

cnidocyte

1: 109 peaks (6.0%)

BHMG1 |

HLH.HG1.29:MYC/MYCL/MYCN |

Sohlh2 |

Ahr/Ahrr |

AshA |

HLH.HG1.29:MYC/MYCL/MYCN (ARCH867_ZEB1_PL0011.1_hlh...)

2: 109 peaks (6.0%)

FoxL2 |

FoxA/D? (ARCH1102_Foxa3/Foxa1/Foxa2...)

3: 107 peaks (5.9%)

BHMG1 |

HLH.HG1.29:MYC/MYCL/MYCN |

Sohlh2 |

Ahr/Ahrr |

AshA |

HLH.HG1.29:MYC/MYCL/MYCN (ARCH867_ZEB1_PL0011.1_hlh...)

4: 87 peaks (4.8%)

FoxL2 |

FoxA/D? (ARCH1102_Foxa3/Foxa1/Foxa2...)

5: 85 peaks (4.7%)

Zfp760/Zfp770 (ARCH1200_Zfp760/Zfp770)

Pou4 (ARCH56_POU4F1)

6: 83 peaks (4.5%)

Pbx4/Pbx2/Pbx1 |

Homeodomains.HG1.37:NKX6-1/NKX6-2/NKX6-3 (ARCH1202_Nfy...)

Sohlh2 |

Ahr/Ahrr |

AshA |

HLH.HG1.29:MYC/MYCL/MYCN (ARCH867_ZEB1_PL0011.1_hlh...)

7: 79 peaks (4.3%)

BHMG1 |

HLH.HG1.29:MYC/MYCL/MYCN |

Sohlh2 |

Ahr/Ahrr |

AshA |

HLH.HG1.29:MYC/MYCL/MYCN (ARCH867_ZEB1_PL0011.1_hlh...)

8: 77 peaks (4.2%)

BHMG1 |

HLH.HG1.29:MYC/MYCL/MYCN |

Sohlh2 |

Ahr/Ahrr |

AshA |

HLH.HG1.29:MYC/MYCL/MYCN (ARCH867_ZEB1_PL0011.1_hlh...)

9: 70 peaks (3.8%)

Pbx4/Pbx2/Pbx1 |

Homeodomains.HG1.37:NKX6-1/NKX6-2/NKX6-3 (ARCH1202_Nfy...)

10: 65 peaks (3.6%)

Pbx4/Pbx2/Pbx1 |

Homeodomains.HG1.37:NKX6-1/NKX6-2/NKX6-3 (ARCH121_Nfy...)

11: 65 peaks (3.6%)

FoxL2 |

FoxA/D? (ARCH1102_Foxa3/Foxa1/Foxa2_Ny)

SoxC (ARCH1170_Sox4/Sox11_Sox13...)

12: 61 peaks (3.3%)

NvSox2 |

NvSoxC (ARCH1170_Sox4/Sox11_Sox13...)

13: 59 peaks (3.2%)

SoxB2/Sox3 (ARCH1040_PB0066.1_Sox17)

BHMG1 |

HLH.HG1.29:MYC/MYCL/MYCN |

Sohlh2 |

Ahr/Ahrr |

AshA |

HLH.HG1.29:MYC/MYCL/MYCN (ARCH867_ZEB1_PL0011.1_hlh...)

14: 59 peaks (3.2%)

NvSox2 |

NvSoxC (ARCH1170_Sox4/Sox11_Sox13...)

15: 52 peaks (2.8%)

FoxL2 |

FoxA/D? (ARCH1102_Foxa3/Foxa1/Foxa2_Ny)

Klf13 |

zf-C2H2.HG95.1:NA |

Zfp541/Mideas |

ZNF845 |

zf-C2H2.HG1.32:like:AC008758.1/AC00877 |

zf-C2H2.HG119.1:NA |

Sp6-9 |

Prdm13 (ARCH861_Scrt2/Scrt1)

16: 51 peaks (2.8%)

SoxB2/Sox3 (ARCH1040_PB0066.1_Sox17)

FoxL2 |

FoxA/D? (ARCH1102_Foxa3/Foxa1/Foxa2_Ny)

17: 47 peaks (2.6%)

SoxB2/Sox3 (ARCH1040_PB0066.1_Sox17)

Zfp541/Mideas |

18: 46 peaks (2.5%)

Klf13 |

zf-C2H2.HG95.1:NA |

Zfp541/Mideas |

ZNF845 |

zf-C2H2.HG1.32:like:AC008758.1/AC008770.2/A... |

zf-C2H2.HG119.1:NA |

Sp6-9 |

Prdm13 (ARCH861_Scrt2/Scrt1)

19: 43 peaks (2.4%)

BHMG1 |

HLH.HG1.29:MYC/MYCL/MYCN |

Sohlh2 |

Ahr/Ahrr |

AshA |

HLH.HG1.29:MYC/MYCL/MYCN (ARCH867_ZEB1_PL0011.1_hlh...)

20: 41 peaks (2.2%)

Pbx4/Pbx2/Pbx1 |

Homeodomains.HG1.37:NKX6-1/NKX6-2/NKX6-3 (ARCH1270_Nfy...)

cnidocyte_gastrula

1: 671 peaks (4.6%)

Arid3c/Arid3a/Arid3b (ARCH13_Arid2_Arid3c/Arid3a/...)

FoxA/D? (ARCH1102_Foxa3/Foxa1/Foxa2_...)



2: 626 peaks (4.3%)

NvSox2 |

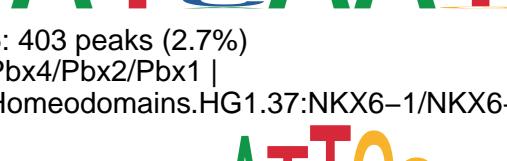
NvSoxC (ARCH1170_Sox4/Sox11_Sox13/FoxA/D? (ARCH1102_Foxa3/Foxa1/Foxa2_...))



3: 537 peaks (3.7%)

Pbx4/Pbx2/Pbx1 |

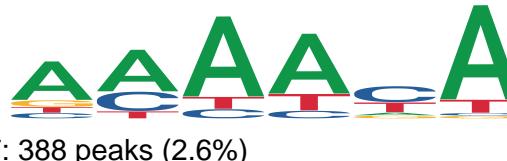
Homeodomains.HG1.37:NKX6-1/NKX6-2/NKX6-3 (ARCH12102_Nfy_a_Pbx4/Pbx2/Pbx1_...)



4: 457 peaks (3.1%)

Arid3c/Arid3a/Arid3b (ARCH13_Arid2_Arid3c/Arid3a/...)

NvSoxC (ARCH1170_Sox4/Sox11_Sox13/FoxA/D? (ARCH1102_Foxa3/Foxa1/Foxa2_...))



