861_Scrt2/Scrt1
archetype family: zf−C2H2
assignment: archetype

Nvec_v1g210540
OG: HLH.HG1.68:like:ASCL3/ASCL4/ASCL5
PFAM: HLH
archetype: M04211_2.00
archetype family: HLH
assignment: orthology

Nvec_v1g241767
OG: bZIP.HG1.3:like:JUN/JUNB/JUND
PFAM: Jun
archetype: ARCH364_Creb3l2/Creb3l1_Cre...
archetype family: bZIP
assignment: archetype

Nvec_v1g244929
OG: zf−C2H2.HG1.14:like:AC008758.1/AC008770.2/AC010422.6/AC073111.4/AC1386
PFAM: zf−C2H2/zf−C2H2
archetype: ARCH1345_Gfi1b/Gfi1
archetype family: zf−C2H2
assignment: archetype

Nvec_v1g99666
OG: HLH.HG1.93:like:SCX/TCF15
PFAM: HLH
archetype: ARCH1533_BHLH112
archetype family: HLH
assignment: archetype

Nvec_vc1.1_XM_001618929.3
OG: zf−C2H2.HG10.1:ZFP3/ZNF319/ZNF449/ZNF574
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2_11/zf−C2H2/zf−C2H2/zf−C2H2_
archetype: ARCH523_Yy1
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_001622271.3 (IRF1−2c)
OG: IRF.HG1.1:IRF1/IRF2/IRF3/IRF4/IRF5/IRF6/IRF7/IRF8/IRF9
PFAM: IRF
archetype: ARCH591_ISRE__IRF3__IRF8
archetype family: IRF
assignment: archetype

Nvec_vc1.1_XM_001623084.3 (Six4/5)
OG: Homeodomains.HG3.24:SIX4/SIX5
PFAM: SIX1_SD/Homeodomain
archetype: M06530_2.00
archetype family: Homeodomains
assignment: orthology

Nvec_vc1.1_XM_001623127.3
OG: Forkhead.HG1.31:like:FOXO1/FOXO3/FOXO3B/FOXO4/FOXO6
PFAM: Forkhead
archetype: ARCH1397_RBFox2__OCT:OCT−short
archetype family: Forkhead
assignment: archetype

Nvec_vc1.1_XM_001623467.3
OG: bZIP.HG1.12:CREBZF
PFAM: bZIP_2
archetype: Nvec_vc1.1_XM_001623467.3_bZIP.HG1.12:CREBZF_241030_streme
archetype family: bZIP
assignment: dapseq

Nvec_vc1.1_XM_001623946.3
OG: Homeodomains.HG2.11:DUX4/DUXA/DUXB
PFAM: Homeodomain
archetype: M02082_2.00
archetype family: Homeodomains
assignment: orthology

Nvec_vc1.1_XM_001624046.3
OG: Forkhead.HG1.33:like:FOXO1/FOXO3/FOXO3B/FOXO4/FOXO6
PFAM: Forkhead
archetype: ARCH954_Foxn4/Foxn1
archetype family: Forkhead
assignment: archetype

Nvec_vc1.1_XM_001624560.3
OG: Homeodomains.HG2.3:like:AC025287.4/ALX1/ALX3/ALX4/ARGFX/ARX/CPHXL/C
PFAM: PAX/Homeodomain
archetype: M05417_2.00
archetype family: Pax/Homeodomain
assignment: orthology

Nvec_vc1.1_XM_001624689.3
OG: Forkhead.HG1.26:FOXM1
PFAM: Forkhead
archetype: ARCH968_Foxa3/Foxa1/Foxa2_F...
archetype family: Forkhead
assignment: archetype

Nvec_vc1.1_XM_001624716.3 (NvSox1)
OG: HMGbox_Sox.HG1.35:SOX1/SOX2/SOX3/SOX14/SOX21
PFAM: HMG_box/SOXp
archetype: ARCH972_Sox5
archetype family: HMGbox_Sox
assignment: archetype

Nvec_vc1.1_XM_001624941.3
OG: zf−C2H2.HG19.1:PRDM14
PFAM: zf−C2H2/zf−C2H2/zf−C2H2
archetype: ARCH470_Snai2
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_001625109.3 (Six3/6)
OG: Homeodomains.HG3.30:SIX3/SIX6
PFAM: SIX1_SD/Homeodomain
archetype: ARCH146_Alx3/Alx4/Alx1_Barx...
archetype family: Homeodomains
assignment: archetype

Nvec_vc1.1_XM_001625118.3
OG: HSF.HG1.0:like:HSF1/HSF2/HSF4/HSF5/HSFX1/HSFX2/HSFX3/HSFX4/HSFY1/H
PFAM: HSF_DNA−bind
archetype: M05519_2.00
archetype family: HSF
assignment: orthology

Nvec_vc1.1_XM_001625254.3
OG: HMGbox_Sox.HG1.55:TFAM/UBTFL1
PFAM: HMG_box/HMG_box
archetype: ARCH1170_/Sox4/Sox11_Sox13/...
archetype family: HMGbox_Sox
assignment: archetype

Nvec_vc1.1_XM_001625437.3
OG: Myb.HG2.3:NA
PFAM: MADF_DNA_bdg
archetype: ARCH1526_Mybl2/Myb/Mybl1
archetype family: Myb
assignment: archetype

Nvec_vc1.1_XM_001625457.2
OG: Homeodomains.HG3.24:SIX4/SIX5
PFAM: SIX1_SD/Homeodomain
archetype: ARCH273_HOXD3
archetype family: Homeodomains
assignment: archetype

Nvec_vc1.1_XM_001625588.3
OG: Runt_Runx.HG1.0:RUNX1/RUNX2/RUNX3
PFAM: Runt
archetype: ARCH1267_Runx3/Runx2/Runx1
archetype family: Runt_Runx
assignment: archetype

Nvec_vc1.1_XM_001625754.3
OG: Homeodomains.HG2.6:like:AC025287.4/ALX1/ALX3/ALX4/ARGFX/ARX/CPHXL/C
PFAM: Homeodomain
archetype: ARCH273_HOXD3
archetype family: Homeodomains
assignment: archetype

Nvec_vc1.1_XM_001625768.3
OG: Homeodomains.HG1.5:like:AC004080.3/AC012531.3/BARHL1/BARHL2/BARX1/B
PFAM: Homeodomain
archetype: ARCH273_HOXD3
archetype family: Homeodomains
assignment: archetype

Nvec_vc1.1_XM_001625898.3
OG: Homeodomains.HG1.62:like:MEOX1/MEOX2
PFAM: Homeodomain
archetype: ARCH1362_Six1/_Six4/Six5
archetype family: Homeodomains
assignment: archetype

Nvec_vc1.1_XM_001625899.3
OG: Homeodomains.HG1.65:like:MEOX1/MEOX2
PFAM: Homeodomain
archetype: ARCH1362_Six1/_Six4/Six5
archetype family: Homeodomains
assignment: archetype

Nvec_vc1.1_XM_001625950.3 (FoxC)
OG: Forkhead.HG1.10:FOXC1/FOXC2
PFAM: Forkhead
archetype: ARCH964_Foxc2/Foxc1_Foxg1/G...
archetype family: Forkhead
assignment: archetype

Nvec_vc1.1_XM_001625997.3
OG: Homeodomains.HG1.19:NKX2−1/NKX2−2/NKX2−3/NKX2−4/NKX2−5/NKX2−6/NK
PFAM: Homeodomain
archetype: ARCH1504_Meis3/Meis2/Meis1_...
archetype family: Homeodomains
assignment: archetype

Nvec_vc1.1_XM_001625998.3
OG: Homeodomains.HG1.19:NKX2−1/NKX2−2/NKX2−3/NKX2−4/NKX2−5/NKX2−6/NK
PFAM: Homeodomain
archetype: ARCH768_Meis3/Meis2/Meis1_P...
archetype family: Homeodomains
assignment: archetype

Nvec_vc1.1_XM_001626384.3
OG: Homeodomains.HG3.31:SIX1/SIX2
PFAM: SIX1_SD/Homeodomain
archetype: ARCH1362_Six1/_Six4/Six5
archetype family: Homeodomains
assignment: archetype

Nvec_vc1.1_XM_001626717.3
OG: T−box.HG1.4:like:EOMES/TBR1/TBX19/TBX21/TBXT
PFAM: T−box
archetype: Nvec_vc1.1_XM_001626717.3_T−box.HG1.4:like:EOMES/TBR1/TBX19/TB
archetype family: T−box
assignment: dapseq

Nvec_vc1.1_XM_001626820.3
OG: T−box.HG1.2:like:MGA/TBX1/TBX2/TBX3/TBX4/TBX5/TBX6/TBX10/TBX15/TBX1
PFAM: T−box
archetype: ARCH755_Hth__TBX15
archetype family: T−box
assignment: archetype

Nvec_vc1.1_XM_001627049.3
OG: HLH.HG1.19:HELT
PFAM: HLH/Hairy_orange
archetype: Nvec_vc1.1_XM_001627049.3_HLH.HG1.19:HELT_241030_streme
archetype family: HLH
assignment: dapseq

Nvec_vc1.1_XM_001627072.3
OG: Forkhead.HG1.17:like:FOXI1/FOXI2/FOXI3/FOXL3
PFAM: Forkhead
archetype: ARCH964_Foxc2/Foxc1_Foxg1/G...
archetype family: Forkhead
assignment: archetype

Nvec_vc1.1_XM_001627136.3 (Tbx1/10−2)
OG: T−box.HG1.13:TBX1/TBX10/TBX15/TBX18/TBX20/TBX22
PFAM: T−box
archetype: ARCH862_Tbx18/Tbx22/Tbx15_T...
archetype family: T−box
assignment: archetype

Nvec_vc1.1_XM_001627361.3
OG: zf−C2H2.HG74.0:NA
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2
archetype: ARCH419_Yy1
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_001627423.3
OG: HMGbox_Sox.HG1.10:BBX
PFAM: HMG_box
archetype: ARCH482_/Lef1/Tcf7l1/Tcf7
archetype family: HMGbox_Sox
assignment: archetype

Nvec_vc1.1_XM_001627544.3
OG: Homeodomains.HG2.58:UNCX
PFAM: Homeodomain
archetype: ARCH637_Six1/_Six3/Six6_Six...
archetype family: Homeodomains
assignment: archetype

Nvec_vc1.1_XM_001627629.3
OG: Forkhead.HG1.30:like:FOXO1/FOXO3/FOXO3B/FOXO4/FOXO6
PFAM: Forkhead
archetype: ARCH829_PB0121.1_Foxj3_2
archetype family: Forkhead
assignment: archetype

Nvec_vc1.1_XM_001627662.3
OG: E2F_TDP.HG1.3:E2F4/E2F5
PFAM: E2F_TDP/E2F_CC−MB
archetype: ARCH1058_Pdp1
archetype family: E2F_TDP
assignment: archetype

Nvec_vc1.1_XM_001627792.3
OG: Forkhead.HG1.12:FOXN1/FOXN4/FOXR1/FOXR2
PFAM: Forkhead
archetype: M04857_2.00
archetype family: Forkhead
assignment: orthology

Nvec_vc1.1_XM_001627907.3
OG: zf−C2H2.HG1.8:ZNF18/ZNF513/ZNF784/ZSCAN4/ZSCAN5A/ZSCAN5B
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C
archetype: ARCH1201_Gfi1b/Gfi1
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_001628041.3
OG: HMGbox_Sox.HG1.24:HMGB1/HMGB2/HMGB3
PFAM: HMG_box_2/HMG_box
archetype: ARCH76_CES−1__PB0171.1_Sox18_2
archetype family: HMGbox_Sox
assignment: archetype

Nvec_vc1.1_XM_001628045.2
OG: zf−C2H2.HG2.4:MTF1/ZNF76/ZNF143
PFAM: zf−C2H2/zf−C2H2
archetype: ARCH1256_Yy1
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_001628278.3
OG: HLH.HG1.75:like:ATOH8
PFAM: HLH
archetype: ARCH144_BHLHE23
archetype family: HLH
assignment: archetype

Nvec_vc1.1_XM_001628279.3
OG: HLH.HG1.76:ATOH8
PFAM: HLH
archetype: ARCH867_ZEB1__PL0011.1_hlh−...
archetype family: HLH
assignment: archetype

Nvec_vc1.1_XM_001628300.3
OG: HLH.HG1.84:NEUROG1/NEUROG2/NEUROG3
PFAM: HLH
archetype: M00588_2.00
archetype family: HLH
assignment: orthology

Nvec_vc1.1_XM_001628319.3
OG: Forkhead.HG1.25:FOXJ2/FOXJ3
PFAM: Forkhead
archetype: M03058_2.00
archetype family: Forkhead
assignment: orthology

Nvec_vc1.1_XM_001628481.3
OG: Homeodomains.HG1.72:like:NOTO
PFAM: Homeodomain
archetype: ARCH1544_Nkx2−2/Nkx2−9
archetype family: Homeodomains
assignment: archetype

Nvec_vc1.1_XM_001628634.3
OG: Homeodomains.HG2.28:PAX3/PAX7
PFAM: PAX/Homeodomain
archetype: ARCH873_Pax5/Pax8/Pax2
archetype family: Pax/Homeodomain
assignment: archetype

Nvec_vc1.1_XM_001628645.3
OG: zf−C2H2.HG1.88:MYNN
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−H2C2_2/zf−C2H2/zf−C2H2
archetype: ARCH923_Zfp239//Zfp942/Zfp9...
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_001628705.3
OG: zf−C2H2.HG1.119:PRDM4
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2
archetype: ARCH1345_Gfi1b/Gfi1
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_001628946.3
OG: bZIP.HG1.19:ATF6/ATF6B
PFAM: bZIP_1
archetype: M04043_2.00
archetype family: bZIP
assignment: orthology

Nvec_vc1.1_XM_001628964.3
OG: Forkhead.HG1.23:FOXK1/FOXK2
PFAM: FHA/Forkhead
archetype: ARCH1003_Foxa3/Foxa1/Foxa2_...
archetype family: Forkhead
assignment: archetype

Nvec_vc1.1_XM_001628971.3
OG: zf−C2H2.HG1.87:like:AC008758.1/AC008770.2/AC010422.6/AC073111.4/AC1386
PFAM: zf−met/zf−C2H2/zf−C2H2_4/zf−C2H2/zf−met/zf−C2H2_4/zf−C2H2/zf−C2H2/zf−
archetype: ARCH804_PB0207.1_Zic3_2
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_001629218.3 (TBX20)
OG: T−box.HG1.13:TBX1/TBX10/TBX15/TBX18/TBX20/TBX22
PFAM: T−box
archetype: ARCH862_Tbx18/Tbx22/Tbx15_T...
archetype family: T−box
assignment: archetype

Nvec_vc1.1_XM_001629480.3
OG: HLH.HG1.0:AC019117.4/AHR/AHRR/ARNT/ARNT2/ARNTL/ARNTL2/CLOCK/NC
PFAM: HLH/PAS/PAS_11
archetype: ARCH473_bHLH80__ZSCAN4
archetype family: HLH
assignment: archetype

Nvec_vc1.1_XM_001629572.3
OG: Grainyhead_LSF.HG1.0:TFCP2/TFCP2L1/UBP1
PFAM: CP2/SAM_3
archetype: M03769_2.00
archetype family: Grainyhead_LSF
assignment: orthology

Nvec_vc1.1_XM_001629605.3
OG: SMAD_MH1.HG1.2:like:SMAD4
PFAM: MH1/MH1/zf−HC5HC2H_2/PHD/PHD
archetype: ARCH662_Smad4
archetype family: SMAD_MH1
assignment: archetype

Nvec_vc1.1_XM_001629694.3 (XBP1)
OG: bZIP.HG1.16:XBP1
PFAM: bZIP_1
archetype: ARCH949_bZIP48
archetype family: bZIP
assignment: archetype

Nvec_vc1.1_XM_001629987.3 (NvSoxE1)
OG: HMGbox_Sox.HG1.42:SOX8/SOX9/SOX10
PFAM: Sox_N/HMG_box
archetype: ARCH924_/Lef1/Tcf7l1/Tcf7
archetype family: HMGbox_Sox
assignment: archetype

Nvec_vc1.1_XM_001630131.3
OG: ARID_BRIGHT.HG1.2:ARID4A/ARID4B
PFAM: RBB1NT/ARID/Tudor−knot
archetype: ARCH64_Arid2_Arid3c/Arid3a/...
archetype family: ARID_BRIGHT
assignment: archetype

Nvec_vc1.1_XM_001630333.3
OG: Myb.HG1.0:CDC5L
PFAM: Myb_DNA−bind_6/Myb_Cef
archetype: M11049_2.00
archetype family: Myb
assignment: orthology

Nvec_vc1.1_XM_001630356.3
OG: GATA.HG1.4:ZGLP1
PFAM: GATA
archetype: ARCH1449_Gata3/Gata1/Gata2
archetype family: GATA
assignment: archetype

Nvec_vc1.1_XM_001630363.3
OG: Forkhead.HG1.29:FOXO1/FOXO3/FOXO3B/FOXO4/FOXO6
PFAM: Forkhead/FOXO−TAD
archetype: ARCH829_PB0121.1_Foxj3_2
archetype family: Forkhead
assignment: archetype

Nvec_vc1.1_XM_001630519.3
OG: Homeodomains.HG1.49:like:NOTO
PFAM: Homeodomain
archetype: ARCH17_Alx3/Alx4/Alx1_Barx2...
archetype family: Homeodomains
assignment: archetype

Nvec_vc1.1_XM_001630559.3
OG: zf−C2H2.HG19.0:ZNF496
PFAM: zf−C2H2/zf−C2H2_4/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2
archetype: ARCH1274_ZNF528
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_001630676.3
OG: Homeodomains.HG2.68:like:ARX/OTP
PFAM: Homeodomain
archetype: Nvec_vc1.1_XM_001630676.3_Homeodomains.HG2.68:like:ARX/OTP_241
archetype family: Homeodomains
assignment: dapseq

Nvec_vc1.1_XM_001630974.3
OG: Myb.HG1.23:TERB1/TERF2
PFAM: Myb_DNA−binding
archetype: ARCH1391_MYB113
archetype family: Myb
assignment: archetype

Nvec_vc1.1_XM_001631093.3
OG: bZIP.HG1.17:ATF3/JDP2
PFAM: bZIP_1
archetype: ARCH947_Creb3l2/Creb3l1
archetype family: bZIP
assignment: archetype

Nvec_vc1.1_XM_001631173.3
OG: Homeodomains.HG2.62:VSX1/VSX2
PFAM: Homeodomain
archetype: ARCH1328_M02167_2.00
archetype family: Homeodomains
assignment: archetype

Nvec_vc1.1_XM_001631326.3
OG: HLH.HG1.72:BHLHA9
PFAM: HLH
archetype: ARCH1533_BHLH112
archetype family: HLH
assignment: archetype

Nvec_vc1.1_XM_001631375.3
OG: Homeodomains.HG2.70:ARX
PFAM: Homeodomain/OAR
archetype: ARCH1437_
archetype family: Homeodomains
assignment: archetype

Nvec_vc1.1_XM_001631403.3
OG: HLH.HG1.14:MLXIP/MLXIPL
PFAM: HLH
archetype: M05989_2.00
archetype family: HLH
assignment: orthology

Nvec_vc1.1_XM_001631543.3
OG: bZIP.HG1.15:CREB3/CREB3L1/CREB3L2/CREB3L3/CREB3L4
PFAM: bZIP_1
archetype: ARCH1610_Atf3/Jdp2_Atf7/Gm2...
archetype family: bZIP
assignment: archetype

Nvec_vc1.1_XM_001631607.3
OG: SMAD_MH1.HG1.5:like:SMAD1/SMAD5/SMAD9
PFAM: MH1/MH2
archetype: ARCH733_Smad2/Smad3_Smad9/S...
archetype family: SMAD_MH1
assignment: archetype

Nvec_vc1.1_XM_001631673.3
OG: Homeodomains.HG2.20:LHX1/LHX3/LHX4/LHX5/LMX1A/LMX1B
PFAM: LIM/LIM/Homeodomain
archetype: ARCH52_Alx3/Alx4/Alx1_Barx2...
archetype family: Homeodomains
assignment: archetype

Nvec_vc1.1_XM_001631763.3 (PaxA)
OG: Homeodomains.HG2.49:like:PAX1/PAX9
PFAM: PAX
archetype: PaxA_241030_dimont
archetype family: Pax
assignment: dapseq

Nvec_vc1.1_XM_001632367.3
OG: Homeodomains.HG1.19:NKX2−1/NKX2−2/NKX2−3/NKX2−4/NKX2−5/NKX2−6/NK
PFAM: Homeodomain
archetype: ARCH167_Nanog
archetype family: Homeodomains
assignment: archetype

Nvec_vc1.1_XM_001632368.2
OG: Homeodomains.HG1.19:NKX2−1/NKX2−2/NKX2−3/NKX2−4/NKX2−5/NKX2−6/NK
PFAM: Homeodomain
archetype: ARCH1520_Nkx2−2/Nkx2−9
archetype family: Homeodomains
assignment: archetype

Nvec_vc1.1_XM_001632568.3 (NvSoxB2a)
OG: HMGbox_Sox.HG1.34:SRY
PFAM: HMG_box
archetype: M00206_2.00
archetype family: HMGbox_Sox
assignment: orthology

Nvec_vc1.1_XM_001632824.3
OG: T−box.HG1.13:TBX1/TBX10/TBX15/TBX18/TBX20/TBX22
PFAM: T−box
archetype: M03569_2.00
archetype family: T−box
assignment: orthology

Nvec_vc1.1_XM_001632826.3
OG: HLH.HG1.67:HAND1/HAND2
PFAM: HLH
archetype: ARCH1068_bHLH122
archetype family: HLH
assignment: archetype

Nvec_vc1.1_XM_001632929.3
OG: Homeodomains.HG2.41:SHOX/SHOX2
PFAM: Homeodomain
archetype: Shox2_241030_homer
archetype family: Homeodomains
assignment: dapseq

Nvec_vc1.1_XM_001632947.3 (NvSoxB1)
OG: HMGbox_Sox.HG1.35:SOX1/SOX2/SOX3/SOX14/SOX21
PFAM: HMG_box/SOXp
archetype: ARCH67_Oct4:Sox17
archetype family: HMGbox_Sox
assignment: archetype

Nvec_vc1.1_XM_001633014.3 (HSF−like)
OG: HSF.HG1.4:like:HSF1/HSF2/HSF4
PFAM: HSF_DNA−bind
archetype: M05519_2.00
archetype family: HSF
assignment: orthology

Nvec_vc1.1_XM_001633156.3
OG: T−box.HG1.1:like:MGA/TBX1/TBX2/TBX3/TBX4/TBX5/TBX6/TBX10/TBX15/TBX1
PFAM: T−box
archetype: ARCH839_Tbx10/Tbx1_Tbx18/Tb...
archetype family: T−box
assignment: archetype

Nvec_vc1.1_XM_001633273.3
OG: bZIP.HG1.17:ATF3/JDP2
PFAM: bZIP_1
archetype: ARCH1611_Fos/Fosb/Fosl1/Fosl2
archetype family: bZIP
assignment: archetype

Nvec_vc1.1_XM_001633393.3
OG: bZIP.HG1.18:ATF1/CREB1/CREM
PFAM: pKID/bZIP_1
archetype: ARCH1485_Atf3/Jdp2_Fos/Fosb...
archetype family: bZIP
assignment: archetype

Nvec_vc1.1_XM_001633398.3
OG: zf−C2H2.HG19.1:PRDM14
PFAM: zf−H2C2_2/zf−C2H2
archetype: ARCH743_BPC1__M06113_2.00__...
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_001633482.3
OG: CSD.HG1.6:YBX1/YBX2/YBX3
PFAM: CSD
archetype: M01207_2.00
archetype family: CSD
assignment: cisbp

Nvec_vc1.1_XM_001633504.3
OG: zf−C2H2.HG10.1:ZFP3/ZNF319/ZNF449/ZNF574
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2_11/
archetype: ARCH1345_Gfi1b/Gfi1
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_001633508.3
OG: zf−C2H2.HG1.3:ZBTB3
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2_6/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/z
archetype: ARCH1200_Zfp760/Zfp770
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_001633541.3
OG: Homeodomains.HG3.5:like:IRX1/IRX2/IRX3/IRX4/IRX5/IRX6/MKX/ONECUT1/ONE
PFAM: SIX1_SD/Homeobox_KN
archetype: ARCH273_HOXD3
archetype family: Homeodomains
assignment: archetype

Nvec_vc1.1_XM_001633762.3
OG: HMGbox_Sox.HG1.37:like:SSRP1
PFAM: HMG_box/HMG_box
archetype: ARCH1177_/Sox4/Sox11_Sox13/...
archetype family: HMGbox_Sox
assignment: archetype

Nvec_vc1.1_XM_001633772.3
OG: zf−C2H2.HG4.1:like:GLI1/GLI2/GLI3/GLIS1/GLIS2/GLIS3
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2
archetype: ARCH1274_ZNF528
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_001633819.3 (BHMG1)
OG: HLH.HG1.3:BHMG1
PFAM: HLH
archetype: ARCH867_ZEB1__PL0011.1_hlh−...
archetype family: HLH
assignment: archetype

Nvec_vc1.1_XM_001633894.3
OG: AP−2.HG1.0:TFAP2A/TFAP2B/TFAP2C/TFAP2D/TFAP2E
PFAM: TF_AP−2
archetype: ARCH387_TFAP2E
archetype family: AP2
assignment: archetype

Nvec_vc1.1_XM_001633901.3
OG: T−box.HG1.11:TBX2/TBX3
PFAM: T−box
archetype: ARCH484_Tbx3/Tbx2
archetype family: T−box
assignment: archetype

Nvec_vc1.1_XM_001633902.3
OG: T−box.HG1.12:TBX4/TBX5
PFAM: T−box
archetype: ARCH837_Tbx10/Tbx1_Tbx18/Tb...
archetype family: T−box
assignment: archetype

Nvec_vc1.1_XM_001633995.3
OG: Homeodomains.HG3.22:IRX1/IRX2/IRX3/IRX4/IRX5/IRX6/MKX
PFAM: Homeobox_KN
archetype: ARCH126_Pbx4/Pbx2/Pbx1
archetype family: Homeodomains
assignment: archetype

Nvec_vc1.1_XM_001634111.3
OG: Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB2/FOXD1/FOXD2/FOXD3/F
PFAM: Forkhead
archetype: Nvec_vc1.1_XM_001634111.3_Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FO
archetype family: Forkhead
assignment: dapseq

Nvec_vc1.1_XM_001634116.3
OG: Homeodomains.HG2.70:ARX
PFAM: Homeodomain/OAR
archetype: ARCH1020_Alx3/Alx4/Alx1_Bar...
archetype family: Homeodomains
assignment: archetype

Nvec_vc1.1_XM_001634132.3
OG: zf−C2H2.HG2.14:SP1/SP2/SP3/SP4/SP5/SP6/SP7/SP8/SP9
PFAM: zf−C2H2/zf−C2H2
archetype: ARCH405_Sp6/Sp5_Sp7/Sp8/Sp9
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_001634160.3
OG: Homeodomains.HG2.57:RAX/RAX2
PFAM: Homeodomain/OAR
archetype: Rax_241030_homer
archetype family: Homeodomains
assignment: dapseq

Nvec_vc1.1_XM_001634198.3
OG: Homeodomains.HG1.70:HOXA2/HOXB2/PDX1
PFAM: Homeodomain
archetype: ARCH1362_Six1/_Six4/Six5
archetype family: Homeodomains
assignment: archetype

Nvec_vc1.1_XM_001634199.3
OG: Homeodomains.HG1.70:HOXA2/HOXB2/PDX1
PFAM: Homeodomain
archetype: ARCH1362_Six1/_Six4/Six5
archetype family: Homeodomains
assignment: archetype

Nvec_vc1.1_XM_001634202.3 (Anthox6/Ax6)
OG: Homeodomains.HG1.58:HOXA1/HOXB1/HOXD1
PFAM: Homeodomain
archetype: ARCH33_Hoxa1/Hoxb1/Hoxd1
archetype family: Homeodomains
assignment: archetype

Nvec_vc1.1_XM_001634326.3
OG: bZIP.HG2.0:like:CEBPA/CEBPB/CEBPD/CEBPE/CEBPG
PFAM: bZIP_2
archetype: ARCH1064_M06023_2.00__M0284...
archetype family: bZIP
assignment: archetype

Nvec_vc1.1_XM_001634460.3
OG: bZIP.HG2.13:like:DBP/HLF/TEF
PFAM: bZIP_2
archetype: ARCH952_Fos/Fosb/Fosl1/Fosl...
archetype family: bZIP
assignment: archetype

Nvec_vc1.1_XM_001634505.3 (FoxA)
OG: Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB2/FOXD1/FOXD2/FOXD3/F
PFAM: Forkhead_N/Forkhead/HNF_C
archetype: ARCH1291_Fox:Ebox
archetype family: Forkhead
assignment: archetype

Nvec_vc1.1_XM_001634550.3
OG: HLH.HG1.53:HES5/HES7
PFAM: HLH
archetype: ARCH473_bHLH80__ZSCAN4
archetype family: HLH
assignment: archetype

Nvec_vc1.1_XM_001634673.3
OG: zf−C2H2.HG1.5:ZNF688
PFAM: zf−C2H2_11/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2
archetype: ARCH1255_Yy1
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_001634712.3
OG: HLH.HG2.0:EBF1/EBF2/EBF3/EBF4
PFAM: COE1_DBD/TIG/COE1_HLH
archetype: M03721_2.00
archetype family: HLH
assignment: orthology

Nvec_vc1.1_XM_001634715.3 (Lbx)
OG: Homeodomains.HG1.29:LBX1/LBX2
PFAM: Homeodomain
archetype: ARCH1362_Six1/_Six4/Six5
archetype family: Homeodomains
assignment: archetype

Nvec_vc1.1_XM_001634768.3
OG: Homeodomains.HG2.11:DUX4/DUXA/DUXB
PFAM: Homeodomain
archetype: M02082_2.00
archetype family: Homeodomains
assignment: orthology

Nvec_vc1.1_XM_001634938.2 (Nem64)
OG: HLH.HG1.93:like:SCX/TCF15
PFAM: HLH
archetype: Nem64_241030_homer
archetype family: HLH
assignment: dapseq

Nvec_vc1.1_XM_001634946.3
OG: Homeodomains.HG3.31:SIX1/SIX2
PFAM: SIX1_SD/Homeodomain
archetype: ARCH1055_MF0010.1_Homeobox_...
archetype family: Homeodomains
assignment: archetype

Nvec_vc1.1_XM_001634956.3
OG: Homeodomains.HG2.43:GSC/GSC2
PFAM: Homeodomain
archetype: ARCH1430_Dmbx1_Gsc2/Gsc//Ob...
archetype family: Homeodomains
assignment: archetype

Nvec_vc1.1_XM_001635015.3
OG: Homeodomains.HG2.68:like:ARX/OTP
PFAM: Homeodomain
archetype: ARCH41_Alx3/Alx4/Alx1_Barx2...
archetype family: Homeodomains
assignment: archetype

Nvec_vc1.1_XM_001635041.3
OG: MADS−box_SRF.HG1.0:SRF
PFAM: SRF−TF
archetype: ARCH1309_Srf
archetype family: MADS−box_SRF
assignment: archetype

Nvec_vc1.1_XM_001635120.3
OG: zf−C2H2.HG1.207:like:AC008758.1/AC008770.2/AC010422.6/AC073111.4/AC138
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2_4
archetype: ARCH385_M08281_2.00__ZNF711
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_001635172.3
OG: HLH.HG1.38:MXD1/MXD3/MXD4/MXI1
PFAM: HLH
archetype: ARCH867_ZEB1__PL0011.1_hlh−...
archetype family: HLH
assignment: archetype

Nvec_vc1.1_XM_001635190.3
OG: zf−C2H2.HG1.30:like:AC008758.1/AC008770.2/AC010422.6/AC073111.4/AC1386
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2
archetype: ARCH1370_M05856_2.00
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_001635275.3
OG: HLH.HG1.63:like:HES5/HES7
PFAM: HLH
archetype: ARCH1533_BHLH112
archetype family: HLH
assignment: archetype

Nvec_vc1.1_XM_001635276.3
OG: HLH.HG1.63:like:HES5/HES7
PFAM: HLH
archetype: ARCH1533_BHLH112
archetype family: HLH
assignment: archetype

Nvec_vc1.1_XM_001635277.3
OG: HLH.HG1.62:like:HES5/HES7
PFAM: HLH/Hairy_orange
archetype: ARCH1533_BHLH112
archetype family: HLH
assignment: archetype

Nvec_vc1.1_XM_001635315.3
OG: HLH.HG1.63:like:HES5/HES7
PFAM: HLH
archetype: M00933_2.00
archetype family: HLH
assignment: orthology

Nvec_vc1.1_XM_001635316.3
OG: HLH.HG1.53:HES5/HES7
PFAM: HLH
archetype: ARCH1533_BHLH112
archetype family: HLH
assignment: archetype

Nvec_vc1.1_XM_001635374.3
OG: Homeodomains.HG3.7:PBX1/PBX2/PBX3/PBX4
PFAM: PBC/Homeodomain
archetype: ARCH300_Emx1/Emx2_Hmx1/Hmx3...
archetype family: Homeodomains
assignment: archetype

Nvec_vc1.1_XM_001636116.3
OG: TBP.HG1.3:TBP/TBPL2
PFAM: TBP/TBP
archetype: M00216_2.00
archetype family: TBP
assignment: orthology

Nvec_vc1.1_XM_001636155.3 (NvSoxF1)
OG: HMGbox_Sox.HG1.16:like:PINX1/SOX7/SOX17/SOX18
PFAM: HMG_box
archetype: ARCH924_/Lef1/Tcf7l1/Tcf7
archetype family: HMGbox_Sox
assignment: archetype

Nvec_vc1.1_XM_001636163.3
OG: Homeodomains.HG4.4:POU6F1/POU6F2
PFAM: DFP/DFP/Pou/Homeodomain
archetype: ARCH1054_POU3F1
archetype family: Pou/Homeodomain
assignment: archetype

Nvec_vc1.1_XM_001636315.3
OG: zf−C2H2.HG1.35:FEZF1/FEZF2/GFI1/GFI1B
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2
archetype: ARCH1204_ARR1__ZNF24
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_001636352.3
OG: Ets.HG1.2:ELK1/ELK3/ELK4
PFAM: Ets
archetype: ARCH585_Spdef
archetype family: Ets
assignment: archetype

Nvec_vc1.1_XM_001636464.3
OG: Myb.HG7.0:TERF2IP
PFAM: BRCT_2/Myb_DNA−bind_2
archetype: ARCH646_Msantd4/Mypop_Terf2ip
archetype family: Myb
assignment: archetype

Nvec_vc1.1_XM_001636622.3
OG: HLH.HG1.37:MNT
PFAM: HLH
archetype: M05979_2.00
archetype family: HLH
assignment: orthology

Nvec_vc1.1_XM_001636859.3
OG: Homeodomains.HG2.58:UNCX
PFAM: Homeodomain/OAR
archetype: M02082_2.00
archetype family: Homeodomains
assignment: orthology

Nvec_vc1.1_XM_001636862.3
OG: Homeodomains.HG2.33:like:PAX1/PAX9
PFAM: Homeodomain
archetype: ARCH299_Alx3/Alx4/Alx1_Barx...
archetype family: Homeodomains
assignment: archetype