5: 403 peaks (2.7%)

Pbx4/Pbx2/Pbx1 |

Homeodomains.HG1.37:NKX6-1/NKX6-2/NKX6-3 (ARCH12102_Nfy_a_Pbx4/Pbx2/Pbx1_...)



6: 390 peaks (2.7%)

FoxL2 |

FoxA/D? (ARCH1102_Foxa3/Foxa1/Foxa2_...)



7: 388 peaks (2.6%)

Pbx4/Pbx2/Pbx1 |

Homeodomains.HG1.37:NKX6-1/NKX6-2/NKX6-3 (ARCH121_Nfy_a_Pbx4/Pbx2/Pbx1_...)



8: 342 peaks (2.3%)

Pbx4/Pbx2/Pbx1 |

Homeodomains.HG1.37:NKX6-1/NKX6-2/NKX6-3 (ARCH121_Nfy_a_Pbx4/Pbx2/Pbx1_...)



9: 331 peaks (2.3%)

Arid3c/Arid3a/Arid3b (ARCH13_Arid2_Arid3c/Arid3a/...)

FoxB2/Sox3 (ARCH1040_PB0066.1_Sox17_...)

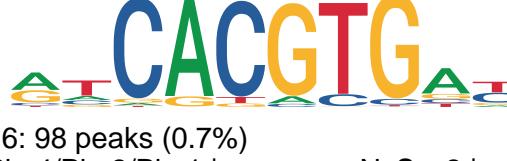


10: 311 peaks (2.1%)

Mlx (ARCH793_Mlx_Srebf2/Srebf1_Usf3)

FoxL2 |

FoxA/D? (ARCH1102_Foxa3/Foxa1/Foxa2_...)



11: 275 peaks (1.9%)

NvSox2 |

NvSoxC (ARCH1170_Sox4/Sox11_Sox13/...)

FoxB2/Sox3 (ARCH1040_PB0066.1_Sox17_...)



12: 270 peaks (1.8%)

Pbx4/Pbx2/Pbx1 |

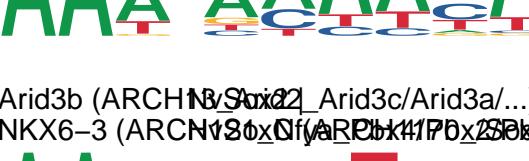
Homeodomains.HG1.37:NKX6-1/NKX6-2/NKX6-3 (ARCH121_Nfy_a_Pbx4/Pbx2/Pbx1_...)



13: 243 peaks (1.7%)

Mlx (ARCH793_Mlx_Srebf2/Srebf1_Usf3)

Arid3c/Arid3a/Arid3b (ARCH13_Arid2_Arid3c/Arid3a/...)



14: 239 peaks (1.6%)

Mlx (ARCH793_Mlx_Srebf2/Srebf1_Usf3)

NvSox2 |

NvSoxC (ARCH1170_Sox4/Sox11_Sox13/...)

15: 151 peaks (1.0%)

Mlx (ARCH793_Mlx_Srebf2/Srebf1_Usf3)

FoxB2/Sox3 (ARCH1040_PB0066.1_Sox17_...)

16: 98 peaks (0.7%)

Pbx4/Pbx2/Pbx1 |

Homeodomains.HG1.37:NKX6-1/NKX6-2/NKX6-3 (ARCH121_Nfy_a_Pbx4/Pbx2/Pbx1_...)

17: 92 peaks (0.6%)

Arid3c/Arid3a/Arid3b (ARCH13_Arid2_Arid3c/Arid3a/...)

FoxL2 |

FoxA/D? (ARCH1102_Foxa3/Foxa1/Foxa2_...)

18: 87 peaks (0.6%)

Arid3c/Arid3a/Arid3b (ARCH13_Arid2_Arid3c/Arid3a/...)

SoxB2/Sox3 (ARCH1040_PB0066.1_Sox17_...)

19: 82 peaks (0.6%)

Pbx4/Pbx2/Pbx1 |

Homeodomains.HG1.37:NKX6-1/NKX6-2/NKX6-3 (ARCH121_Nfy_a_Pbx4/Pbx2/Pbx1_...)

20: 71 peaks (0.5%)

Pbx4/Pbx2/Pbx1 |

Homeodomains.HG1.37:NKX6-1/NKX6-2/NKX6-3 (ARCH121_Nfy_a_Pbx4/Pbx2/Pbx1_...)

ecto_pharynx

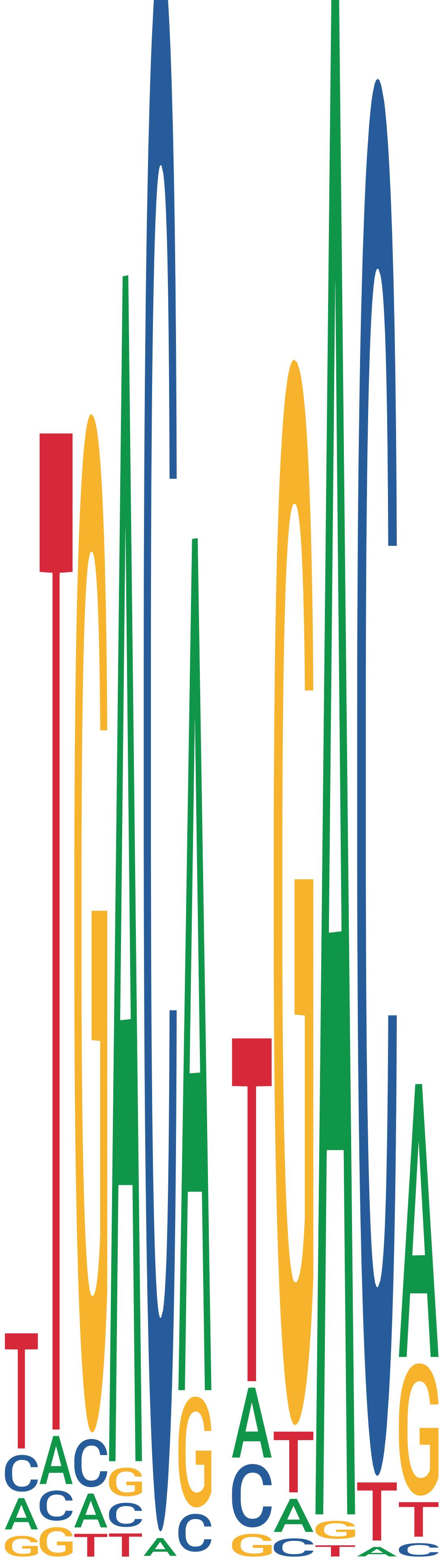
1: 1492 peaks (9.0%)

Homeodomains.HG1.53:MNX1 |

Nkx2–2/Nkx2–9 |

Hlx (ARCH1546_Meis3/Meis2/Meis1_...)