Nvec_vc1.1_XM_001636889.3 (FoxJ1)
OG: Forkhead.HG1.24:FOXJ1
PFAM: Forkhead
archetype: ARCH975_Foxd2/Foxd4/Foxd3/F...
archetype family: Forkhead
assignment: archetype

Nvec_vc1.1_XM_001636971.3
OG: GATA.HG2.1:RERE
PFAM: BAH/ELM2/GATA
archetype: ARCH1456_Gata3/Gata1/Gata2_...
archetype family: GATA
assignment: archetype

Nvec_vc1.1_XM_001637044.3
OG: HLH.HG1.54:like:HES5/HES7
PFAM: HLH/Hairy_orange
archetype: ARCH1533_BHLH112
archetype family: HLH
assignment: archetype

Nvec_vc1.1_XM_001637155.3
OG: Myb.HG5.0:DMAP1
PFAM: SANT_DAMP1_like/DMAP1
archetype: ARCH193_MYB116
archetype family: Myb
assignment: archetype

Nvec_vc1.1_XM_001637190.3
OG: zf−C2H2.HG4.11:GLIS1/GLIS3
PFAM: zf−C2H2/zf−C2H2/zf−C2H2
archetype: ARCH1043_ZNF652
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_001637272.3
OG: zf−C2H2.HG95.1:NA
PFAM: HNF−1_N/zf−C2H2/zf−C2H2/zf−C2H2/zf−H2C2_2
archetype: ARCH861_Scrt2/Scrt1
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_001637374.3
OG: Ets.HG1.2:ELK1/ELK3/ELK4
PFAM: Ets
archetype: Nvec_vc1.1_XM_001637374.3_Ets.HG1.2:ELK1/ELK3/ELK4_241030_stren
archetype family: Ets
assignment: dapseq

Nvec_vc1.1_XM_001637502.3
OG: Myb.HG1.23:TERB1/TERF2
PFAM: Myb_DNA−binding
archetype: ARCH1387_MYB105
archetype family: Myb
assignment: archetype

Nvec_vc1.1_XM_001637508.3
OG: IRF.HG1.1:IRF1/IRF2/IRF3/IRF4/IRF5/IRF6/IRF7/IRF8/IRF9
PFAM: IRF
archetype: Nvec_vc1.1_XM_001637508.3_IRF.HG1.1:IRF1/IRF2/IRF3/IRF4/IRF5/IRF6/
archetype family: IRF
assignment: dapseq

Nvec_vc1.1_XM_001637529.3
OG: Myb.HG1.2:DMTF1/TTF1
PFAM: Myb_DNA−binding/Myb_DNA−binding
archetype: ARCH153_Msantd2_Rcor1/Rcor2...
archetype family: Myb
assignment: archetype

Nvec_vc1.1_XM_001637733.3
OG: Homeodomains.HG1.67:GSX1/GSX2
PFAM: Homeodomain
archetype: ARCH103_Hnf1a/Hnf1b
archetype family: Homeodomains
assignment: archetype

Nvec_vc1.1_XM_001638266.3
OG: bZIP.HG1.0:CREBL2
PFAM: bZIP_2
archetype: Crebl2_250224_streme
archetype family: bZIP
assignment: dapseq

Nvec_vc1.1_XM_001638641.3
OG: zf−C2H2.HG2.4:MTF1/ZNF76/ZNF143
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2
archetype: ARCH836_M08316_2.00__M08901...
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_001638761.3
OG: zf−C2H2.HG16.2:like:TRERF1/ZNF541
PFAM: zf−C2H2/zf−C2H2_6/ELM2
archetype: ARCH861_Scrt2/Scrt1
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_001638841.3
OG: Forkhead.HG1.22:FOXG1
PFAM: Forkhead
archetype: ARCH829_PB0121.1_Foxj3_2
archetype family: Forkhead
assignment: archetype

Nvec_vc1.1_XM_001638852.3
OG: HMGbox_Sox.HG1.47:like:NSD2
PFAM: HMG_box/HMG_box/HMG_box
archetype: ARCH1177_/Sox4/Sox11_Sox13/...
archetype family: HMGbox_Sox
assignment: archetype

Nvec_vc1.1_XM_001639101.3
OG: Homeodomains.HG2.27:like:PAX1/PAX2/PAX3/PAX4/PAX5/PAX6/PAX7/PAX8/PAX
PFAM: PAX/Homeodomain
archetype: ARCH873_Pax5/Pax8/Pax2
archetype family: Pax/Homeodomain
assignment: archetype

Nvec_vc1.1_XM_001639164.3
OG: Homeodomains.HG2.36:like:AC025287.4/ALX1/ALX3/ALX4/ARGFX/ARX/CPHXL/
PFAM: Homeodomain
archetype: ARCH41_Alx3/Alx4/Alx1_Barx2...
archetype family: Homeodomains
assignment: archetype

Nvec_vc1.1_XM_001639307.3
OG: bZIP.HG3.3:like:MAF/MAFA/MAFB/NRL
PFAM: bZIP_Maf
archetype: Nvec_vc1.1_XM_001639307.3_bZIP.HG3.3:like:MAF/MAFA/MAFB/NRL_24
archetype family: bZIP
assignment: dapseq

Nvec_vc1.1_XM_001639547.3
OG: zf−C2H2.HG2.11:KLF10/KLF11
PFAM: zf−C2H2/zf−C2H2/zf−C2H2
archetype: ARCH1345_Gfi1b/Gfi1
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_001639692.3
OG: HLH.HG1.0:AC019117.4/AHR/AHRR/ARNT/ARNT2/ARNTL/ARNTL2/CLOCK/NC
PFAM: HLH/PAS/PAS_11
archetype: ARCH867_ZEB1__PL0011.1_hlh−...
archetype family: HLH
assignment: archetype

Nvec_vc1.1_XM_001639701.3 (NvSox2)
OG: HMGbox_Sox.HG1.14:like:SOX1/SOX2/SOX3/SOX14/SOX15/SOX21/SRY
PFAM: HMG_box
archetype: NvSox2_250224_dimont
archetype family: HMGbox_Sox
assignment: dapseq

Nvec_vc1.1_XM_001639705.3
OG: zf−C2H2.HG1.30:like:AC008758.1/AC008770.2/AC010422.6/AC073111.4/AC1386
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2
archetype: ARCH480_Snai2
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_001639717.3
OG: zf−C2H2.HG1.35:FEZF1/FEZF2/GFI1/GFI1B
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2
archetype: ARCH502_M06063_2.00
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_001639766.3
OG: zf−C2H2.HG3.18:like:HINFP/HIVEP2/HIVEP3/RREB1/YY1/YY2/ZFP42/ZFPM1/ZN
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C
archetype: ARCH419_Yy1
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_001640743.3
OG: HLH.HG1.29:MYC/MYCL/MYCN
PFAM: HLH
archetype: ARCH867_ZEB1__PL0011.1_hlh−...
archetype family: HLH
assignment: archetype

Nvec_vc1.1_XM_001640781.3
OG: Homeodomains.HG1.41:NKX1−1/NKX1−2
PFAM: Homeodomain
archetype: ARCH91_Alx3/Alx4/Alx1_Barx2...
archetype family: Homeodomains
assignment: archetype

Nvec_vc1.1_XM_001640809.3 (Myc2)
OG: HLH.HG1.29:MYC/MYCL/MYCN
PFAM: Myc_N/HLH
archetype: ARCH783_bHLH18__MNT
archetype family: HLH
assignment: archetype

Nvec_vc1.1_XM_001640853.3
OG: bZIP.HG1.6:JUN/JUNB/JUND
PFAM: Jun/bZIP_1
archetype: Jund/Junb/Jun_250224_dimont
archetype family: bZIP
assignment: dapseq

Nvec_vc1.1_XM_001640990.3
OG: HLH.HG1.77:like:NEUROD1/NEUROD2/NEUROD4/NEUROD6
PFAM: HLH
archetype: M06004_2.00
archetype family: HLH
assignment: orthology

Nvec_vc1.1_XM_001641032.3
OG: Homeodomains.HG1.18:NANOG/NANOGP8
PFAM: Homeodomain
archetype: ARCH273_HOXD3
archetype family: Homeodomains
assignment: archetype

Nvec_vc1.1_XM_001641086.3
OG: zf−C2H2.HG7.5:SNAI1/SNAI2/SNAI3
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2
archetype: ARCH1345_Gfi1b/Gfi1
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_001641129.3 (ZNF845)
OG: zf−C2H2.HG3.8:like:ZNF770
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−H2C2_2/zf−C2H2
archetype: ZNF845_241030_homer
archetype family: zf−C2H2
assignment: dapseq

Nvec_vc1.1_XM_001641264.3
OG: Homeodomains.HG1.61:NOTO
PFAM: Homeodomain
archetype: ARCH487_Meis3/Meis2/Meis1_P...
archetype family: Homeodomains
assignment: archetype

Nvec_vc1.1_XM_001641552.3
OG: Homeodomains.HG1.47:like:MSX1/MSX2
PFAM: Homeodomain
archetype: ARCH1437_
archetype family: Homeodomains
assignment: archetype

Nvec_vc1.1_XM_001641575.3
OG: Homeodomains.HG1.68:AC004080.3/AC012531.3/CDX1/CDX2/CDX4/HOXA4/HO
PFAM: Homeodomain
archetype: ARCH1362_Six1/_Six4/Six5
archetype family: Homeodomains
assignment: archetype

Nvec_vc1.1_XM_001641660.3
OG: Homeodomains.HG2.64:PITX1/PITX2/PITX3
PFAM: Homeodomain
archetype: ARCH1437_
archetype family: Homeodomains
assignment: archetype

Nvec_vc1.1_XM_001647471.3 (OtxC)
OG: Homeodomains.HG2.46:CRX/OTX1/OTX2
PFAM: Homeodomain
archetype: M03808_2.00
archetype family: Homeodomains
assignment: orthology

Nvec_vc1.1_XM_001647488.3
OG: Homeodomains.HG2.46:CRX/OTX1/OTX2
PFAM: Homeodomain
archetype: ARCH697_Six1/_Six4/Six5
archetype family: Homeodomains
assignment: archetype

Nvec_vc1.1_XM_032361813.2
OG: Myb.HG1.23:TERB1/TERF2
PFAM: Myb_DNA−binding
archetype: ARCH1391_MYB113
archetype family: Myb
assignment: archetype

Nvec_vc1.1_XM_032361814.2
OG: zf−C2H2.HG1.35:FEZF1/FEZF2/GFI1/GFI1B
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2
archetype: ARCH827_Vezf1/Maz
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_032361849.2
OG: Ets.HG1.2:ELK1/ELK3/ELK4
PFAM: Ets
archetype: ARCH578_Elf3/Ehf/Elf5_Etv6
archetype family: Ets
assignment: archetype

Nvec_vc1.1_XM_032361976.2
OG: IRF.HG1.1:IRF1/IRF2/IRF3/IRF4/IRF5/IRF6/IRF7/IRF8/IRF9
PFAM: IRF
archetype: ARCH591_ISRE__IRF3__IRF8
archetype family: IRF
assignment: archetype

Nvec_vc1.1_XM_032362135.2
OG: ARID_BRIGHT.HG1.9:ARID3A/ARID3B/ARID3C
PFAM: ARID
archetype: ARCH13_Arid2_Arid3c/Arid3a/...
archetype family: ARID_BRIGHT
assignment: archetype

Nvec_vc1.1_XM_032362307.2
OG: Homeodomains.HG1.66:like:GSX1/GSX2
PFAM: Homeodomain
archetype: ARCH1055_MF0010.1_Homeobox_...
archetype family: Homeodomains
assignment: archetype

Nvec_vc1.1_XM_032362346.2
OG: Homeodomains.HG1.21:BARX1/BARX2/BSX/DBX1/DBX2/HLX
PFAM: Homeodomain
archetype: ARCH167_Nanog
archetype family: Homeodomains
assignment: archetype

Nvec_vc1.1_XM_032362379.2
OG: Homeodomains.HG1.19:NKX2−1/NKX2−2/NKX2−3/NKX2−4/NKX2−5/NKX2−6/NK
PFAM: Homeodomain
archetype: ARCH1546_Meis3/Meis2/Meis1_...
archetype family: Homeodomains
assignment: archetype

Nvec_vc1.1_XM_032362396.2
OG: Homeodomains.HG1.69:HOXA3/HOXB3/HOXD3
PFAM: Homeodomain
archetype: M03126_2.00
archetype family: Homeodomains
assignment: orthology

Nvec_vc1.1_XM_032362607.2
OG: Forkhead.HG1.5:FOXQ1
PFAM: Forkhead
archetype: ARCH895_Foxn4/Foxn1
archetype family: Forkhead
assignment: archetype

Nvec_vc1.1_XM_032362713.2 (Islet)
OG: Homeodomains.HG2.19:ISL1/ISL2
PFAM: LIM/LIM/Homeodomain
archetype: M06272_2.00
archetype family: Homeodomains
assignment: orthology

Nvec_vc1.1_XM_032362829.1
OG: HLH.HG1.87:LYL1/NHLH1/NHLH2/TAL1/TAL2
PFAM: HLH
archetype: ARCH473_bHLH80__ZSCAN4
archetype family: HLH
assignment: archetype

Nvec_vc1.1_XM_032362934.2
OG: Ets.HG1.11:EHF/ELF3/ELF5
PFAM: Ets
archetype: ARCH587_Elf3/Ehf/Elf5_Erg/F...
archetype family: Ets
assignment: archetype

Nvec_vc1.1_XM_032362959.2
OG: MADS−box_SRF.HG1.1:like:BORCS8−MEF2B/MEF2A/MEF2B/MEF2C/MEF2D
PFAM: SRF−TF
archetype: ARCH1333_Mef2c/Mef2b/Mef2a/...
archetype family: MADS−box_SRF
assignment: archetype

Nvec_vc1.1_XM_032363017.2
OG: HLH.HG1.87:LYL1/NHLH1/NHLH2/TAL1/TAL2
PFAM: HLH
archetype: M08734_2.00
archetype family: HLH
assignment: orthology

Nvec_vc1.1_XM_032363027.2
OG: zf−C2H2.HG19.1:PRDM14
PFAM: SET/zf−C2H2/zf−C2H2/zf−C2H2
archetype: ARCH1200_Zfp760/Zfp770
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_032363350.2
OG: Homeodomains.HG1.31:DLX1/DLX2/DLX3/DLX4/DLX5/DLX6
PFAM: Homeodomain
archetype: ARCH294_Emx1/Emx2_Hmx1/Hmx3...
archetype family: Homeodomains
assignment: archetype

Nvec_vc1.1_XM_032363417.2
OG: zf−C2H2.HG3.2:ZBTB17
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2
archetype: ARCH1345_Gfi1b/Gfi1
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_032363603.2
OG: T−box.HG1.13:TBX1/TBX10/TBX15/TBX18/TBX20/TBX22
PFAM: T−box
archetype: ARCH862_Tbx18/Tbx22/Tbx15_T...
archetype family: T−box
assignment: archetype

Nvec_vc1.1_XM_032363733.2
OG: zf−C2H2.HG1.62:ZBTB11
PFAM: zf−C2H2/zf−C2H2_6/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2_6/zf−C2H2
archetype: ARCH451_ZNF415
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_032363859.2
OG: Forkhead.HG1.32:FOXP2
PFAM: FOXP−CC/Forkhead
archetype: ARCH1004_Foxa3/Foxa1/Foxa2_...
archetype family: Forkhead
assignment: archetype

Nvec_vc1.1_XM_032363874.2
OG: Homeodomains.HG1.23:like:HHEX/LBX1/LBX2/NKX2−1/NKX2−2/NKX2−3/NKX2−
PFAM: Homeodomain
archetype: ARCH1544_Nkx2−2/Nkx2−9
archetype family: Homeodomains
assignment: archetype

Nvec_vc1.1_XM_032363920.2
OG: Homeodomains.HG1.23:like:HHEX/LBX1/LBX2/NKX2−1/NKX2−2/NKX2−3/NKX2−
PFAM: Homeodomain
archetype: ARCH273_HOXD3
archetype family: Homeodomains
assignment: archetype

Nvec_vc1.1_XM_032363985.2
OG: bZIP.HG2.6:like:DBP/HLF/TEF
PFAM: bZIP_2
archetype: M02849_2.00
archetype family: bZIP
assignment: orthology

Nvec_vc1.1_XM_032363992.2 (Pou4)
OG: Homeodomains.HG4.6:POU4F1/POU4F2/POU4F3
PFAM: Pou/Homeodomain
archetype: ARCH56_POU4F1
archetype family: Pou/Homeodomain
assignment: archetype

Nvec_vc1.1_XM_032364001.2
OG: SMAD_MH1.HG1.6:SMAD1/SMAD5/SMAD9
PFAM: MH1/MH2
archetype: M06446_2.00
archetype family: SMAD_MH1
assignment: orthology

Nvec_vc1.1_XM_032364121.2
OG: Homeodomains.HG1.39:BARHL1/BARHL2
PFAM: Homeodomain
archetype: ARCH1362_Six1/_Six4/Six5
archetype family: Homeodomains
assignment: archetype

Nvec_vc1.1_XM_032364139.2
OG: HLH.HG1.8:CCDC169−SOHLH2/SOHLH2
PFAM: HLH
archetype: M04097_2.00
archetype family: HLH
assignment: orthology

Nvec_vc1.1_XM_032364195.2
OG: zf−C2H2.HG3.22:like:HINFP/HIVEP2/HIVEP3/RREB1/YY1/YY2/ZFP42/ZFPM1/ZN
PFAM: zf−C2H2/zf−C2H2/zf−C2H2
archetype: ARCH497_M03679_2.00
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_032364225.2
OG: HMGbox_Sox.HG1.64:like:HMG20B
PFAM: HMG_box
archetype: M02487_2.00
archetype family: HMGbox_Sox
assignment: orthology

Nvec_vc1.1_XM_032364281.2
OG: Myb.HG1.23:TERB1/TERF2
PFAM: Myb_DNA−binding
archetype: ARCH1391_MYB113
archetype family: Myb
assignment: archetype

Nvec_vc1.1_XM_032364329.2
OG: HSF.HG1.5:HSF1/HSF2/HSF4
PFAM: HSF_DNA−bind/Vert_HS_TF
archetype: ARCH737_Hsf1/Hsf2/Hsf4/Hsf3
archetype family: HSF
assignment: archetype

Nvec_vc1.1_XM_032364331.2
OG: TEA.HG1.0:TEAD1/TEAD2/TEAD3/TEAD4
PFAM: TEA
archetype: Nvec_vc1.1_XM_032364331.2_TEA.HG1.0:TEAD1/TEAD2/TEAD3/TEAD4_
archetype family: TEA
assignment: dapseq

Nvec_vc1.1_XM_032364348.2
OG: HLH.HG1.34:like:ASCL1/ASCL2/ASCL3/ASCL4/ASCL5/ATOH1/ATOH7/ATOH8/BH
PFAM: HLH
archetype: M08734_2.00
archetype family: HLH
assignment: orthology

Nvec_vc1.1_XM_032364359.2
OG: HMGbox_Sox.HG1.40:TOX/TOX2/TOX3/TOX4
PFAM: HMG_box
archetype: ARCH21_Mael_Tox3/Tox/Tox2/Tox4
archetype family: HMGbox_Sox
assignment: archetype

Nvec_vc1.1_XM_032364373.2
OG: IRF.HG1.1:IRF1/IRF2/IRF3/IRF4/IRF5/IRF6/IRF7/IRF8/IRF9
PFAM: IRF
archetype: ARCH591_ISRE__IRF3__IRF8
archetype family: IRF
assignment: archetype

Nvec_vc1.1_XM_032364561.2
OG: Homeodomains.HG2.0:HNF1A/HNF1B
PFAM: HNF−1_N/Homeodomain
archetype: ARCH1503_Meis3/Meis2/Meis1_...
archetype family: Homeodomains
assignment: archetype

Nvec_vc1.1_XM_032364605.2
OG: Homeodomains.HG1.21:BARX1/BARX2/BSX/DBX1/DBX2/HLX
PFAM: Homeodomain
archetype: ARCH1336_Alx3/Alx4/Alx1_Bar...
archetype family: Homeodomains
assignment: archetype

Nvec_vc1.1_XM_032364704.2
OG: zf−C2H2.HG4.1:like:GLI1/GLI2/GLI3/GLIS1/GLIS2/GLIS3
PFAM: zf−C2H2
archetype: ARCH346_Klf1/Klf4/Klf2_Klf1...
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_032364773.2 (NOTO)
OG: Homeodomains.HG1.59:like:NOTO
PFAM: Homeodomain
archetype: M02154_2.00
archetype family: Homeodomains
assignment: cisbp

Nvec_vc1.1_XM_032364784.2 (Hhex)
OG: Homeodomains.HG1.28:HHEX
PFAM: Homeodomain
archetype: ARCH927_Emx1/Emx2_Gbx1/Gbx2...
archetype family: Homeodomains
assignment: archetype

Nvec_vc1.1_XM_032364814.2
OG: zf−C2H2.HG1.35:FEZF1/FEZF2/GFI1/GFI1B
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2
archetype: ARCH530_Snai2
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_032364851.2
OG: zf−C2H2.HG1.32:like:AC008758.1/AC008770.2/AC010422.6/AC073111.4/AC1386
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2
archetype: ARCH861_Scrt2/Scrt1
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_032364887.2 (FoxL2)
OG: Forkhead.HG1.20:FOXL2
PFAM: Forkhead
archetype: ARCH1102_Foxa3/Foxa1/Foxa2_...
archetype family: Forkhead
assignment: archetype

Nvec_vc1.1_XM_032364903.2
OG: zf−C2H2.HG1.57:like:AC008758.1/AC008770.2/AC010422.6/AC073111.4/AC1386
PFAM: zf−C2H2
archetype: ARCH1345_Gfi1b/Gfi1
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_032365096.2 (Rfx4/6/8)
OG: RFX.HG1.7:RFX6
PFAM: RFX_DNA_binding
archetype: ARCH1359_Rfx1/Rfx3/Rfx2_Rfx6
archetype family: RFX
assignment: archetype

Nvec_vc1.1_XM_032365104.2
OG: Forkhead.HG1.34:like:FOXO1/FOXO3/FOXO3B/FOXO4/FOXO6
PFAM: Forkhead
archetype: ARCH1018_Foxc2/Foxc1_Foxd2/...
archetype family: Forkhead
assignment: archetype

Nvec_vc1.1_XM_032365192.2
OG: HLH.HG1.0:AC019117.4/AHR/AHRR/ARNT/ARNT2/ARNTL/ARNTL2/CLOCK/NC
PFAM: HLH/PAS
archetype: ARCH867_ZEB1__PL0011.1_hlh−...
archetype family: HLH
assignment: archetype

Nvec_vc1.1_XM_032365212.2
OG: Homeodomains.HG2.3:like:AC025287.4/ALX1/ALX3/ALX4/ARGFX/ARX/CPHXL/C
PFAM: Homeodomain
archetype: ARCH1336_Alx3/Alx4/Alx1_Bar...
archetype family: Homeodomains
assignment: archetype

Nvec_vc1.1_XM_032365977.2
OG: zf−C2H2.HG1.33:like:AC008758.1/AC008770.2/AC010422.6/AC073111.4/AC1386
PFAM: zf−C2H2
archetype: ARCH909_Egr3/Egr1
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_032366030.2
OG: HLH.HG1.5:like:CCDC169−SOHLH2/SOHLH1/SOHLH2
PFAM: HLH
archetype: ARCH1068_bHLH122
archetype family: HLH
assignment: archetype

Nvec_vc1.1_XM_032366085.2
OG: Homeodomains.HG1.44:EMX1/EMX2
PFAM: Homeodomain
archetype: ARCH33_Hoxa1/Hoxb1/Hoxd1
archetype family: Homeodomains
assignment: archetype

Nvec_vc1.1_XM_032366098.2 (Ptx1)
OG: HLH.HG1.29:MYC/MYCL/MYCN
PFAM: HLH
archetype: ARCH783_bHLH18__MNT
archetype family: HLH
assignment: archetype

Nvec_vc1.1_XM_032366210.2
OG: Homeodomains.HG1.48:MSX1/MSX2
PFAM: Homeodomain
archetype: ARCH48_Hlx
archetype family: Homeodomains
assignment: archetype

Nvec_vc1.1_XM_032366211.2
OG: Homeodomains.HG1.34:HMX1/HMX2/HMX3
PFAM: Homeodomain
archetype: ARCH1316_Hoxa1/Hoxb1/Hoxd1
archetype family: Homeodomains
assignment: archetype

Nvec_vc1.1_XM_032366225.2
OG: zf−C2H2.HG2.5:KLF15
PFAM: zf−C2H2/zf−C2H2/zf−C2H2
archetype: ARCH1370_M05856_2.00
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_032366242.2
OG: bZIP.HG2.12:like:DBP/HLF/TEF
PFAM: bZIP_2
archetype: M03653_2.00
archetype family: bZIP
assignment: orthology

Nvec_vc1.1_XM_032366602.2
OG: Ets.HG1.11:EHF/ELF3/ELF5
PFAM: SAM_PNT/Ets
archetype: ARCH584_Elf3/Ehf/Elf5_Erg/F...
archetype family: Ets
assignment: archetype

Nvec_vc1.1_XM_032366609.2
OG: Homeodomains.HG1.49:like:NOTO
PFAM: Homeodomain
archetype: ARCH52_Alx3/Alx4/Alx1_Barx2...
archetype family: Homeodomains
assignment: archetype

Nvec_vc1.1_XM_032366627.2
OG: zf−C2H2.HG1.44:EGR1/EGR2/EGR3/EGR4
PFAM: zf−C2H2/zf−C2H2/zf−C2H2
archetype: ARCH530_Snai2
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_032366646.2
OG: ARID_BRIGHT.HG1.5:ARID5A/ARID5B
PFAM: ARID
archetype: ARCH1088_Arid5b/Arid5a
archetype family: ARID_BRIGHT
assignment: archetype

Nvec_vc1.1_XM_032366665.2
OG: Homeodomains.HG1.21:BARX1/BARX2/BSX/DBX1/DBX2/HLX
PFAM: Homeodomain
archetype: ARCH1051_Irx6
archetype family: Homeodomains
assignment: archetype

Nvec_vc1.1_XM_032366733.2 (Anthox1/Ax1)
OG: Homeodomains.HG1.68:AC004080.3/AC012531.3/CDX1/CDX2/CDX4/HOXA4/HO
PFAM: Homeodomain
archetype: M06267_2.00
archetype family: Homeodomains
assignment: orthology

Nvec_vc1.1_XM_032366739.2
OG: HMGbox_Sox.HG1.65:HMG20B
PFAM: HMG_box
archetype: M02487_2.00
archetype family: HMGbox_Sox
assignment: orthology

Nvec_vc1.1_XM_032366790.2
OG: THAP_finger.HG1.0:AC073612.1/THAP1/THAP2/THAP3/THAP4/THAP5/THAP6/T
PFAM: THAP
archetype: ARCH525_M08176_2.00
archetype family: THAP_finger
assignment: archetype

Nvec_vc1.1_XM_032366797.2
OG: Myb.HG1.23:TERB1/TERF2
PFAM: Myb_DNA−binding
archetype: ARCH193_MYB116
archetype family: Myb
assignment: archetype

Nvec_vc1.1_XM_032366836.2
OG: Homeodomains.HG1.54:like:NOTO
PFAM: Homeodomain
archetype: M06354_2.00
archetype family: Homeodomains
assignment: orthology

Nvec_vc1.1_XM_032366964.2
OG: zf−C2H2.HG1.35:FEZF1/FEZF2/GFI1/GFI1B
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2_6
archetype: ARCH353_M06062_2.00__M06468...
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_032366979.2
OG: Homeodomains.HG1.21:BARX1/BARX2/BSX/DBX1/DBX2/HLX
PFAM: Homeodomain
archetype: ARCH1546_Meis3/Meis2/Meis1_...
archetype family: Homeodomains
assignment: archetype

Nvec_vc1.1_XM_032367023.2
OG: Homeodomains.HG1.47:like:MSX1/MSX2
PFAM: Homeodomain
archetype: ARCH1437_
archetype family: Homeodomains
assignment: archetype

Nvec_vc1.1_XM_032367075.2
OG: Homeodomains.HG1.66:like:GSX1/GSX2
PFAM: Homeodomain
archetype: ARCH273_HOXD3
archetype family: Homeodomains
assignment: archetype

Nvec_vc1.1_XM_032367127.2
OG: bZIP.HG2.10:DBP/HLF/TEF
PFAM: bZIP_2
archetype: Nvec_vc1.1_XM_032367127.2_bZIP.HG2.10:DBP/HLF/TEF_241030_home
archetype family: bZIP
assignment: dapseq

Nvec_vc1.1_XM_032367197.2
OG: zf−C2H2.HG18.0:ZNF277
PFAM: zf−C2H2_2/zf−C2H2_2
archetype: ARCH1311_Yy1
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_032367288.2 (GATA)
OG: GATA.HG1.5:GATA1/GATA2/GATA3/GATA4/GATA5/GATA6/TRPS1
PFAM: GATA/GATA
archetype: ARCH1455_Gata3/Gata1/Gata2
archetype family: GATA
assignment: archetype

Nvec_vc1.1_XM_032367750.2
OG: Myb.HG1.10:RCOR1/RCOR2/RCOR3
PFAM: Myb_DNA−binding
archetype: ARCH1489_0610010K14Rik
archetype family: Myb
assignment: archetype

Nvec_vc1.1_XM_032367802.2
OG: zf−C2H2.HG2.9:like:KLF3/KLF5/KLF6/KLF7/KLF8/KLF12
PFAM: zf−C2H2/zf−C2H2/zf−C2H2
archetype: ARCH1345_Gfi1b/Gfi1
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_032368799.2
OG: zf−C2H2.HG1.130:ZBTB45
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2
archetype: ARCH361_Klf15
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_032369367.2
OG: HLH.HG1.69:ASCL3/ASCL4/ASCL5
PFAM: HLH
archetype: Ascl3/Ascl5/Ascl4_241030_streme
archetype family: HLH
assignment: dapseq

Nvec_vc1.1_XM_032369437.2
OG: zf−C2H2.HG2.20:KLF6/KLF7
PFAM: zf−C2H2/zf−C2H2/zf−C2H2
archetype: ARCH1345_Gfi1b/Gfi1
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_032369810.2
OG: ARID_BRIGHT.HG1.7:like:ARID1A/ARID1B/ARID3A/ARID3B/ARID3C
PFAM: ARID/BAF250_C
archetype: ARCH64_Arid2_Arid3c/Arid3a/...
archetype family: ARID_BRIGHT
assignment: archetype

Nvec_vc1.1_XM_032370011.2
OG: Homeodomains.HG1.37:NKX6−1/NKX6−2/NKX6−3
PFAM: Homeodomain
archetype: ARCH103_Hnf1a/Hnf1b
archetype family: Homeodomains
assignment: archetype

Nvec_vc1.1_XM_032370013.2
OG: Homeodomains.HG1.37:NKX6−1/NKX6−2/NKX6−3
PFAM: Homeodomain
archetype: ARCH70_M02142_2.00
archetype family: Homeodomains
assignment: archetype

Nvec_vc1.1_XM_032370269.2
OG: bZIP.HG3.3:like:MAF/MAFA/MAFB/NRL
PFAM: bZIP_Maf
archetype: ARCH1583_Crem/Creb1/Atf1
archetype family: bZIP
assignment: archetype

Nvec_vc1.1_XM_032370334.2
OG: THAP_finger.HG1.20:like:THAP11
PFAM: THAP
archetype: M09441_2.00
archetype family: THAP_finger
assignment: orthology

Nvec_vc1.1_XM_032370541.2
OG: SMAD_MH1.HG1.1:SMAD4
PFAM: MH1/MH2
archetype: ARCH662_Smad4
archetype family: SMAD_MH1
assignment: archetype

Nvec_vc1.1_XM_032370623.2
OG: E2F_TDP.HG1.0:E2F7/E2F8
PFAM: E2F_TDP/E2F_TDP
archetype: ARCH1220_/E2f4_E2f6_E2f8/E2f7
archetype family: E2F_TDP
assignment: archetype

Nvec_vc1.1_XM_032370984.2 (AshA)
OG: HLH.HG1.58:like:ASCL1/ASCL2/ASCL3/ASCL4/ASCL5
PFAM: HLH
archetype: AshA_250224_streme
archetype family: HLH
assignment: dapseq

Nvec_vc1.1_XM_032371091.2
OG: zf−C2H2.HG10.1:ZFP3/ZNF319/ZNF449/ZNF574
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C
archetype: ARCH822_M08939_2.00__M10306...
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_032371093.2
OG: zf−C2H2.HG10.1:ZFP3/ZNF319/ZNF449/ZNF574
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2
archetype: ARCH529_Rslcan18/Gm28557/Zf...
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_032371094.2
OG: zf−C2H2.HG10.1:ZFP3/ZNF319/ZNF449/ZNF574
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2_11/zf−C2H2/zf−C2H2
archetype: ARCH1345_Gfi1b/Gfi1
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_032371469.2
OG: Homeodomains.HG3.4:SATB1/SATB2/ZHX1/ZHX2/ZHX3
PFAM: CSTF1_dimer/CUT
archetype: ARCH121_Nfya_Pbx4/Pbx2/Pbx1
archetype family: Homeodomains
assignment: archetype

Nvec_vc1.1_XM_032371845.2
OG: zf−C2H2.HG1.212:like:AC008758.1/AC008770.2/AC010422.6/AC073111.4/AC138
PFAM: zf−C2H2/zf−C2H2/zf−C2H2
archetype: ARCH1311_Yy1
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_032371859.2
OG: Homeodomains.HG1.56:like:EN1/EN2
PFAM: Homeodomain
archetype: ARCH233_Alx3/Alx4/Alx1_Barx...
archetype family: Homeodomains
assignment: archetype

Nvec_vc1.1_XM_032371996.2
OG: HMGbox_Sox.HG1.53:LEF1/TCF7/TCF7L1/TCF7L2
PFAM: HMG_box
archetype: ARCH1158_/Lef1/Tcf7l1/Tcf7
archetype family: HMGbox_Sox
assignment: archetype

Nvec_vc1.1_XM_032372072.2
OG: HMGbox_Sox.HG1.52:like:LEF1/TCF7/TCF7L1/TCF7L2
PFAM: HMG_box/zf−C2H2/zf−C2H2
archetype: ARCH1164_/Sox4/Sox11_Sox13/...
archetype family: HMGbox_Sox
assignment: archetype

Nvec_vc1.1_XM_032372114.2
OG: bZIP.HG1.8:ATF4/ATF5
PFAM: bZIP_1
archetype: ARCH944_M04019_2.00__bHLH34
archetype family: bZIP
assignment: archetype

Nvec_vc1.1_XM_032372258.2
OG: zf−C2H2.HG10.1:ZFP3/ZNF319/ZNF449/ZNF574
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2_11/
archetype: ARCH1255_Yy1
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_032372264.2 (NvSoxC)
OG: HMGbox_Sox.HG1.11:SOX4/SOX11/SOX12
PFAM: HMG_box
archetype: ARCH482_/Lef1/Tcf7l1/Tcf7
archetype family: HMGbox_Sox
assignment: archetype

Nvec_vc1.1_XM_032372575.2
OG: Myb.HG2.2:NA
PFAM: MADF_DNA_bdg
archetype: ARCH511_MYB88
archetype family: Myb
assignment: archetype

Nvec_vc1.1_XM_032372867.2
OG: zf−C2H2.HG1.49:like:AC008758.1/AC008770.2/AC010422.6/AC073111.4/AC1386
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C
archetype: ARCH1368_M04483_2.00__M0448...
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_032372883.2
OG: Myb.HG1.10:RCOR1/RCOR2/RCOR3
PFAM: ELM2/Myb_DNA−binding
archetype: ARCH153_Msantd2_Rcor1/Rcor2...
archetype family: Myb
assignment: archetype