Gsc2/Gsc//Obox1/Obox7/Obox2 (ARCH1633)



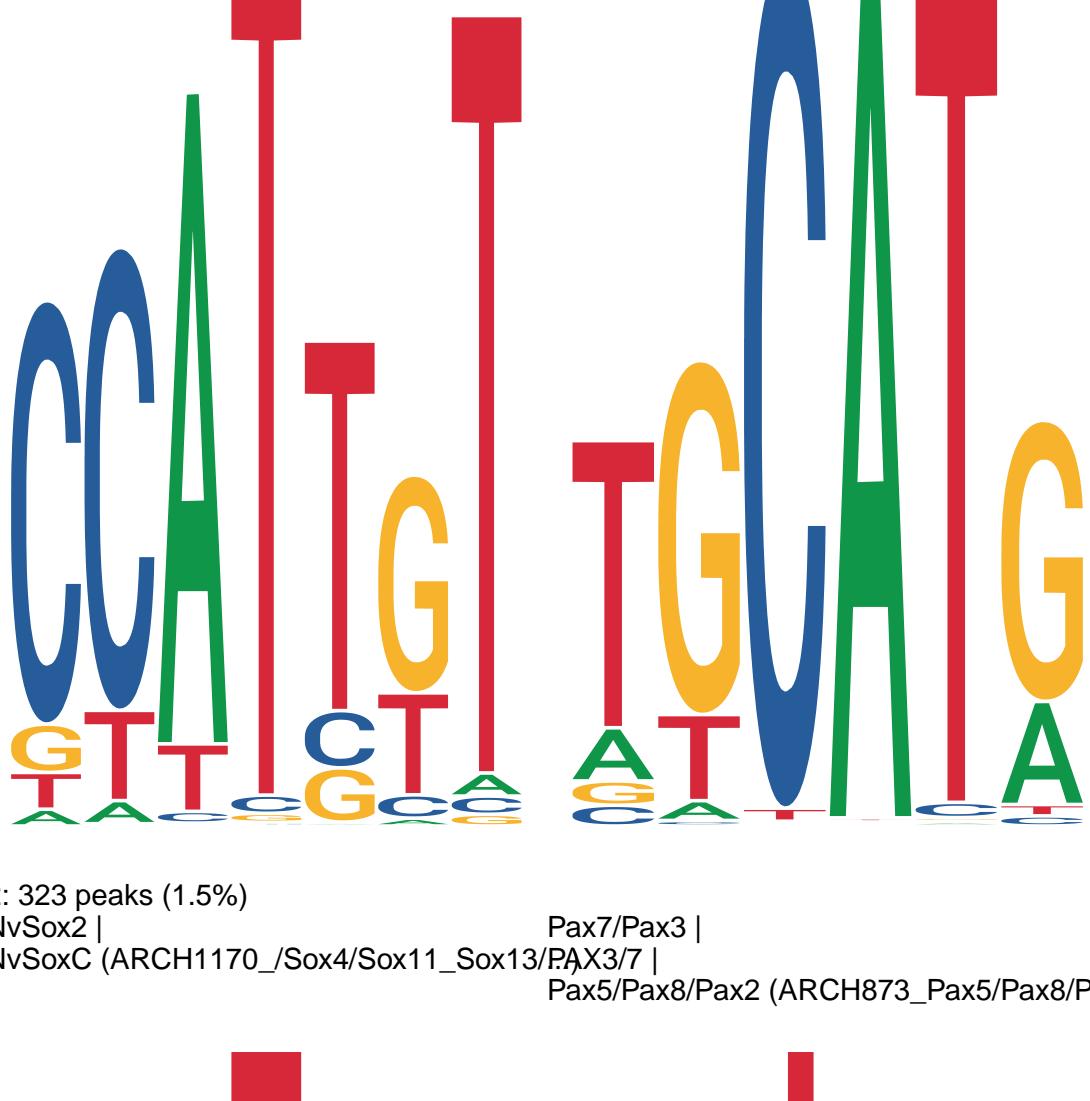
ectoderm

1: 396 peaks (1.8%)

NvSox2 |

NvSoxC (ARCH1170_Sox4/Sox11_Sox13/FoxQ2d (ARCH1397_RBFox2_OCT:OCT-
SOX)

Forkhead.HG1.31:like:FOXO1/FOXO3/FOXO



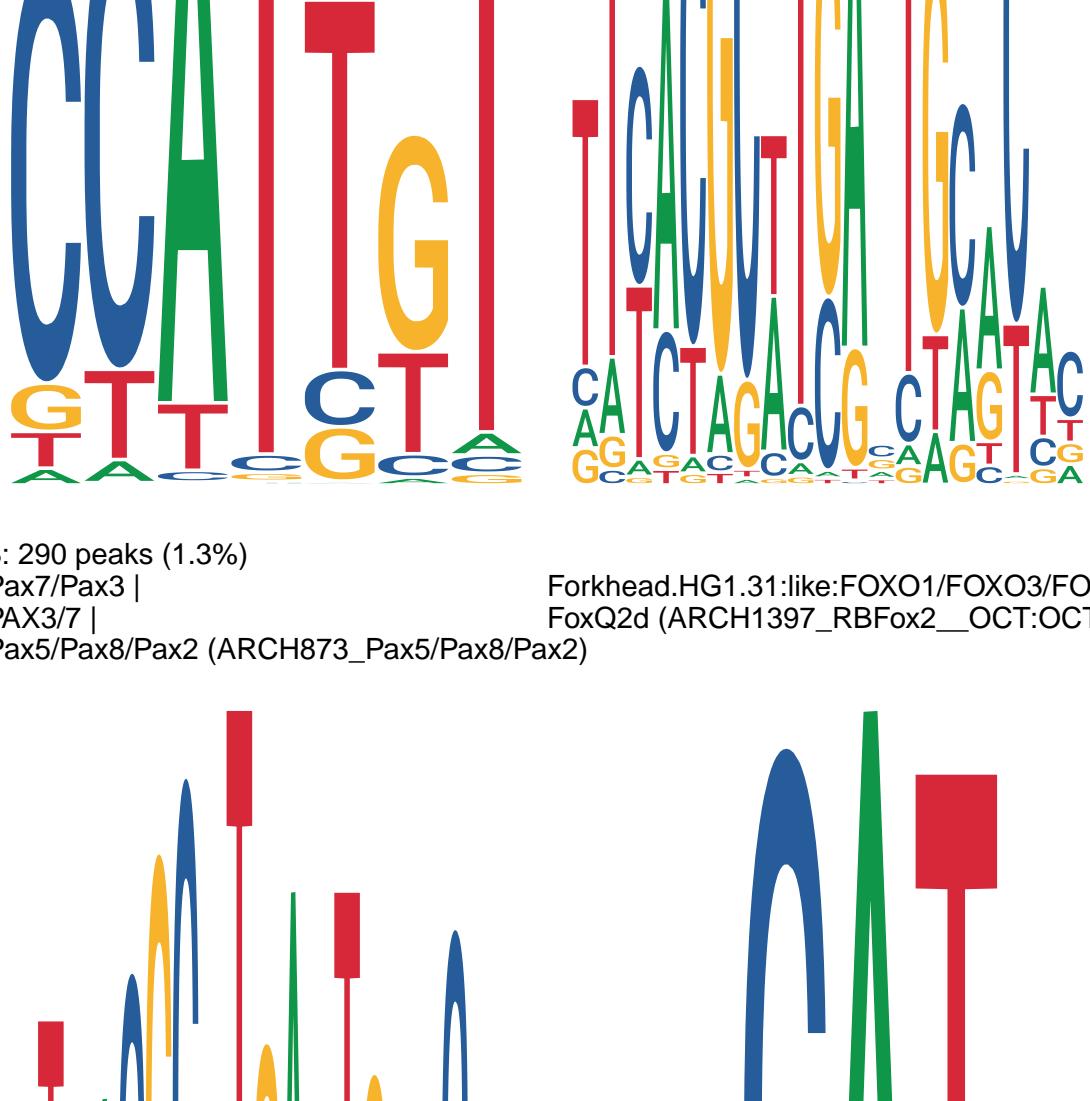
2: 323 peaks (1.5%)