Nvec_vc1.1_XM_032372904.2
OG: Homeodomains.HG1.27:like:AC004080.3/AC012531.3/BARHL1/BARHL2/CDX1/C
PFAM: Homeodomain
archetype: ARCH1362_Six1/_Six4/Six5
archetype family: Homeodomains
assignment: archetype

Nvec_vc1.1_XM_032373020.2
OG: zf−C2H2.HG23.0:ZNF34
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2_6/zf−C2H2
archetype: Fezf2_250224_dimont
archetype family: zf−C2H2
assignment: dapseq

Nvec_vc1.1_XM_032373062.2
OG: HMGbox_Sox.HG1.14:like:SOX1/SOX2/SOX3/SOX14/SOX15/SOX21/SRY
PFAM: HMG_box
archetype: ARCH142_/Sox4/Sox11_Sox13/S...
archetype family: HMGbox_Sox
assignment: archetype

Nvec_vc1.1_XM_032373099.2
OG: Homeodomains.HG4.10:POU3F1/POU3F2/POU3F3/POU3F4
PFAM: Pou/Homeodomain
archetype: M09227_2.00
archetype family: Pou/Homeodomain
assignment: orthology

Nvec_vc1.1_XM_032373496.2
OG: Homeodomains.HG1.64:MEOX1/MEOX2
PFAM: Homeodomain
archetype: ARCH1362_Six1/_Six4/Six5
archetype family: Homeodomains
assignment: archetype

Nvec_vc1.1_XM_032373497.2
OG: Homeodomains.HG1.63:like:MEOX1/MEOX2
PFAM: Homeodomain
archetype: ARCH637_Six1/_Six3/Six6_Six...
archetype family: Homeodomains
assignment: archetype

Nvec_vc1.1_XM_032373617.2
OG: Homeodomains.HG1.19:NKX2−1/NKX2−2/NKX2−3/NKX2−4/NKX2−5/NKX2−6/NK
PFAM: Homeodomain
archetype: ARCH1502_Meis3/Meis2/Meis1_...
archetype family: Homeodomains
assignment: archetype

Nvec_vc1.1_XM_032373618.2 (Nkx−2.2a)
OG: Homeodomains.HG1.19:NKX2−1/NKX2−2/NKX2−3/NKX2−4/NKX2−5/NKX2−6/NK
PFAM: Homeodomain
archetype: Nkx−2.2a_241030_streme
archetype family: Homeodomains
assignment: dapseq

Nvec_vc1.1_XM_032373624.2
OG: bZIP.HG1.2:BACH1/BACH2/NFE2/NFE2L1/NFE2L2/NFE2L3
PFAM: bZIP_Maf
archetype: Nfe2l2/Nfe2l3/Bach2/Nfe2l1/Nfe2/Bach1_241030_streme
archetype family: bZIP
assignment: dapseq

Nvec_vc1.1_XM_032373800.2
OG: zf−C2H2.HG1.38:like:AC008758.1/AC008770.2/AC010422.6/AC073111.4/AC1386
PFAM: zf−C2H2/zf−C2H2/zf−C2H2
archetype: ARCH866_ZNF317
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_032373943.2
OG: zf−C2H2.HG130.1:NA
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2_6/zf−C2H2/zf−C2H2/zf−C2H2
archetype: ARCH827_Vezf1/Maz
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_032374029.2
OG: bZIP.HG1.6:JUN/JUNB/JUND
PFAM: Jun/bZIP_1
archetype: M04339_2.00
archetype family: bZIP
assignment: orthology

Nvec_vc1.1_XM_032374041.2
OG: Homeodomains.HG2.9:LHX6/LHX8/ZFHX2/ZFHX3/ZFHX4
PFAM: LIM/LIM/Homeodomain
archetype: ARCH316_Alx3/Alx4/Alx1_Barx...
archetype family: Homeodomains
assignment: archetype

Nvec_vc1.1_XM_032374352.2
OG: Forkhead.HG1.9:like:FOXN1/FOXN2/FOXN3/FOXN4/FOXR1/FOXR2
PFAM: Forkhead
archetype: ARCH1060_FOXH1
archetype family: Forkhead
assignment: archetype

Nvec_vc1.1_XM_032374382.2
OG: zf−C2H2.HG1.35:FEZF1/FEZF2/GFI1/GFI1B
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2
archetype: ARCH1345_Gfi1b/Gfi1
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_032374843.2 (Tbx1/10−1)
OG: T−box.HG1.13:TBX1/TBX10/TBX15/TBX18/TBX20/TBX22
PFAM: T−box
archetype: ARCH862_Tbx18/Tbx22/Tbx15_T...
archetype family: T−box
assignment: archetype

Nvec_vc1.1_XM_032374864.2
OG: Homeodomains.HG1.21:BARX1/BARX2/BSX/DBX1/DBX2/HLX
PFAM: Homeodomain
archetype: ARCH52_Alx3/Alx4/Alx1_Barx2...
archetype family: Homeodomains
assignment: archetype

Nvec_vc1.1_XM_032374977.2
OG: HLH.HG1.56:TCF23/TCF24
PFAM: HLH
archetype: M05971_2.00
archetype family: HLH
assignment: orthology

Nvec_vc1.1_XM_032375153.2
OG: Myb.HG3.1:HSPA14/MSANTD1/MSANTD2/UTF1/ZKSCAN2/ZSCAN20/ZSCAN29
PFAM: Myb_DNA−bind_4
archetype: M07562_2.00
archetype family: Myb
assignment: orthology

Nvec_vc1.1_XM_032375228.2 (Rfx4)
OG: RFX.HG1.3:like:RFX4/RFX6/RFX8
PFAM: RFX_DNA_binding
archetype: Rfx4_241030_homer
archetype family: RFX
assignment: dapseq

Nvec_vc1.1_XM_032375280.2
OG: HLH.HG1.0:AC019117.4/AHR/AHRR/ARNT/ARNT2/ARNTL/ARNTL2/CLOCK/NC
PFAM: HLH/PAS/PAS_11
archetype: M05974_2.00
archetype family: HLH
assignment: orthology

Nvec_vc1.1_XM_032375407.2
OG: HLH.HG1.29:MYC/MYCL/MYCN
PFAM: Myc_N/HLH
archetype: ARCH1533_BHLH112
archetype family: HLH
assignment: archetype

Nvec_vc1.1_XM_032375602.2 (Insm1)
OG: zf−C2H2.HG25.1:INSM1/INSM2
PFAM: zf−C2H2/zf−C2H2/zf−C2H2
archetype: ARCH530_Snai2
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_032375635.2 (OtxB)
OG: Homeodomains.HG2.46:CRX/OTX1/OTX2
PFAM: Homeodomain
archetype: M03808_2.00
archetype family: Homeodomains
assignment: orthology

Nvec_vc1.1_XM_032375721.2
OG: zf−C2H2.HG119.0:NA
PFAM: zf−C2H2/zf−C2H2/zf−C2H2
archetype: ARCH353_M06062_2.00__M06468...
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_032375915.2
OG: zf−C2H2.HG4.0:like:GLI1/GLI2/GLI3/GLIS1/GLIS2/GLIS3
PFAM: zf−C2H2/zf−C2H2
archetype: ARCH353_M06062_2.00__M06468...
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_032376206.2 (SoxB2)
OG: HMGbox_Sox.HG1.13:like:SOX1/SOX2/SOX3/SOX14/SOX15/SOX21/SRY
PFAM: HMG_box
archetype: ARCH482_/Lef1/Tcf7l1/Tcf7
archetype family: HMGbox_Sox
assignment: archetype

Nvec_vc1.1_XM_032376267.2
OG: HMGbox_Sox.HG1.7:HBP1
PFAM: AXH/HMG_box
archetype: ARCH142_/Sox4/Sox11_Sox13/S...
archetype family: HMGbox_Sox
assignment: archetype

Nvec_vc1.1_XM_032376421.2 (Ath−like)
OG: HLH.HG1.80:like:NEUROD1/NEUROD2/NEUROD4/NEUROD6
PFAM: HLH
archetype: ARCH783_bHLH18__MNT
archetype family: HLH
assignment: archetype

Nvec_vc1.1_XM_032376554.2
OG: zf−C2H2.HG1.17:like:AC008758.1/AC008770.2/AC010422.6/AC073111.4/AC1386
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C
archetype: ARCH836_M08316_2.00__M08901...
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_032376608.2
OG: Homeodomains.HG3.20:MEIS1/MEIS2/MEIS3/PKNOX1/PKNOX2
PFAM: Meis_PKNOX_N/Homeobox_KN
archetype: ARCH1504_Meis3/Meis2/Meis1_...
archetype family: Homeodomains
assignment: archetype

Nvec_vc1.1_XM_032376736.2
OG: zf−C2H2.HG3.23:like:HINFP/RREB1/ZFPM1
PFAM: zf−C2H2_6/zf−C2H2/zf−C2H2_6/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2_6
archetype: ARCH497_M03679_2.00
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_032376926.2
OG: bZIP.HG3.2:like:MAF/MAFA/MAFB/NRL
PFAM: bZIP_Maf
archetype: ARCH1281_Cic_Hbp1_Sox13/Sox...
archetype family: bZIP
assignment: archetype

Nvec_vc1.1_XM_032376930.1
OG: zf−C2H2.HG130.0:NA
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2
archetype: Zfp800_250224_homer
archetype family: zf−C2H2
assignment: dapseq

Nvec_vc1.1_XM_032376939.2
OG: Homeodomains.HG2.15:LEUTX
PFAM: CUT/Homeodomain/Homeodomain
archetype: ARCH1546_Meis3/Meis2/Meis1_...
archetype family: Homeodomains
assignment: archetype

Nvec_vc1.1_XM_032377135.2
OG: Homeodomains.HG1.49:like:NOTO
PFAM: Homeodomain
archetype: ARCH146_Alx3/Alx4/Alx1_Barx...
archetype family: Homeodomains
assignment: archetype

Nvec_vc1.1_XM_032377358.2 (VAx−EMX−Like)
OG: Homeodomains.HG1.42:VAX1/VAX2
PFAM: Homeodomain
archetype: ARCH1552_Pbx4/Pbx2/Pbx1
archetype family: Homeodomains
assignment: archetype

Nvec_vc1.1_XM_032377390.2
OG: Homeodomains.HG1.42:VAX1/VAX2
PFAM: Homeodomain
archetype: ARCH103_Hnf1a/Hnf1b
archetype family: Homeodomains
assignment: archetype

Nvec_vc1.1_XM_032377450.2 (Tbx20−1)
OG: T−box.HG1.13:TBX1/TBX10/TBX15/TBX18/TBX20/TBX22
PFAM: T−box
archetype: ARCH862_Tbx18/Tbx22/Tbx15_T...
archetype family: T−box
assignment: archetype

Nvec_vc1.1_XM_032377792.2
OG: MADS−box_SRF.HG1.2:BORCS8−MEF2B/MEF2A/MEF2B/MEF2C/MEF2D
PFAM: SRF−TF/HJURP_C
archetype: ARCH1333_Mef2c/Mef2b/Mef2a/...
archetype family: MADS−box_SRF
assignment: archetype

Nvec_vc1.1_XM_032377883.2
OG: P53.HG1.6:like:TP53/TP63/TP73
PFAM: P53
archetype: M11197_2.00
archetype family: P53
assignment: orthology

Nvec_vc1.1_XM_032377897.2 (Pea3/Ets)
OG: Ets.HG1.3:ETV1/ETV4/ETV5
PFAM: ETS_PEA3_N/Ets
archetype: ARCH593_Elf3/Ehf/Elf5_Erg/F...
archetype family: Ets
assignment: archetype

Nvec_vc1.1_XM_032378000.2
OG: Homeodomains.HG1.27:like:AC004080.3/AC012531.3/BARHL1/BARHL2/CDX1/C
PFAM: Homeodomain
archetype: ARCH1055_MF0010.1_Homeobox_...
archetype family: Homeodomains
assignment: archetype

Nvec_vc1.1_XM_032378021.2 (Brachyury)
OG: T−box.HG1.5:TBX19/TBXT
PFAM: T−box
archetype: ARCH833_Tbx18/Tbx22/Tbx15_T...
archetype family: T−box
assignment: archetype

Nvec_vc1.1_XM_032378152.2
OG: HMGbox_Sox.HG1.1:SOX30
PFAM: HMG_box
archetype: ARCH482_/Lef1/Tcf7l1/Tcf7
archetype family: HMGbox_Sox
assignment: archetype

Nvec_vc1.1_XM_032378255.2
OG: zf−C2H2.HG105.0:NA
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2
archetype: ARCH1204_ARR1__ZNF24
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_032378312.2
OG: zf−C2H2.HG119.1:NA
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2
archetype: ARCH861_Scrt2/Scrt1
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_032378323.2
OG: zf−C2H2.HG9.0:PLAGL1/PLAGL2/ZBTB12/ZNF550/ZNF559−ZNF177/ZNF580
PFAM: zf−C2H2/zf−C2H2
archetype: ARCH1255_Yy1
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_032378402.2
OG: E2F_TDP.HG1.1:TFDP1/TFDP2/TFDP3
PFAM: E2F_TDP/DP
archetype: ARCH367_/E2f4_E2f6_E2f8/E2f...
archetype family: E2F_TDP
assignment: archetype

Nvec_vc1.1_XM_032378403.2
OG: zf−C2H2.HG1.209:like:AC008758.1/AC008770.2/AC010422.6/AC073111.4/AC138
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2
archetype: ARCH1345_Gfi1b/Gfi1
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_032378442.2
OG: Myb.HG3.0:like:HSPA14/MSANTD1/MSANTD2/UTF1/ZKSCAN2/ZSCAN20/ZSCA
PFAM: Myb_DNA−bind_4
archetype: ARCH1391_MYB113
archetype family: Myb
assignment: archetype

Nvec_vc1.1_XM_032378649.2
OG: bZIP.HG1.10:like:ATF3/FOS/FOSB/FOSL1/FOSL2/JDP2
PFAM: bZIP_1
archetype: M04272_2.00
archetype family: bZIP
assignment: orthology

Nvec_vc1.1_XM_032378769.2
OG: Homeodomains.HG1.23:like:HHEX/LBX1/LBX2/NKX2−1/NKX2−2/NKX2−3/NKX2−
PFAM: Homeodomain
archetype: ARCH273_HOXD3
archetype family: Homeodomains
assignment: archetype

Nvec_vc1.1_XM_032378779.2
OG: Homeodomains.HG1.23:like:HHEX/LBX1/LBX2/NKX2−1/NKX2−2/NKX2−3/NKX2−
PFAM: Homeodomain
archetype: ARCH273_HOXD3
archetype family: Homeodomains
assignment: archetype

Nvec_vc1.1_XM_032378839.2
OG: Forkhead.HG1.14:like:FOXN1/FOXN2/FOXN3/FOXN4/FOXR1/FOXR2
PFAM: Forkhead
archetype: ARCH829_PB0121.1_Foxj3_2
archetype family: Forkhead
assignment: archetype

Nvec_vc1.1_XM_032378881.2 (CREB3)
OG: bZIP.HG1.15:CREB3/CREB3L1/CREB3L2/CREB3L3/CREB3L4
PFAM: bZIP_1
archetype: M01812_2.00
archetype family: bZIP
assignment: orthology

Nvec_vc1.1_XM_032378941.2
OG: zf−C2H2.HG117.0:ZNF800
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2
archetype: ARCH1345_Gfi1b/Gfi1
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_032379152.2
OG: Forkhead.HG1.13:like:FOXN1/FOXN2/FOXN3/FOXN4/FOXR1/FOXR2
PFAM: Forkhead
archetype: ARCH1547_FOXB1
archetype family: Forkhead
assignment: archetype

Nvec_vc1.1_XM_032379347.2
OG: Homeodomains.HG2.29:PAX4/PAX6
PFAM: PAX/Homeodomain
archetype: M03887_2.00
archetype family: Pax/Homeodomain
assignment: orthology

Nvec_vc1.1_XM_032379348.2
OG: Homeodomains.HG2.72:like:DMBX1
PFAM: Homeodomain
archetype: ARCH636_Six1/_Six3/Six6_Six...
archetype family: Homeodomains
assignment: archetype

Nvec_vc1.1_XM_032379394.2
OG: Homeodomains.HG2.77:like:DMBX1
PFAM: Homeodomain
archetype: M00490_2.00
archetype family: Homeodomains
assignment: orthology

Nvec_vc1.1_XM_032379398.2
OG: Homeodomains.HG2.75:DMBX1
PFAM: Homeodomain
archetype: M00490_2.00
archetype family: Homeodomains
assignment: orthology

Nvec_vc1.1_XM_032379400.2
OG: Homeodomains.HG2.76:like:DMBX1
PFAM: Homeodomain
archetype: Nvec_vc1.1_XM_032379400.2_Homeodomains.HG2.76:like:DMBX1_24103
archetype family: Homeodomains
assignment: dapseq

Nvec_vc1.1_XM_032379457.2
OG: Homeodomains.HG4.2:POU1F1
PFAM: Pou/Homeodomain
archetype: Nvec_vc1.1_XM_032379457.2_Homeodomains.HG4.2:POU1F1_250224_h
archetype family: Pou/Homeodomain
assignment: dapseq

Nvec_vc1.1_XM_032379465.2 (SoxB2/Sox3)
OG: HMGbox_Sox.HG1.19:like:SOX1/SOX2/SOX3/SOX14/SOX15/SOX21/SRY
PFAM: HMG_box
archetype: ARCH61_M00889_2.00
archetype family: HMGbox_Sox
assignment: archetype