NvSox2 |

NvSoxC (ARCH1170_Sox4/Sox11_Sox13/PAX3/7 |

Pax7/Pax3 |

Pax5/Pax8/Pax2 (ARCH873_Pax5/Pax8/Pax2)



3: 290 peaks (1.3%)

Pax7/Pax3 |

PAX3/7 |

Pax5/Pax8/Pax2 (ARCH873_Pax5/Pax8/Pax2)

Forkhead.HG1.31:like:FOXO1/FOXO3/FOXO
FoxQ2d (ARCH1397_RBFox2_OCT:OCT-
SOX)



4: 42 peaks (0.2%)

NvSox2 |

NvSoxC (ARCH1170_Sox4/Sox11_Sox13/PAX3/7_Sox13/...)

Pax7/Pax3 |

Pax5/Pax8/Pax2 (ARCH873_Pax5/Pax8/Pax2)

Forkhead.HG1.31:like:FOXO1/FOXO3/FOXO

FoxQ2d (ARCH1397_RBFox2_OCT:OCT-
SOX)

ecto_aboral

1: 376 peaks (1.6%)

NvSox2 |

NvSoxC (ARCH1170_Sox4/Sox11_Sox13/...)

NOTO (ARCH281_)

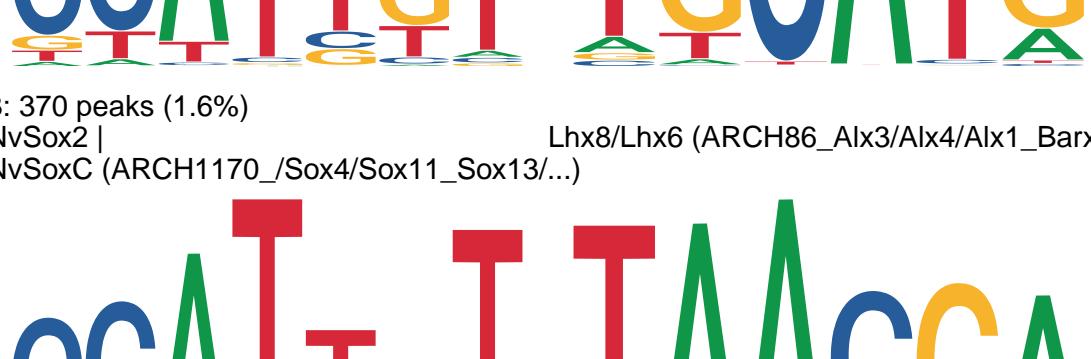


2: 372 peaks (1.6%)

NvSox2 |

NvSoxC (ARCH1170_Sox4/Sox11_Sox13/FoxQ2d (ARCH1397_RBFox2_OCT-OCT-s

Forkhead.HG1.31:like:FOXO1/FOXO3/FOX



3: 370 peaks (1.6%)

NvSox2 |

NvSoxC (ARCH1170_Sox4/Sox11_Sox13/...)

Lhx8/Lhx6 (ARCH86_Alx3/Alx4/Alx1_Barx2.



4: 282 peaks (1.2%)

Forkhead.HG1.31:like:FOXO1/FOXO3/FOX

NOTO (ARCH281_)

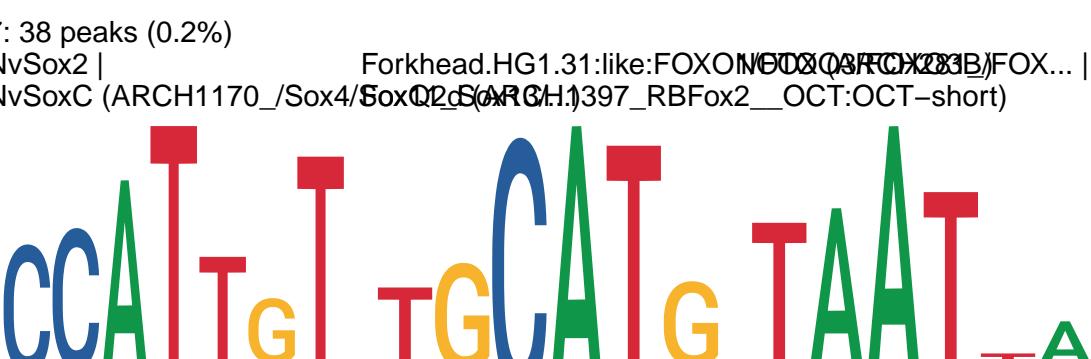
FoxQ2d (ARCH1397_RBFox2_OCT-OCT-short)



5: 274 peaks (1.2%)

Lhx8/Lhx6 (ARCH86_Alx3/Alx4/Alx1_Barx2)

NOTO (ARCH281_)



6: 256 peaks (1.1%)

Lhx8/Lhx6 (ARCH86_Alx3/Alx4/Alx1_Barx2)

Forkhead.HG1.31:like:FOXO1/FOXO3/FOX

NOTO (ARCH281_)

FoxQ2d (ARCH1397_RBFox2_OCT-OCT-short)



7: 38 peaks (0.2%)

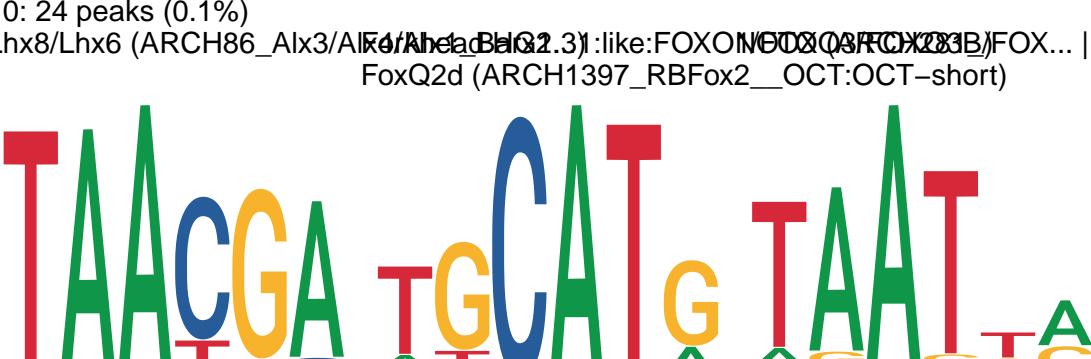
NvSox2 |

NvSoxC (ARCH1170_Sox4/Sox11_Sox13/...)

Forkhead.HG1.31:like:FOXO1/FOXO3/FOX

NOTO (ARCH281_)

FoxQ2d (ARCH1397_RBFox2_OCT-OCT-short)



8: 32 peaks (0.1%)

NvSox2 |

NvSoxC (ARCH1170_Sox4/Sox11_Sox13/...)

Lhx8/Lhx6 (ARCH86_Alx3/Alx4/Alx1_Barx2)

NOTO (ARCH281_)

FoxQ2d (ARCH1397_RBFox2_OCT-OCT-short)



EMS

1: 8317 peaks (33.7%)

Gsc2/Gsc//Obox1/Obox7/Obox2 (ARCH163_M02161_HG106) FOXQ1 | Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FO



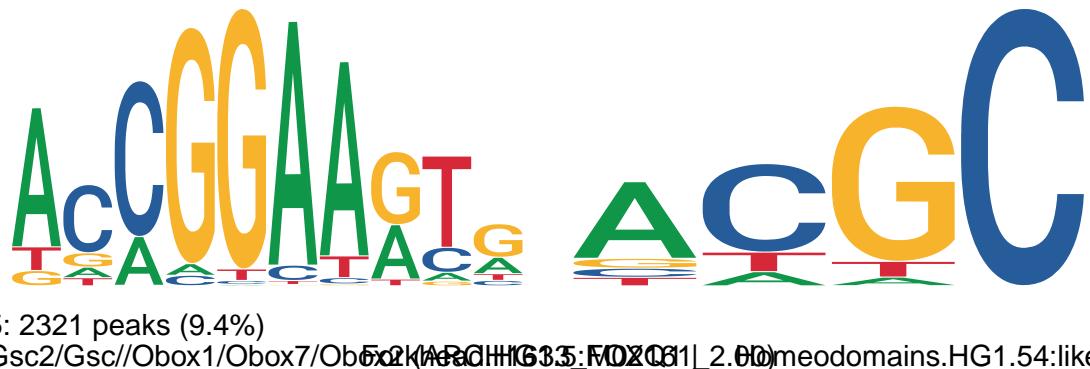
2: 5501 peaks (22.3%)

Forkhead.HG1.5:FOXQ1 | Homeodomains.HG1.54:like:NOTO | Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FO



3: 3239 peaks (13.1%)

Gsc2/Gsc//Obox1/Obox7/Obox2 (ARCH163_M02161_HG106) FOXQ1 | Homeodomains.HG1.54:like:NOTO | VAX-EMX-Like (ARCH1552_Pbx4/Pbx2/Pbx)



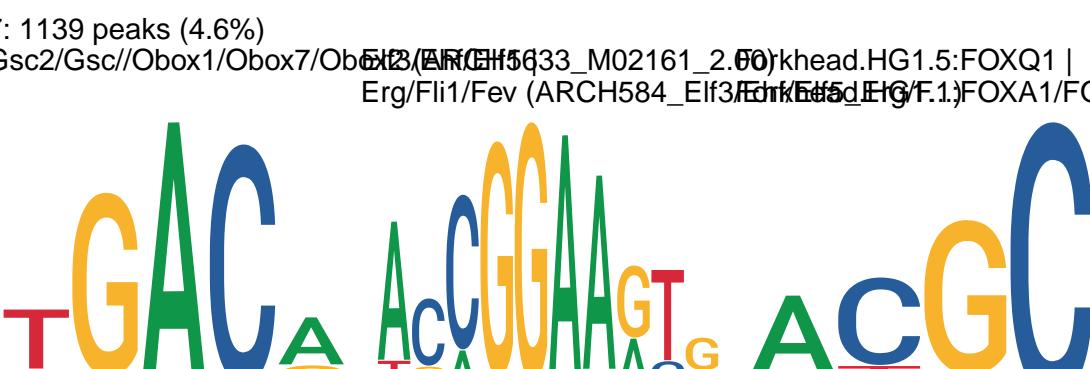
4: 2457 peaks (9.9%)

Elf3/Ehf/Elf5 | Forkhead.HG1.5:FOXQ1 | Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FO



5: 2321 peaks (9.4%)

Gsc2/Gsc//Obox1/Obox7/Obox2 (ARCH163_M02161_HG106) FOXQ1 | Homeodomains.HG1.54:like:NOTO | Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FO



6: 1569 peaks (6.3%)

Gsc2/Gsc//Obox1/Obox7/Obox2 (ARCH163_M02161_HG106) FOXQ1 | Erg/Fli1/Fev (ARCH584_Elf3/Ehf/Elf5_Erg/F)