Nvec_vc1.1_XM_032379498.2
OG: zf−C2H2.HG1.6:like:AC008758.1/AC008770.2/AC010422.6/AC073111.4/AC13869
PFAM: zf−C2H2/zf−C2H2/zf−C2H2_4
archetype: ARCH1368_M04483_2.00__M0448...
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_032379677.2
OG: zf−C2H2.HG1.35:FEZF1/FEZF2/GFI1/GFI1B
PFAM: zf−C2H2/zf−C2H2_6/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2
archetype: ARCH530_Snai2
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_032379688.2 (NVHD033−ANTP)
OG: Homeodomains.HG1.39:BARHL1/BARHL2
PFAM: Homeodomain
archetype: NVHD033−ANTP_241030_streme
archetype family: Homeodomains
assignment: dapseq

Nvec_vc1.1_XM_032379723.2
OG: Homeodomains.HG2.66:ALX1/ALX3/ALX4
PFAM: Homeodomain/OAR
archetype: ARCH1362_Six1/_Six4/Six5
archetype family: Homeodomains
assignment: archetype

Nvec_vc1.1_XM_032380001.2
OG: Homeodomains.HG1.27:like:AC004080.3/AC012531.3/BARHL1/BARHL2/CDX1/C
PFAM: Homeodomain
archetype: ARCH294_Emx1/Emx2_Hmx1/Hmx3...
archetype family: Homeodomains
assignment: archetype

Nvec_vc1.1_XM_032380131.2
OG: HMGbox_Sox.HG1.38:SSRP1
PFAM: POB3_N/SSrecog/Rtt106/HMG_box
archetype: ARCH1159_/Lef1/Tcf7l1/Tcf7
archetype family: HMGbox_Sox
assignment: archetype

Nvec_vc1.1_XM_032380148.2
OG: T−box.HG1.2:like:MGA/TBX1/TBX2/TBX3/TBX4/TBX5/TBX6/TBX10/TBX15/TBX1
PFAM: T−box
archetype: ARCH485_Tbx3/Tbx2
archetype family: T−box
assignment: archetype

Nvec_vc1.1_XM_032380190.2
OG: Homeodomains.HG3.20:MEIS1/MEIS2/MEIS3/PKNOX1/PKNOX2
PFAM: Meis_PKNOX_N/Homeobox_KN
archetype: ARCH146_Alx3/Alx4/Alx1_Barx...
archetype family: Homeodomains
assignment: archetype

Nvec_vc1.1_XM_032380209.2
OG: HLH.HG1.40:USF1/USF2
PFAM: HLH
archetype: ARCH1569_FEA4__E−box
archetype family: HLH
assignment: archetype

Nvec_vc1.1_XM_032380334.2
OG: RFX.HG1.6:like:RFX6
PFAM: RFX_DNA_binding
archetype: ARCH864_/Rfx5
archetype family: RFX
assignment: archetype

Nvec_vc1.1_XM_032380374.2 (NvSoxA)
OG: HMGbox_Sox.HG1.34:SRY
PFAM: HMG_box
archetype: ARCH482_/Lef1/Tcf7l1/Tcf7
archetype family: HMGbox_Sox
assignment: archetype

Nvec_vc1.1_XM_032380417.2
OG: zf−C2H2.HG2.2:like:MTF1/ZNF76/ZNF143
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2_6
archetype: ARCH496_Zic3
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_032380573.2
OG: SMAD_MH1.HG1.0:SMAD6/SMAD7
PFAM: MH1/MH2
archetype: ARCH718_Smad2/Smad3_Smad9/S...
archetype family: SMAD_MH1
assignment: archetype

Nvec_vc1.1_XM_032380735.2
OG: E2F_TDP.HG1.4:E2F1/E2F2/E2F3/E2F6
PFAM: E2F_TDP/E2F_CC−MB
archetype: ARCH394_/E2f4_E2f6_E2f8/E2f7
archetype family: E2F_TDP
assignment: archetype

Nvec_vc1.1_XM_032380975.2
OG: Ets.HG1.5:ERF/ERFL/ERG/ETV3/ETV3L/FEV/FLI1
PFAM: SAM_PNT/Ets
archetype: ARCH584_Elf3/Ehf/Elf5_Erg/F...
archetype family: Ets
assignment: archetype

Nvec_vc1.1_XM_032381020.2
OG: zf−C2H2.HG4.7:like:ZIC1/ZIC2/ZIC3/ZIC4/ZIC5
PFAM: zf_ZIC/zf−C2H2/zf−C2H2
archetype: ARCH386_PB0102.1_Zic2_1
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_032381059.2
OG: Homeodomains.HG3.2:CERS2/CERS3/CERS4/CERS5/CERS6
PFAM: Homeodomain/TRAM_LAG1_CLN8
archetype: ARCH1315_M05248_2.00
archetype family: Homeodomains
assignment: archetype

Nvec_vc1.1_XM_032381099.2
OG: Homeodomains.HG1.27:like:AC004080.3/AC012531.3/BARHL1/BARHL2/CDX1/C
PFAM: Homeodomain
archetype: M00525_2.00
archetype family: Homeodomains
assignment: orthology

Nvec_vc1.1_XM_032381270.2
OG: zf−C2H2.HG7.4:SCRT1/SCRT2
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2
archetype: Scrt2/Scrt1_241030_dimont
archetype family: zf−C2H2
assignment: dapseq

Nvec_vc1.1_XM_032381562.2
OG: zf−C2H2.HG2.18:like:KLF5/KLF6/KLF7
PFAM: zf−C2H2/zf−C2H2/zf−C2H2
archetype: Klf8_241030_dimont
archetype family: zf−C2H2
assignment: dapseq

Nvec_vc1.1_XM_032381586.2
OG: zf−C2H2.HG2.21:KLF5
PFAM: zf−C2H2/zf−C2H2/zf−C2H2
archetype: Klf5_241030_dimont
archetype family: zf−C2H2
assignment: dapseq

Nvec_vc1.1_XM_032381587.2
OG: HMGbox_Sox.HG1.51:like:SMARCE1
PFAM: HMG_box
archetype: ARCH1159_/Lef1/Tcf7l1/Tcf7
archetype family: HMGbox_Sox
assignment: archetype

Nvec_vc1.1_XM_032381617.2
OG: Doublesex_DM.HG1.18:like:DMRT3
PFAM: DM
archetype: M00654_2.00
archetype family: Doublesex_DM
assignment: orthology

Nvec_vc1.1_XM_032381719.2
OG: zf−C2H2.HG1.122:ZNF367
PFAM: zf−C2H2_6/zf−C2H2
archetype: ARCH1204_ARR1__ZNF24
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_032381869.2
OG: HLH.HG1.64:like:ASCL1/ASCL2/ASCL3/ASCL4/ASCL5
PFAM: HLH
archetype: ARCH1533_BHLH112
archetype family: HLH
assignment: archetype

Nvec_vc1.1_XM_032381908.2 (Hand2)
OG: HLH.HG1.66:like:HAND1/HAND2
PFAM: HLH
archetype: M05984_2.00
archetype family: HLH
assignment: orthology

Nvec_vc1.1_XM_032382002.2
OG: zf−C2H2.HG8.0:ZNF576/ZNF683/ZNF891
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2
archetype: ARCH1368_M04483_2.00__M0448...
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_032382158.2
OG: HLH.HG1.45:TCF3/TCF4/TCF12
PFAM: HLH
archetype: M08731_2.00
archetype family: HLH
assignment: orthology

Nvec_vc1.1_XM_032382185.2
OG: Myb.HG1.7:like:TERB1/TERF2
PFAM: Myb_DNA−binding/Myb_DNA−binding/Myb_DNA−binding
archetype: ARCH1391_MYB113
archetype family: Myb
assignment: archetype

Nvec_vc1.1_XM_032382208.2
OG: zf−C2H2.HG94.0:NA
PFAM: zf−C2H2/zf−C2H2_4/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/z
archetype: ARCH1201_Gfi1b/Gfi1
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_032382255.2
OG: zf−C2H2.HG1.11:like:AC008758.1/AC008770.2/AC010422.6/AC073111.4/AC1386
PFAM: zf−C2H2/zf−C2H2_6/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/z
archetype: ARCH353_M06062_2.00__M06468...
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_032382395.2
OG: Homeodomains.HG3.34:TGIF1
PFAM: Homeobox_KN
archetype: ARCH1502_Meis3/Meis2/Meis1_...
archetype family: Homeodomains
assignment: archetype

Nvec_vc1.1_XM_032382402.2
OG: zf−C2H2.HG1.24:like:AC008758.1/AC008770.2/AC010422.6/AC073111.4/AC1386
PFAM: zf−C2H2/zf−C2H2/zf−C2H2
archetype: ARCH502_M06063_2.00
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_032382466.2
OG: bZIP.HG2.5:CEBPA/CEBPB/CEBPD/CEBPE/CEBPG
PFAM: bZIP_2
archetype: Cebpd/Cebpe/Cebpa/Cebpb_241030_homer
archetype family: bZIP
assignment: dapseq

Nvec_vc1.1_XM_032382493.2
OG: bZIP.HG2.10:DBP/HLF/TEF
PFAM: bZIP_2
archetype: ARCH944_M04019_2.00__bHLH34
archetype family: bZIP
assignment: archetype

Nvec_vc1.1_XM_032382579.2
OG: zf−C2H2.HG10.1:ZFP3/ZNF319/ZNF449/ZNF574
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2
archetype: ARCH353_M06062_2.00__M06468...
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_032382712.2
OG: RFX.HG1.1:RFX5/RFX7
PFAM: RFX5_N/RFX_DNA_binding
archetype: ARCH653_/Rfx5
archetype family: RFX
assignment: archetype

Nvec_vc1.1_XM_032382719.2
OG: P53.HG1.5:like:TP53/TP63/TP73
PFAM: P53/P53_tetramer
archetype: M11197_2.00
archetype family: P53
assignment: orthology

Nvec_vc1.1_XM_032383547.2
OG: zf−C2H2.HG1.10:like:AC008758.1/AC008770.2/AC010422.6/AC073111.4/AC1386
PFAM: zf−C2H2/zf−H2C2_2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−met/zf−
archetype: ARCH523_Yy1
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_032383560.2
OG: Homeodomains.HG2.69:OTP
PFAM: Homeodomain/OAR
archetype: ARCH233_Alx3/Alx4/Alx1_Barx...
archetype family: Homeodomains
assignment: archetype

Nvec_vc1.1_XM_032383663.2
OG: Homeodomains.HG1.27:like:AC004080.3/AC012531.3/BARHL1/BARHL2/CDX1/C
PFAM: Homeodomain
archetype: ARCH1052_Irx6
archetype family: Homeodomains
assignment: archetype

Nvec_vc1.1_XM_032383677.2
OG: Homeodomains.HG1.70:HOXA2/HOXB2/PDX1
PFAM: Homeodomain
archetype: ARCH1362_Six1/_Six4/Six5
archetype family: Homeodomains
assignment: archetype

Nvec_vc1.1_XM_032383681.2
OG: Homeodomains.HG1.51:like:AC004080.3/AC012531.3/CDX1/CDX2/CDX4/EVX1/E
PFAM: Homeodomain
archetype: ARCH243_Alx3/Alx4/Alx1_Hlx_...
archetype family: Homeodomains
assignment: archetype

Nvec_vc1.1_XM_032383695.2
OG: Homeodomains.HG1.52:EVX1/EVX2
PFAM: Homeodomain
archetype: ARCH181_Barx2/Barx1_Dlx4/Dl...
archetype family: Homeodomains
assignment: archetype

Nvec_vc1.1_XM_032383717.2
OG: bZIP.HG2.0:like:CEBPA/CEBPB/CEBPD/CEBPE/CEBPG
PFAM: bZIP_2
archetype: ARCH640_Cebpd/Cebpe/Cebpa/C...
archetype family: bZIP
assignment: archetype

Nvec_vc1.1_XM_032383905.2
OG: HLH.HG1.11:HEY1/HEY2/HEYL
PFAM: HLH
archetype: ARCH1533_BHLH112
archetype family: HLH
assignment: archetype

Nvec_vc1.1_XM_032383925.2
OG: Homeodomains.HG1.21:BARX1/BARX2/BSX/DBX1/DBX2/HLX
PFAM: Homeodomain
archetype: ARCH768_Meis3/Meis2/Meis1_P...
archetype family: Homeodomains
assignment: archetype

Nvec_vc1.1_XM_032383948.2
OG: Homeodomains.HG1.57:GBX1/GBX2
PFAM: Homeodomain
archetype: ARCH1437_
archetype family: Homeodomains
assignment: archetype

Nvec_vc1.1_XM_032383979.2
OG: P53.HG1.4:TP53/TP63/TP73
PFAM: P53
archetype: ARCH910_p53
archetype family: P53
assignment: archetype

Nvec_vc1.1_XM_032384063.2
OG: HLH.HG1.53:HES5/HES7
PFAM: HLH
archetype: ARCH1533_BHLH112
archetype family: HLH
assignment: archetype

Nvec_vc1.1_XM_032384091.2
OG: Doublesex_DM.HG1.14:like:DMRT1/DMRT2/DMRT3/DMRTA1/DMRTA2/DMRTB1
PFAM: DM/DMA
archetype: ARCH661_Dmrt1
archetype family: Doublesex_DM
assignment: archetype

Nvec_vc1.1_XM_032384126.2
OG: Forkhead.HG1.17:like:FOXI1/FOXI2/FOXI3/FOXL3
PFAM: Forkhead
archetype: M00164_2.00
archetype family: Forkhead
assignment: orthology

Nvec_vc1.1_XM_032384134.2
OG: zf−C2H2.HG3.3:ZNF641
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2
archetype: ARCH861_Scrt2/Scrt1
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_032384172.2
OG: zf−C2H2.HG1.40:GZF1/ZBTB24
PFAM: zf−C2H2_6/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/z
archetype: ARCH1345_Gfi1b/Gfi1
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_032384221.2 (ETV6/7)
OG: Ets.HG1.13:ETV6/ETV7
PFAM: Ets
archetype: ARCH551_Elf3/Ehf/Elf5_Etv6
archetype family: Ets
assignment: archetype

Nvec_vc1.1_XM_032384228.2
OG: HMGbox_Sox.HG1.26:like:SOX8/SOX9/SOX10
PFAM: HMG_box
archetype: ARCH149_/Sox4/Sox11_Sox13/S...
archetype family: HMGbox_Sox
assignment: archetype

Nvec_vc1.1_XM_032384300.2
OG: bZIP.HG3.0:MAFF/MAFG/MAFK
PFAM: bZIP_Maf
archetype: ARCH1281_Cic_Hbp1_Sox13/Sox...
archetype family: bZIP
assignment: archetype

Nvec_vc1.1_XM_032384420.2 (Sp6−9)
OG: zf−C2H2.HG2.14:SP1/SP2/SP3/SP4/SP5/SP6/SP7/SP8/SP9
PFAM: zf−C2H2/zf−C2H2/zf−C2H2_4
archetype: ARCH861_Scrt2/Scrt1
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_032384447.2
OG: zf−C2H2.HG2.14:SP1/SP2/SP3/SP4/SP5/SP6/SP7/SP8/SP9
PFAM: zf−C2H2/zf−C2H2/zf−C2H2
archetype: ARCH1204_ARR1__ZNF24
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_032384450.2
OG: zf−C2H2.HG2.14:SP1/SP2/SP3/SP4/SP5/SP6/SP7/SP8/SP9
PFAM: zf−C2H2/zf−C2H2/zf−C2H2
archetype: ARCH1204_ARR1__ZNF24
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_032384474.2
OG: HLH.HG1.85:SCX/TCF15
PFAM: HLH
archetype: M06000_2.00
archetype family: HLH
assignment: orthology

Nvec_vc1.1_XM_032384768.2
OG: zf−C2H2.HG3.0:like:AC002310.4/BCL6/HINFP/HIVEP2/HIVEP3/PRDM9/RREB1/Y
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2
archetype: ARCH419_Yy1
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_032384889.2 (Hes2)
OG: HLH.HG1.63:like:HES5/HES7
PFAM: HLH/Hairy_orange
archetype: Hes2_241030_homer
archetype family: HLH
assignment: dapseq

Nvec_vc1.1_XM_032384912.2
OG: zf−C2H2.HG1.78:like:AC008758.1/AC008770.2/AC010422.6/AC073111.4/AC1386
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2
archetype: ARCH480_Snai2
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_032384949.2
OG: Homeodomains.HG2.8:LHX2/LHX9
PFAM: LIM/LIM/Homeodomain
archetype: ARCH219_Alx3/Alx4/Alx1_Barx...
archetype family: Homeodomains
assignment: archetype

Nvec_vc1.1_XM_032384965.2 (BarH−Like3)
OG: Homeodomains.HG1.39:BARHL1/BARHL2
PFAM: Homeodomain
archetype: ARCH1362_Six1/_Six4/Six5
archetype family: Homeodomains
assignment: archetype

Nvec_vc1.1_XM_032385045.2
OG: Homeodomains.HG1.21:BARX1/BARX2/BSX/DBX1/DBX2/HLX
PFAM: Homeodomain
archetype: ARCH1055_MF0010.1_Homeobox_...
archetype family: Homeodomains
assignment: archetype

Nvec_vc1.1_XM_032385089.2
OG: Ets.HG1.7:GABPA
PFAM: Ets
archetype: ARCH587_Elf3/Ehf/Elf5_Erg/F...
archetype family: Ets
assignment: archetype

Nvec_vc1.1_XM_032385169.2
OG: Homeodomains.HG1.71:like:NOTO
PFAM: Homeodomain
archetype: ARCH103_Hnf1a/Hnf1b
archetype family: Homeodomains
assignment: archetype

Nvec_vc1.1_XM_032385184.2 (Nem24)
OG: HLH.HG1.93:like:SCX/TCF15
PFAM: HLH
archetype: Nem24_241030_dimont
archetype family: HLH
assignment: dapseq

Nvec_vc1.1_XM_032385185.2 (Nem7)
OG: HLH.HG1.93:like:SCX/TCF15
PFAM: HLH
archetype: ARCH144_BHLHE23
archetype family: HLH
assignment: archetype