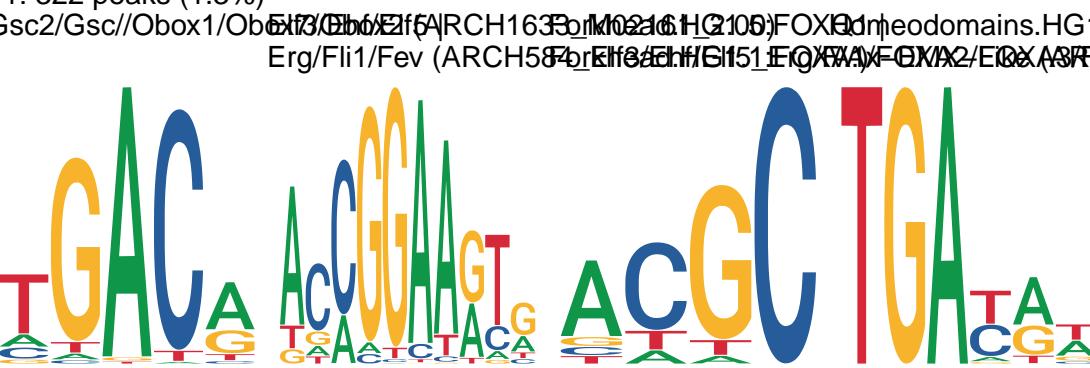
7: 1139 peaks (4.6%)

Gsc2/Gsc//Obox1/Obox7/Obox2 (ARCH163_M02161_HG106) FOXQ1 | Forkhead.HG1.5:FOXQ1 | Erg/Fli1/Fev (ARCH584_Elf3/Ehf/Elf5_Erg/F)



8: 1002 peaks (4.1%)

Elf3/Ehf/Elf5 | Homeodomains.HG1.54:like:NOTO | Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FO

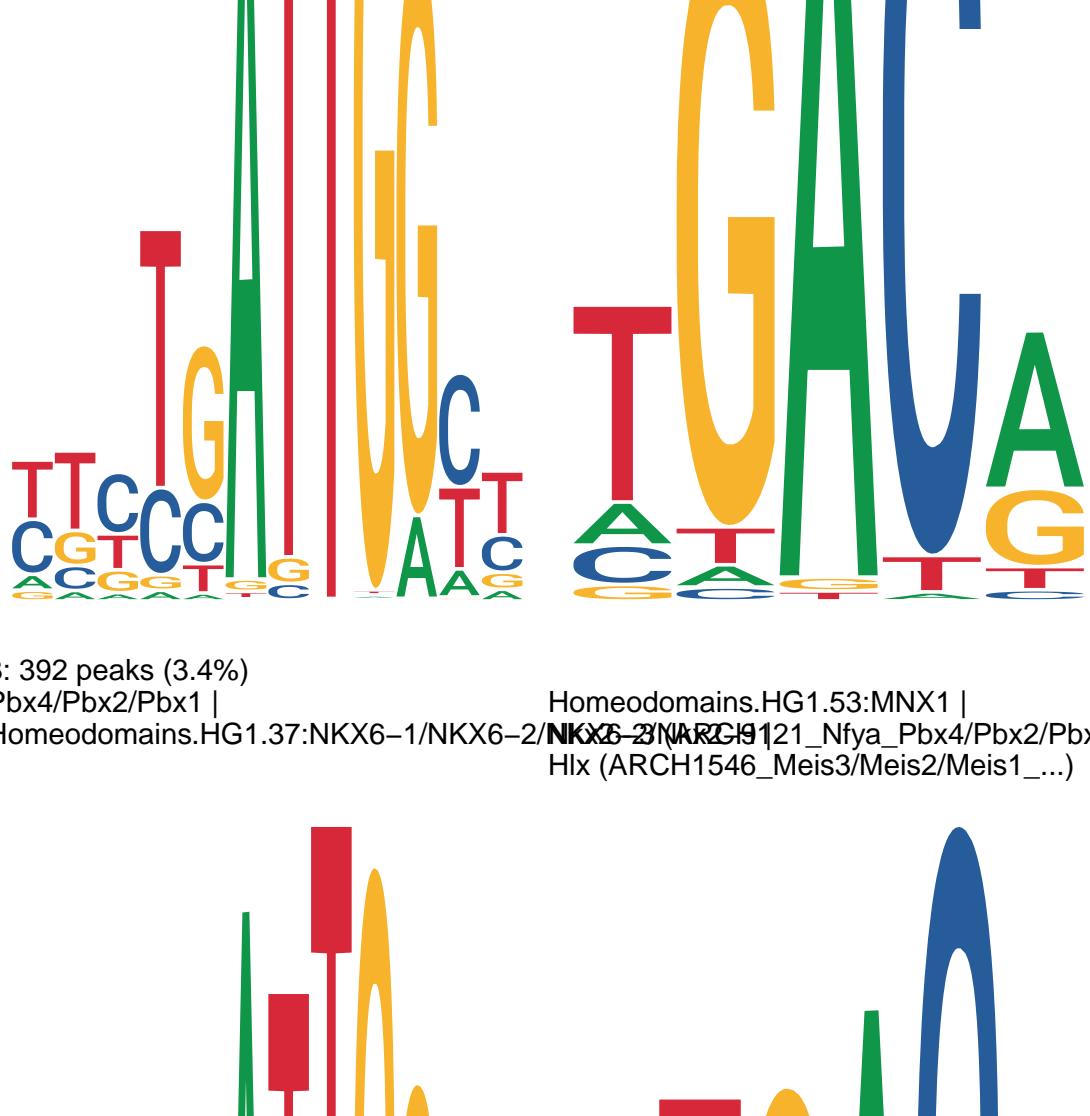
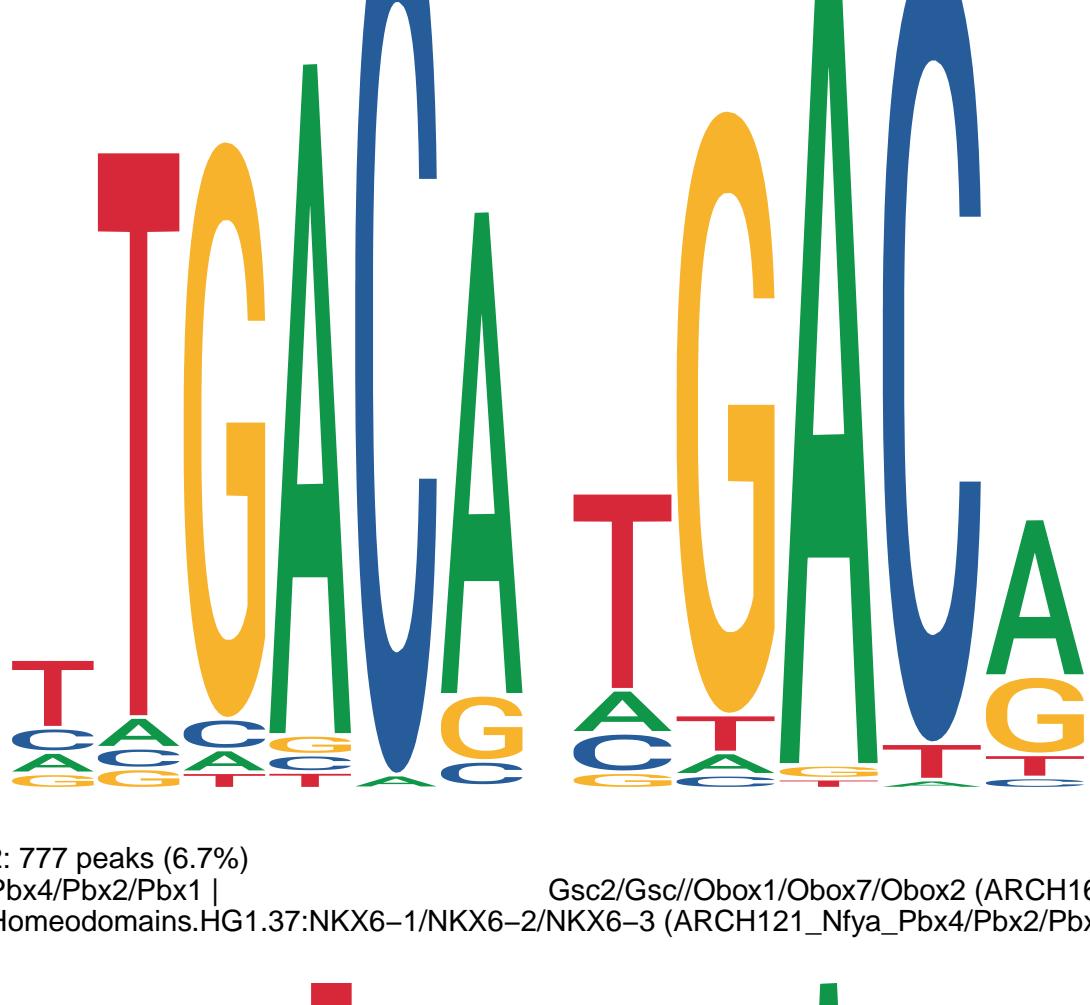