Nvec_vc1.1_XM_032385373.2
OG: zf−C2H2.HG13.5:GLI4/ZFP90/ZNF7/ZNF10/ZNF19/ZNF75A/ZNF75D/ZNF79/ZNF
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2
archetype: ARCH1204_ARR1__ZNF24
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_032385411.2
OG: HMGbox_Sox.HG1.17:PINX1/SOX7/SOX17/SOX18
PFAM: HMG_box
archetype: ARCH924_/Lef1/Tcf7l1/Tcf7
archetype family: HMGbox_Sox
assignment: archetype

Nvec_vc1.1_XM_032385556.2
OG: Homeodomains.HG4.9:like:POU3F1/POU3F2/POU3F3/POU3F4
PFAM: Pou/Homeodomain
archetype: ARCH950_POU6F1
archetype family: Pou/Homeodomain
assignment: archetype

Nvec_vc1.1_XM_032385569.2
OG: HLH.HG1.0:AC019117.4/AHR/AHRR/ARNT/ARNT2/ARNTL/ARNTL2/CLOCK/NC
PFAM: HLH/PAS/PAS_11
archetype: ARCH867_ZEB1__PL0011.1_hlh−...
archetype family: HLH
assignment: archetype

Nvec_vc1.1_XM_032385575.2
OG: E2F_TDP.HG1.4:E2F1/E2F2/E2F3/E2F6
PFAM: E2F_CC−MB
archetype: ARCH367_/E2f4_E2f6_E2f8/E2f...
archetype family: E2F_TDP
assignment: archetype

Nvec_vc1.1_XM_032385577.2
OG: Homeodomains.HG3.2:CERS2/CERS3/CERS4/CERS5/CERS6
PFAM: Homeodomain/TRAM_LAG1_CLN8
archetype: ARCH121_Nfya_Pbx4/Pbx2/Pbx1
archetype family: Homeodomains
assignment: archetype

Nvec_vc1.1_XM_032385647.2 (RFX1/2/3)
OG: RFX.HG1.2:RFX1/RFX2/RFX3
PFAM: RFX_DNA_binding
archetype: M03961_2.00
archetype family: RFX
assignment: orthology

Nvec_vc1.1_XM_032385706.2 (FoxQ2d)
OG: Forkhead.HG1.14:like:FOXN1/FOXN2/FOXN3/FOXN4/FOXR1/FOXR2
PFAM: Forkhead
archetype: ARCH1397_RBFox2__OCT:OCT−short
archetype family: Forkhead
assignment: archetype

Nvec_vc1.1_XM_032385715.2
OG: E2F_TDP.HG1.4:E2F1/E2F2/E2F3/E2F6
PFAM: E2F_TDP/E2F_CC−MB
archetype: ARCH394_/E2f4_E2f6_E2f8/E2f7
archetype family: E2F_TDP
assignment: archetype

Nvec_vc1.1_XM_032385745.2 (Prdm14d)
OG: zf−C2H2.HG19.1:PRDM14
PFAM: zf−C2H2/zf−C2H2
archetype: ARCH533_Klf5_Klf7_Klf8
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_032385746.2
OG: Myb.HG1.2:DMTF1/TTF1
PFAM: Myb_DNA−binding/Myb_DNA−binding
archetype: ARCH1379_MYB17
archetype family: Myb
assignment: archetype

Nvec_vc1.1_XM_032385896.2 (Cnido−Jun)
OG: bZIP.HG1.6:JUN/JUNB/JUND
PFAM: Jun/bZIP_1
archetype: M04339_2.00
archetype family: bZIP
assignment: orthology

Nvec_vc1.1_XM_032385963.2
OG: zf−C2H2.HG8.0:ZNF576/ZNF683/ZNF891
PFAM: zf−C2H2/zf−C2H2
archetype: ARCH1345_Gfi1b/Gfi1
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_032386243.2 (Grainyhead)
OG: Grainyhead_LSF.HG1.1:GRHL1/GRHL2/GRHL3
PFAM: CP2
archetype: ARCH1265_TFCP2__Tcfcp2l1__G...
archetype family: Grainyhead_LSF
assignment: archetype

Nvec_vc1.1_XM_032386296.2
OG: HMGbox_Sox.HG1.18:like:SOX1/SOX2/SOX3/SOX14/SOX15/SOX21/SRY
PFAM: HMG_box
archetype: M03983_2.00
archetype family: HMGbox_Sox
assignment: orthology

Nvec_vc1.1_XM_032386356.2
OG: HLH.HG1.25:SREBF1/SREBF2
PFAM: HLH
archetype: ARCH867_ZEB1__PL0011.1_hlh−...
archetype family: HLH
assignment: archetype

Nvec_vc1.1_XM_032386464.2
OG: HLH.HG1.51:ID1/ID2/ID3/ID4
PFAM: HLH
archetype: ARCH1373_bHLH130
archetype family: HLH
assignment: archetype

Nvec_vc1.1_XM_032386947.2 (FoxQ2a)
OG: Forkhead.HG1.13:like:FOXN1/FOXN2/FOXN3/FOXN4/FOXR1/FOXR2
PFAM: Forkhead
archetype: ARCH1178_/Sox4/Sox11_Foxd2/...
archetype family: Forkhead
assignment: archetype

Nvec_vc1.1_XM_032386968.2
OG: zf−C2H2.HG1.116:like:AC008758.1/AC008770.2/AC010422.6/AC073111.4/AC138
PFAM: zf−C2H2/zf−C2H2_4
archetype: ARCH1253_Yy1
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_032386992.2
OG: Homeodomains.HG3.13:ONECUT1/ONECUT2/ONECUT3
PFAM: CUT/Homeodomain
archetype: ARCH17_Alx3/Alx4/Alx1_Barx2...
archetype family: Homeodomains
assignment: archetype

Nvec_vc1.1_XM_032387080.2
OG: zf−C2H2.HG1.192:like:AC008758.1/AC008770.2/AC010422.6/AC073111.4/AC138
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2_6/zf−C2H2/zf−C2H2_6/zf−C2H2
archetype: ARCH1204_ARR1__ZNF24
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_032387167.2 (FoxA/D?)
OG: Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB2/FOXD1/FOXD2/FOXD3/F
PFAM: Forkhead
archetype: ARCH1102_Foxa3/Foxa1/Foxa2_...
archetype family: Forkhead
assignment: archetype

Nvec_vc1.1_XM_032387186.2 (SnailA)
OG: zf−C2H2.HG7.5:SNAI1/SNAI2/SNAI3
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2
archetype: ARCH866_ZNF317
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_032387218.2
OG: zf−C2H2.HG57.1:like:ZBTB48
PFAM: zf−C2H2_6/zf−C2H2_6/zf−met/zf−C2H2/zf−C2H2
archetype: ARCH627_ZNF189
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_032387281.2
OG: zf−C2H2.HG15.1:OVOL1/OVOL2/OVOL3
PFAM: zf−C2H2/zf−C2H2/zf−C2H2
archetype: ARCH1201_Gfi1b/Gfi1
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_032387283.2
OG: zf−C2H2.HG15.1:OVOL1/OVOL2/OVOL3
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2
archetype: ARCH1368_M04483_2.00__M0448...
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_032387312.2
OG: Homeodomains.HG2.1:like:AC025287.4/ALX1/ALX3/ALX4/ARGFX/ARX/CPHXL/C
PFAM: Homeodomain
archetype: ARCH273_HOXD3
archetype family: Homeodomains
assignment: archetype

Nvec_vc1.1_XM_032387318.2
OG: HLH.HG1.15:like:TFAP4
PFAM: HLH
archetype: Nvec_vc1.1_XM_032387318.2_HLH.HG1.15:like:TFAP4_241030_homer
archetype family: HLH
assignment: dapseq

Nvec_vc1.1_XM_032387414.2
OG: Homeodomains.HG2.11:DUX4/DUXA/DUXB
PFAM: Homeodomain
archetype: ARCH273_HOXD3
archetype family: Homeodomains
assignment: archetype

Nvec_vc1.1_XM_048719424.1
OG: zf−C2H2.HG1.36:like:AC008758.1/AC008770.2/AC010422.6/AC073111.4/AC1386
PFAM: zf−C2H2/zf−C2H2
archetype: ARCH1245_Egr3/Egr1
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_048719441.1
OG: zf−C2H2.HG24.0:ZNF599/ZSCAN25
PFAM: zf−C2H2/zf−C2H2_3rep/zf−C2H2
archetype: ARCH1206_M08277_2.00__M0885...
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_048719714.1
OG: zf−C2H2.HG116.1:NA
PFAM: zf−C2H2/zf−C2H2
archetype: ARCH348_Klf11_Klf5_Klf7_Klf8
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_048720215.1
OG: zf−C2H2.HG116.0:NA
PFAM: zf−C2H2/zf−C2H2
archetype: ARCH1201_Gfi1b/Gfi1
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_048720219.1
OG: zf−C2H2.HG1.36:like:AC008758.1/AC008770.2/AC010422.6/AC073111.4/AC1386
PFAM: zf−C2H2/zf−C2H2
archetype: ARCH341_Klf11_Klf15_Sp6/Sp5...
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_048720635.1
OG: THAP_finger.HG1.0:AC073612.1/THAP1/THAP2/THAP3/THAP4/THAP5/THAP6/T
PFAM: THAP
archetype: ARCH1254_M08020_2.00
archetype family: THAP_finger
assignment: archetype

Nvec_vc1.1_XM_048720727.1
OG: IRF.HG1.1:IRF1/IRF2/IRF3/IRF4/IRF5/IRF6/IRF7/IRF8/IRF9
PFAM: IRF/IRF−3
archetype: ARCH590_T1ISRE__IRF2
archetype family: IRF
assignment: archetype

Nvec_vc1.1_XM_048721315.1
OG: HLH.HG1.31:like:ASCL1/ASCL2/ASCL3/ASCL4/ASCL5/ATOH1/ATOH7/ATOH8/BH
PFAM: HLH
archetype: ARCH144_BHLHE23
archetype family: HLH
assignment: archetype

Nvec_vc1.1_XM_048721411.1
OG: zf−C2H2.HG66.0:ZNF8
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2
archetype: ARCH1345_Gfi1b/Gfi1
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_048721414.1
OG: zf−C2H2.HG1.7:PRDM13
PFAM: zf−C2H2/zf−C2H2/zf−C2H2
archetype: ARCH861_Scrt2/Scrt1
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_048721452.1
OG: HMGbox_Sox.HG1.62:like:NSD2
PFAM: WD40/WD40/Mcl1_mid/HMG_box
archetype: ARCH1318_M07267_2.00
archetype family: HMGbox_Sox
assignment: archetype

Nvec_vc1.1_XM_048721581.1
OG: zf−C2H2.HG1.29:like:AC008758.1/AC008770.2/AC010422.6/AC073111.4/AC1386
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2
archetype: ARCH353_M06062_2.00__M06468...
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_048721609.1
OG: Myb.HG3.0:like:HSPA14/MSANTD1/MSANTD2/UTF1/ZKSCAN2/ZSCAN20/ZSCA
PFAM: Myb_DNA−bind_4
archetype: ARCH193_MYB116
archetype family: Myb
assignment: archetype

Nvec_vc1.1_XM_048721905.1
OG: zf−C2H2.HG10.1:ZFP3/ZNF319/ZNF449/ZNF574
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C
archetype: ARCH1369_Zfp7/Gm21060
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_048721909.1
OG: zf−C2H2.HG10.1:ZFP3/ZNF319/ZNF449/ZNF574
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2_11/zf−C2H2/zf−C2H2/zf−C2H2/
archetype: ARCH1311_Yy1
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_048722339.1
OG: HLH.HG1.0:AC019117.4/AHR/AHRR/ARNT/ARNT2/ARNTL/ARNTL2/CLOCK/NC
PFAM: HLH/PAS
archetype: ARCH867_ZEB1__PL0011.1_hlh−...
archetype family: HLH
assignment: archetype

Nvec_vc1.1_XM_048722428.1
OG: E2F_TDP.HG1.4:E2F1/E2F2/E2F3/E2F6
PFAM: E2F_TDP/E2F_CC−MB
archetype: ARCH394_/E2f4_E2f6_E2f8/E2f7
archetype family: E2F_TDP
assignment: archetype

Nvec_vc1.1_XM_048722500.1
OG: TEA.HG1.0:TEAD1/TEAD2/TEAD3/TEAD4
PFAM: TEA/YBD
archetype: ARCH699_TEAD4
archetype family: TEA
assignment: archetype

Nvec_vc1.1_XM_048722594.1
OG: ARID_BRIGHT.HG1.3:ARID2
PFAM: ARID/RFX_DNA_binding
archetype: ARCH237_Arid2_Arid3c/Arid3a...
archetype family: ARID_BRIGHT
assignment: archetype

Nvec_vc1.1_XM_048722680.1
OG: zf−C2H2.HG10.1:ZFP3/ZNF319/ZNF449/ZNF574
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2
archetype: ARCH1255_Yy1
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_048722688.1
OG: Myb.HG3.1:HSPA14/MSANTD1/MSANTD2/UTF1/ZKSCAN2/ZSCAN20/ZSCAN29
PFAM: Myb_DNA−bind_4
archetype: ARCH1391_MYB113
archetype family: Myb
assignment: archetype

Nvec_vc1.1_XM_048722751.1
OG: zf−C2H2.HG10.1:ZFP3/ZNF319/ZNF449/ZNF574
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2
archetype: ARCH804_PB0207.1_Zic3_2
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_048722754.1
OG: zf−C2H2.HG10.1:ZFP3/ZNF319/ZNF449/ZNF574
PFAM: zf−C2H2/zf−C2H2_11/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2_11/zf−C2
archetype: ARCH1253_Yy1
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_048722777.1
OG: zf−C2H2.HG10.1:ZFP3/ZNF319/ZNF449/ZNF574
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2
archetype: ARCH523_Yy1
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_048722810.1
OG: Myb.HG1.5:like:DNAJC1/DNAJC2
PFAM: Myb_DNA−bind_4
archetype: ARCH153_Msantd2_Rcor1/Rcor2...
archetype family: Myb
assignment: archetype

Nvec_vc1.1_XM_048723038.1
OG: zf−C2H2.HG10.1:ZFP3/ZNF319/ZNF449/ZNF574
PFAM: zf−C2H2/zf−C2H2/zf−C2H2_11/zf−C2H2_11/zf−C2H2/zf−C2H2/zf−C2H2_11/zf
archetype: ARCH702_Zic1::Zic2
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_048723046.1
OG: bZIP.HG1.14:like:CREB3/CREB3L1/CREB3L2/CREB3L3/CREB3L4
PFAM: bZIP_1
archetype: M01812_2.00
archetype family: bZIP
assignment: orthology

Nvec_vc1.1_XM_048723108.1
OG: zf−C2H2.HG10.1:ZFP3/ZNF319/ZNF449/ZNF574
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C
archetype: ARCH1368_M04483_2.00__M0448...
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_048723109.1
OG: zf−C2H2.HG10.1:ZFP3/ZNF319/ZNF449/ZNF574
PFAM: zf−C2H2_11/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/
archetype: ARCH529_Rslcan18/Gm28557/Zf...
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_048723111.1
OG: zf−C2H2.HG10.1:ZFP3/ZNF319/ZNF449/ZNF574
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2
archetype: ARCH353_M06062_2.00__M06468...
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_048723265.1
OG: Homeodomains.HG1.19:NKX2−1/NKX2−2/NKX2−3/NKX2−4/NKX2−5/NKX2−6/NK
PFAM: Homeodomain
archetype: ARCH273_HOXD3
archetype family: Homeodomains
assignment: archetype

Nvec_vc1.1_XM_048723364.1
OG: bZIP.HG2.0:like:CEBPA/CEBPB/CEBPD/CEBPE/CEBPG
PFAM: bZIP_2
archetype: ARCH1605_Atf4/Atf5
archetype family: bZIP
assignment: archetype

Nvec_vc1.1_XM_048723770.1
OG: HMGbox_Sox.HG1.49:SMARCE1
PFAM: HMG_box
archetype: ARCH76_CES−1__PB0171.1_Sox18_2
archetype family: HMGbox_Sox
assignment: archetype

Nvec_vc1.1_XM_048723945.1
OG: Forkhead.HG1.16:FOXN2/FOXN3
PFAM: Forkhead
archetype: ARCH829_PB0121.1_Foxj3_2
archetype family: Forkhead
assignment: archetype

Nvec_vc1.1_XM_048724012.1
OG: zf−C2H2.HG4.10:GLI1/GLI2/GLI3
PFAM: zf−C2H2/zf−C2H2/zf−C2H2
archetype: ARCH1043_ZNF652
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_048724319.1
OG: Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB2/FOXD1/FOXD2/FOXD3/F
PFAM: Forkhead
archetype: M03042_2.00
archetype family: Forkhead
assignment: orthology

Nvec_vc1.1_XM_048724372.1
OG: HLH.HG1.79:MESP1/MESP2/MSGN1
PFAM: HLH
archetype: ARCH144_BHLHE23
archetype family: HLH
assignment: archetype

Nvec_vc1.1_XM_048724605.1
OG: Myb.HG6.0:BDP1
PFAM: Myb_DNA−bind_7
archetype: ARCH1526_Mybl2/Myb/Mybl1
archetype family: Myb
assignment: archetype

Nvec_vc1.1_XM_048724756.1
OG: Homeodomains.HG1.23:like:HHEX/LBX1/LBX2/NKX2−1/NKX2−2/NKX2−3/NKX2−
PFAM: Homeodomain
archetype: ARCH273_HOXD3
archetype family: Homeodomains
assignment: archetype

Nvec_vc1.1_XM_048724796.1
OG: HLH.HG1.107:like:HES5/HES7
PFAM: HLH
archetype: ARCH1533_BHLH112
archetype family: HLH
assignment: archetype

Nvec_vc1.1_XM_048724802.1
OG: Homeodomains.HG1.55:like:EN1/EN2
PFAM: Homeodomain
archetype: ARCH1028_Alx3/Alx4/Alx1_Bar...
archetype family: Homeodomains
assignment: archetype

Nvec_vc1.1_XM_048724840.1
OG: Homeodomains.HG1.11:like:AC004080.3/AC012531.3/BARHL1/BARHL2/BARX1/
PFAM: Homeodomain
archetype: ARCH1437_
archetype family: Homeodomains
assignment: archetype

Nvec_vc1.1_XM_048725325.1
OG: zf−C2H2.HG1.1:like:AC008758.1/AC008770.2/AC010422.6/AC073111.4/AC13869
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C
archetype: ARCH1200_Zfp760/Zfp770
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_048725461.1
OG: zf−C2H2.HG1.72:like:AC008758.1/AC008770.2/AC010422.6/AC073111.4/AC1386
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C
archetype: ARCH1345_Gfi1b/Gfi1
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_048725593.1
OG: Myb.HG1.3:MYB/MYBL1/MYBL2
PFAM: Myb_DNA−binding/Myb_DNA−bind_6/Cmyb_C
archetype: ARCH1526_Mybl2/Myb/Mybl1
archetype family: Myb
assignment: archetype

Nvec_vc1.1_XM_048725617.1
OG: HMGbox_Sox.HG1.57:like:HMG20A/HMG20B
PFAM: HMG_box/zf−met
archetype: M02487_2.00
archetype family: HMGbox_Sox
assignment: orthology

Nvec_vc1.1_XM_048725701.1
OG: Homeodomains.HG2.11:DUX4/DUXA/DUXB
PFAM: Homeodomain
archetype: ARCH273_HOXD3
archetype family: Homeodomains
assignment: archetype

Nvec_vc1.1_XM_048725765.1
OG: Homeodomains.HG2.21:like:LEUTX
PFAM: CUTL/Homeodomain
archetype: ARCH42_Alx3/Alx4/Alx1_Barx2...
archetype family: Homeodomains
assignment: archetype

Nvec_vc1.1_XM_048725947.1
OG: Myb.HG4.3:like:FSBP/MSANTD3/MSANTD4/MYPOP/NAIF1/TSNARE1
PFAM: Myb_DNA−bind_5
archetype: ARCH624_MYB40
archetype family: Myb
assignment: archetype

Nvec_vc1.1_XM_048726087.1
OG: Myb.HG2.5:NA
PFAM: MADF_DNA_bdg/BESS
archetype: ARCH153_Msantd2_Rcor1/Rcor2...
archetype family: Myb
assignment: archetype

Nvec_vc1.1_XM_048726174.1
OG: zf−C2H2.HG6.2:MYT1/MYT1L/ST18
PFAM: zf−C2HC/zf−C2HC/zf−C2HC/zf−C2HC/zf−C2HC/zf−C2HC/zf−C2HC
archetype: ARCH530_Snai2
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_048726224.1
OG: Myb.HG1.22:TADA2A
PFAM: Myb_DNA−binding
archetype: ARCH1379_MYB17
archetype family: Myb
assignment: archetype

Nvec_vc1.1_XM_048726734.1
OG: zf−C2H2.HG1.234:like:AC008758.1/AC008770.2/AC010422.6/AC073111.4/AC138
PFAM: zf−C2H2/zf−C2H2/zf−H2C2_2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/z
archetype: ARCH822_M08939_2.00__M10306...
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_048726835.1
OG: HMGbox_Sox.HG1.62:like:NSD2
PFAM: HMG_box
archetype: ARCH1419_Sox21
archetype family: HMGbox_Sox
assignment: archetype

Nvec_vc1.1_XM_048726881.1
OG: zf−C2H2.HG1.3:ZBTB3
PFAM: zf−C2H2
archetype: ARCH1200_Zfp760/Zfp770
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_048726885.1
OG: zf−C2H2.HG1.3:ZBTB3
PFAM: zf−C2H2_6/zf−C2H2_6/zf−C2H2
archetype: ARCH1345_Gfi1b/Gfi1
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_048727075.1
OG: Homeodomains.HG2.12:ESX1
PFAM: Homeodomain
archetype: ARCH121_Nfya_Pbx4/Pbx2/Pbx1
archetype family: Homeodomains
assignment: archetype

Nvec_vc1.1_XM_048727123.1
OG: Myb.HG1.9:NCOR1/NCOR2
PFAM: GPS2_interact/Myb_DNA−binding
archetype: ARCH646_Msantd4/Mypop_Terf2ip
archetype family: Myb
assignment: archetype

Nvec_vc1.1_XM_048727305.1
OG: Homeodomains.HG2.18:RHOXF1
PFAM: PAX
archetype: ARCH466_M11208_2.00
archetype family: Pax
assignment: archetype

Nvec_vc1.1_XM_048727543.1
OG: Homeodomains.HG2.17:like:RHOXF1
PFAM: PAX/Homeodomain
archetype: ARCH8_Pax5/Pax8/Pax2
archetype family: Pax/Homeodomain
assignment: archetype

Nvec_vc1.1_XM_048727600.1
OG: Myb.HG2.3:NA
PFAM: MADF_DNA_bdg
archetype: M06395_2.00
archetype family: Myb
assignment: orthology

Nvec_vc1.1_XM_048727677.1
OG: Myb.HG1.23:TERB1/TERF2
PFAM: Myb_DNA−binding
archetype: ARCH1387_MYB105
archetype family: Myb
assignment: archetype

Nvec_vc1.1_XM_048727718.1
OG: Homeodomains.HG1.5:like:AC004080.3/AC012531.3/BARHL1/BARHL2/BARX1/B
PFAM: Homeodomain
archetype: ARCH273_HOXD3
archetype family: Homeodomains
assignment: archetype

Nvec_vc1.1_XM_048727956.1
OG: Homeodomains.HG2.2:like:AC025287.4/ALX1/ALX3/ALX4/ARGFX/ARX/CPHXL/C
PFAM: Homeodomain
archetype: ARCH273_HOXD3
archetype family: Homeodomains
assignment: archetype

Nvec_vc1.1_XM_048728028.1 (FoxB)
OG: Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB2/FOXD1/FOXD2/FOXD3/F
PFAM: Forkhead
archetype: ARCH975_Foxd2/Foxd4/Foxd3/F...
archetype family: Forkhead
assignment: archetype

Nvec_vc1.1_XM_048728051.1
OG: Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB2/FOXD1/FOXD2/FOXD3/F
PFAM: Forkhead
archetype: M07960_2.00
archetype family: Forkhead
assignment: orthology

Nvec_vc1.1_XM_048728399.1
OG: bZIP.HG2.5:CEBPA/CEBPB/CEBPD/CEBPE/CEBPG
PFAM: bZIP_2
archetype: ARCH1224_Cebpd/Cebpe/Cebpa/...
archetype family: bZIP
assignment: archetype

Nvec_vc1.1_XM_048728521.1
OG: Homeodomains.HG2.11:DUX4/DUXA/DUXB
PFAM: Homeodomain
archetype: ARCH273_HOXD3
archetype family: Homeodomains
assignment: archetype

Nvec_vc1.1_XM_048728853.1
OG: Homeodomains.HG1.24:like:HHEX/LBX1/LBX2/NKX2−1/NKX2−2/NKX2−3/NKX2−
PFAM: Homeodomain
archetype: ARCH1336_Alx3/Alx4/Alx1_Bar...
archetype family: Homeodomains
assignment: archetype

Nvec_vc1.1_XM_048728967.1
OG: HLH.HG1.29:MYC/MYCL/MYCN
PFAM: HLH/HLH
archetype: ARCH867_ZEB1__PL0011.1_hlh−...
archetype family: HLH
assignment: archetype

Nvec_vc1.1_XM_048728976.1 (Zic−C)
OG: zf−C2H2.HG4.5:like:ZIC1/ZIC2/ZIC3/ZIC4/ZIC5
PFAM: zf_ZIC/zf−C2H2/zf−C2H2
archetype: Zic−C_241030_streme
archetype family: zf−C2H2
assignment: dapseq

Nvec_vc1.1_XM_048729186.1
OG: Ets.HG1.9:AC020909.1/SPI1/SPIB/SPIC
PFAM: Ets
archetype: ARCH587_Elf3/Ehf/Elf5_Erg/F...
archetype family: Ets
assignment: archetype

Nvec_vc1.1_XM_048729481.1
OG: zf−C2H2.HG4.3:like:ZIC1/ZIC2/ZIC3/ZIC4/ZIC5
PFAM: zf_ZIC/zf−C2H2/zf−C2H2
archetype: ARCH497_M03679_2.00
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_048729483.1
OG: zf−C2H2.HG4.4:like:ZIC1/ZIC2/ZIC3/ZIC4/ZIC5
PFAM: zf_ZIC/zf−C2H2/zf−C2H2
archetype: ARCH521_Zic2__Unknown−ESC−e...
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_048729604.1
OG: Homeodomains.HG2.11:DUX4/DUXA/DUXB
PFAM: Homeodomain
archetype: ARCH273_HOXD3
archetype family: Homeodomains
assignment: archetype

Nvec_vc1.1_XM_048729727.1
OG: THAP_finger.HG1.0:AC073612.1/THAP1/THAP2/THAP3/THAP4/THAP5/THAP6/T
PFAM: THAP
archetype: ARCH1246_THAP1
archetype family: THAP_finger
assignment: archetype

Nvec_vc1.1_XM_048729815.1
OG: zf−C2H2.HG3.36:YY1/YY2/ZFP42
PFAM: zf−C2H2/zf−C2H2/zf−C2H2
archetype: ARCH1311_Yy1
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_048730021.1
OG: zf−C2H2.HG2.4:MTF1/ZNF76/ZNF143
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2
archetype: ARCH1200_Zfp760/Zfp770
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_048730025.1
OG: THAP_finger.HG1.0:AC073612.1/THAP1/THAP2/THAP3/THAP4/THAP5/THAP6/T
PFAM: THAP
archetype: ARCH1246_THAP1
archetype family: THAP_finger
assignment: archetype

Nvec_vc1.1_XM_048730161.1 (Cnido−Fos1)
OG: bZIP.HG1.9:like:ATF3/ATF4/ATF5/FOS/FOSB/FOSL1/FOSL2/JDP2
PFAM: bZIP_1
archetype: M04272_2.00
archetype family: bZIP
assignment: orthology

Nvec_vc1.1_XM_048730169.1
OG: Myb.HG1.11:MIS18BP1
PFAM: SANTA/Myb_DNA−binding
archetype: ARCH1391_MYB113
archetype family: Myb
assignment: archetype

Nvec_vc1.1_XM_048730283.1
OG: bZIP.HG1.17:ATF3/JDP2
PFAM: bZIP_1
archetype: ARCH947_Creb3l2/Creb3l1
archetype family: bZIP
assignment: archetype

Nvec_vc1.1_XM_048731064.1
OG: zf−C2H2.HG87.0:NA
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2
archetype: ARCH470_Snai2
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_048731081.1
OG: Myb.HG1.21:like:MIER1/MIER2/MIER3/MTA1/MTA3
PFAM: Myb_DNA−binding
archetype: ARCH1387_MYB105
archetype family: Myb
assignment: archetype

Nvec_vc1.1_XM_048731137.1 (LMX)
OG: Homeodomains.HG2.20:LHX1/LHX3/LHX4/LHX5/LMX1A/LMX1B
PFAM: LIM/LIM/Homeodomain
archetype: ARCH233_Alx3/Alx4/Alx1_Barx...
archetype family: Homeodomains
assignment: archetype

Nvec_vc1.1_XM_048731196.1
OG: HMGbox_Sox.HG1.4:like:HBP1
PFAM: HLH/HMG_box/zf−CW
archetype: ARCH1318_M07267_2.00
archetype family: HMGbox_Sox
assignment: archetype

Nvec_vc1.1_XM_048731339.1
OG: AP−2.HG1.3:like:TFAP2A/TFAP2B/TFAP2C/TFAP2D/TFAP2E
PFAM: TF_AP−2
archetype: ARCH387_TFAP2E
archetype family: AP2
assignment: archetype

Nvec_vc1.1_XM_048731616.1
OG: zf−C2H2.HG17.1:HIC2
PFAM: zf−C2H2/zf−C2H2_11/zf−C2H2
archetype: ARCH836_M08316_2.00__M08901...
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_048731647.1
OG: zf−C2H2.HG36.2:ZNF425
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2_6/zf−C2H2/zf−C2H2_6
archetype: ARCH1345_Gfi1b/Gfi1
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_048731755.1
OG: Homeodomains.HG1.5:like:AC004080.3/AC012531.3/BARHL1/BARHL2/BARX1/B
PFAM: Homeodomain
archetype: ARCH167_Nanog
archetype family: Homeodomains
assignment: archetype

Nvec_vc1.1_XM_048731858.1
OG: Homeodomains.HG2.20:LHX1/LHX3/LHX4/LHX5/LMX1A/LMX1B
PFAM: LIM/LIM/Homeodomain
archetype: ARCH273_HOXD3
archetype family: Homeodomains
assignment: archetype

Nvec_vc1.1_XM_048731942.1
OG: HLH.HG1.87:LYL1/NHLH1/NHLH2/TAL1/TAL2
PFAM: HLH
archetype: M08734_2.00
archetype family: HLH
assignment: orthology

Nvec_vc1.1_XM_048731950.1
OG: HMGbox_Sox.HG1.39:HMGXB4
PFAM: HMG_box
archetype: ARCH1159_/Lef1/Tcf7l1/Tcf7
archetype family: HMGbox_Sox
assignment: archetype

Nvec_vc1.1_XM_048732398.1
OG: E2F_TDP.HG1.4:E2F1/E2F2/E2F3/E2F6
PFAM: E2F_TDP
archetype: ARCH394_/E2f4_E2f6_E2f8/E2f7
archetype family: E2F_TDP
assignment: archetype

Nvec_vc1.1_XM_048732532.1
OG: Ets.HG1.8:ETS1/ETS2
PFAM: Ets
archetype: Ets2/Ets1/Etv2_241030_streme
archetype family: Ets
assignment: dapseq

Nvec_vc1.1_XM_048732776.1
OG: HMGbox_Sox.HG1.22:MAEL
PFAM: HMG_box_2/Maelstrom
archetype: M11336_2.00
archetype family: HMGbox_Sox
assignment: orthology

Nvec_vc1.1_XM_048733302.1
OG: HLH.HG1.33:MITF/TFE3/TFEB/TFEC
PFAM: MITF_TFEB_C_3_N/HLH
archetype: M06003_2.00
archetype family: HLH
assignment: orthology

Nvec_vc1.1_XM_048733498.1
OG: Myb.HG3.0:like:HSPA14/MSANTD1/MSANTD2/UTF1/ZKSCAN2/ZSCAN20/ZSCA
PFAM: Myb_DNA−bind_4/Myb_DNA−bind_4/Myb_DNA−bind_4/Myb_DNA−bind_4
archetype: ARCH153_Msantd2_Rcor1/Rcor2...
archetype family: Myb
assignment: archetype

Nvec_vc1.1_XM_048733519.1
OG: Homeodomains.HG2.73:like:DMBX1
PFAM: Homeodomain
archetype: M00490_2.00
archetype family: Homeodomains
assignment: orthology

Nvec_vc1.1_XM_048733551.1
OG: Homeodomains.HG1.5:like:AC004080.3/AC012531.3/BARHL1/BARHL2/BARX1/B
PFAM: Homeodomain
archetype: ARCH273_HOXD3
archetype family: Homeodomains
assignment: archetype

Nvec_vc1.1_XM_048733581.1
OG: zf−C2H2.HG1.35:FEZF1/FEZF2/GFI1/GFI1B
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2
archetype: ARCH836_M08316_2.00__M08901...
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_048733733.1
OG: Myb.HG4.3:like:FSBP/MSANTD3/MSANTD4/MYPOP/NAIF1/TSNARE1
PFAM: Myb_DNA−bind_5
archetype: ARCH1387_MYB105
archetype family: Myb
assignment: archetype

Nvec_vc1.1_XM_048734004.1
OG: zf−C2H2.HG99.0:NA
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C
archetype: ARCH667_RBPJ__ZNF416
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_048734435.1
OG: E2F_TDP.HG1.4:E2F1/E2F2/E2F3/E2F6
PFAM: E2F_TDP/E2F_CC−MB
archetype: ARCH1058_Pdp1
archetype family: E2F_TDP
assignment: archetype

Nvec_vc1.1_XM_048734482.1
OG: zf−C2H2.HG1.142:like:AC008758.1/AC008770.2/AC010422.6/AC073111.4/AC138
PFAM: zf−C2H2/zf−C2H2_6/zf−C2H2/zf−C2H2/zf−C2H2
archetype: ARCH1255_Yy1
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_048734570.1
OG: zf−C2H2.HG1.35:FEZF1/FEZF2/GFI1/GFI1B
PFAM: zf−C2H2_6/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2
archetype: ARCH861_Scrt2/Scrt1
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_048734588.1
OG: zf−C2H2.HG99.0:NA
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2
archetype: ARCH1274_ZNF528
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_048734590.1
OG: zf−C2H2.HG99.1:NA
PFAM: zf−C2H2/zf−C2H2/NSF/zf−C2H2/zf−C2H2/NSF/zf−C2H2_11/NSF/zf−C2H2_11/
archetype: ARCH836_M08316_2.00__M08901...
archetype family: zf−C2H2
assignment: archetype

Nvec_vc1.1_XM_048734675.1
OG: HMGbox_Sox.HG1.62:like:NSD2
PFAM: HMG_box
archetype: ARCH1164_/Sox4/Sox11_Sox13/...
archetype family: HMGbox_Sox
assignment: archetype

Nvec_vc1.1_XM_048734691.1
OG: zf−C2H2.HG70.1:NA
PFAM: zf−C2H2/zf−met/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2
archetype: ARCH836_M08316_2.00__M08901...
archetype family: zf−C2H2
assignment: archetype