EMS_ecto_boundary

Homeodomains.HG Nkx2–2/Nkx2–9 |

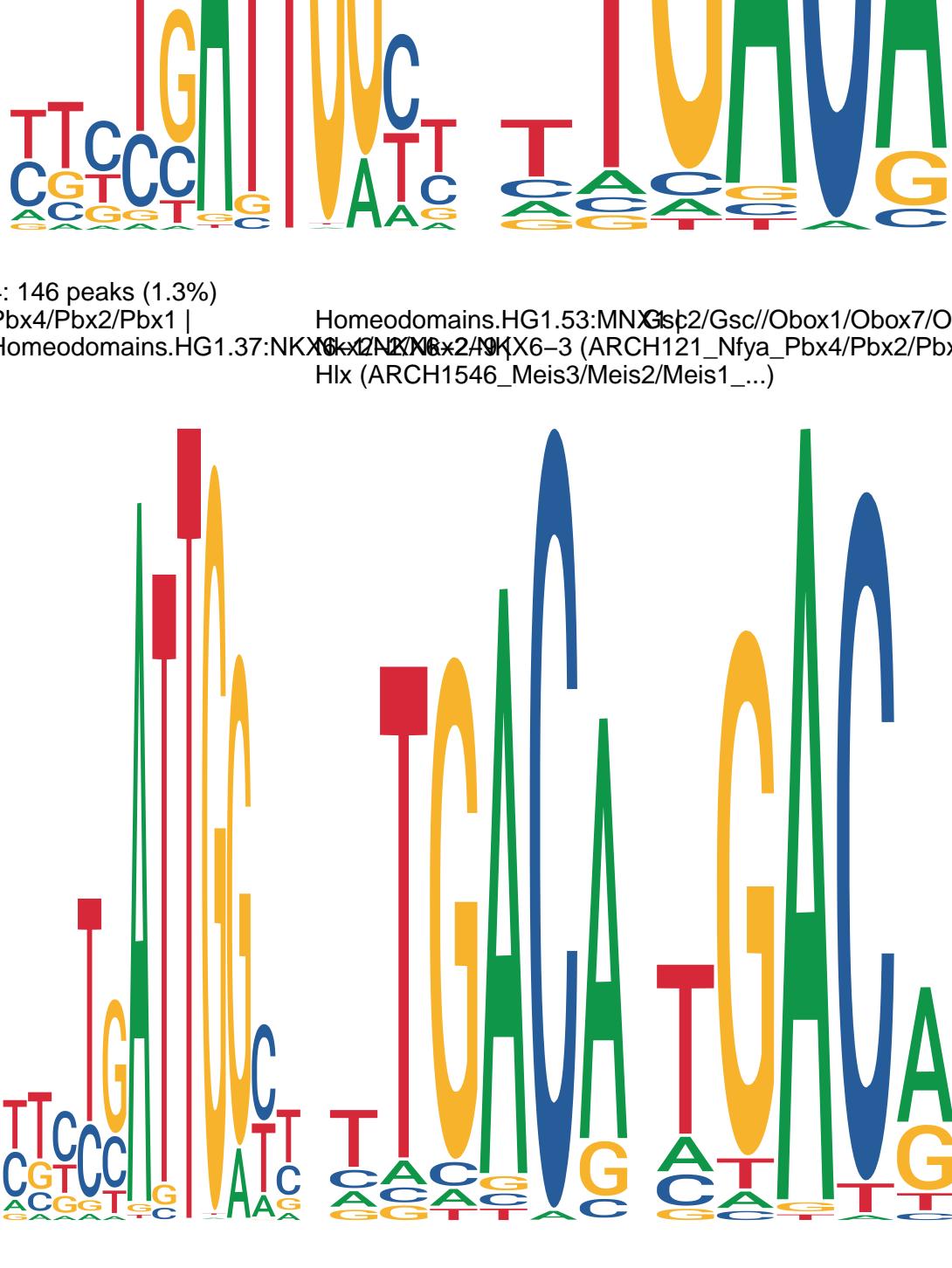
Hlx (ARCH1546_Meis3/Meis2/I)

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Hoxa10/Hoxb9/Hoxc11/Hoxa9/Hoxd11/Hoxd12 |
Homeodomains.HG1.69:HOXA3/HOXB3/HOXA9 |
Homeodomains.HG1.39:BARHL1/BARHL2 |
Homeodomains.HG1.27:like:AC004080.3/AC012531... |
Dmbx1 |
NVHD033-ANTP |
Alx3/Alx4/Alx1 |
Homeodomains.HG1.70:HOXA2/HOXB2/PD
BarH-Like3 (ARCH1362_Six1/_Six4/Six5)

7: 106 peaks (4.5%)

E2F_TDP.HG1.4:E2F1/E2F2/E2F3/E2F6 | Homeodomains.HG1.54:like:NOTO |
E2F_TDP.HG1.4:E2F1/E2F2/E2F3/E2F6 | VAx-EMX-Like (ARCH1552_Pbx4/Pbx2/Pbx1) |
E2F_TDP.HG1.4:E2F1/E2F2/E2F3/E2F6 (ARCH394_E2f4_E2f6_E2f8/E2f7)

8: 99 peaks (4.2%)

zf-C2H2.HG4.4:like:ZIC1/ZIC2/ZIC3/ZIC4/HG05 (ARCH1551_HG2.54 like:NOTO/ESC-e...) |
VAx-EMX-Like (ARCH1552_Pbx4/Pbx2/Pbx1)

9: 79 peaks (3.3%)

Forkhead.HG1.5:FOXQ1 | E2F_TDP.HG1.4:E2F1/E2F2/E2F3/E2F6 | Homeodomains.HG1.54:like:NOTO |
Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB2/FOXB3/FOXB52 (ARCH1552_HG1.55 like:MEOX1/MEOX2) |
E2F_TDP.HG1.4:E2F1/E2F2/E2F3/E2F6 (ARCH394_E2f4_E2f6_E2f8/E2f7)

10: 70 peaks (2.9%)

Six4/Six5 | Homeodomains.HG1.54:like:NOTO |
Homeodomains.HG2.6:like:AC025287.4/ALX1/ALX2/ALX3/ALX4/ALX5/ALX6/ALX7/ALX8/ALX9/ALX10/ALX11/ALX12/ALX13/ALX14/ALX15/ALX16/ALX17/ALX18/ALX19/ALX20/ALX21/ALX22/ALX23/ALX24/ALX25/ALX26/ALX27/ALX28/ALX29/ALX30/ALX31/ALX32/ALX33/ALX34/ALX35/ALX36/ALX37/ALX38/ALX39/ALX40/ALX41/ALX42/ALX43/ALX44/ALX45/ALX46/ALX47/ALX48/ALX49/ALX50/ALX51/ALX52/ALX53/ALX54/ALX55/ALX56/ALX57/ALX58/ALX59/ALX60/ALX61/ALX62/ALX63/ALX64/ALX65/ALX66/ALX67/ALX68/ALX69/ALX70/ALX71/ALX72/ALX73/ALX74/ALX75/ALX76/ALX77/ALX78/ALX79/ALX80/ALX81/ALX82/ALX83/ALX84/ALX85/ALX86/ALX87/ALX88/ALX89/ALX90/ALX91/ALX92/ALX93/ALX94/ALX95/ALX96/ALX97/ALX98/ALX99/ALX100/ALX101/ALX102/ALX103/ALX104/ALX105/ALX106/ALX107/ALX108/ALX109/ALX110/ALX111/ALX112/ALX113/ALX114/ALX115/ALX116/ALX117/ALX118/ALX119/ALX120/ALX121/ALX122/ALX123/ALX124/ALX125/ALX126/ALX127/ALX128/ALX129/ALX130/ALX131/ALX132/ALX133/ALX134/ALX135/ALX136/ALX137/ALX138/ALX139/ALX140/ALX141/ALX142/ALX143/ALX144/ALX145/ALX146/ALX147/ALX148/ALX149/ALX150/ALX151/ALX152/ALX153/ALX154/ALX155/ALX156/ALX157/ALX158/ALX159/ALX160/ALX161/ALX162/ALX163/ALX164/ALX165/ALX166/ALX167/ALX168/ALX169/ALX170/ALX171/ALX172/ALX173/ALX174/ALX175/ALX176/ALX177/ALX178/ALX179/ALX180/ALX181/ALX182/ALX183/ALX184/ALX185/ALX186/ALX187/ALX188/ALX189/ALX190/ALX191/ALX192/ALX193/ALX194/ALX195/ALX196/ALX197/ALX198/ALX199/ALX199/ALX200/ALX201/ALX202/ALX203/ALX204/ALX205/ALX206/ALX207/ALX208/ALX209/ALX210/ALX211/ALX212/ALX213/ALX214/ALX215/ALX216/ALX217/ALX218/ALX219/ALX220/ALX221/ALX222/ALX223/ALX224/ALX225/ALX226/ALX227/ALX228/ALX229/ALX230/ALX231/ALX232/ALX233/ALX234/ALX235/ALX236/ALX237/ALX238/ALX239/ALX240/ALX241/ALX242/ALX243/ALX244/ALX245/ALX246/ALX247/ALX248/ALX249/ALX250/ALX251/ALX252/ALX253/ALX254/ALX255/ALX256/ALX257/ALX258/ALX259/ALX260/ALX261/ALX262/ALX263/ALX264/ALX265/ALX266/ALX267/ALX268/ALX269/ALX270/ALX271/ALX272/ALX273/ALX274/ALX275/ALX276/ALX277/ALX278/ALX279/ALX280/ALX281/ALX282/ALX283/ALX284/ALX285/ALX286/ALX287/ALX288/ALX289/ALX290/ALX291/ALX292/ALX293/ALX294/ALX295/ALX296/ALX297/ALX298/ALX299/ALX299/ALX300/ALX301/ALX302/ALX303/ALX304/ALX305/ALX306/ALX307/ALX308/ALX309/ALX310/ALX311/ALX312/ALX313/ALX314/ALX315/ALX316/ALX317/ALX318/ALX319/ALX320/ALX321/ALX322/ALX323/ALX324/ALX325/ALX326/ALX327/ALX328/ALX329/ALX330/ALX331/ALX332/ALX333/ALX334/ALX335/ALX336/ALX337/ALX338/ALX339/ALX340/ALX341/ALX342/ALX343/ALX344/ALX345/ALX346/ALX347/ALX348/ALX349/ALX350/ALX351/ALX352/ALX353/ALX354/ALX355/ALX356/ALX357/ALX358/ALX359/ALX360/ALX361/ALX362/ALX363/ALX364/ALX365/ALX366/ALX367/ALX368/ALX369/ALX370/ALX371/ALX372/ALX373/ALX374/ALX375/ALX376/ALX377/ALX378/ALX379/ALX380/ALX381/ALX382/ALX383/ALX384/ALX385/ALX386/ALX387/ALX388/ALX389/ALX390/ALX391/ALX392/ALX393/ALX394/ALX395/ALX396/ALX397/ALX398/ALX399/ALX399/ALX400/ALX401/ALX402/ALX403/ALX404/ALX405/ALX406/ALX407/ALX408/ALX409/ALX410/ALX411/ALX412/ALX413/ALX414/ALX415/ALX416/ALX417/ALX418/ALX419/ALX420/ALX421/ALX422/ALX423/ALX424/ALX425/ALX426/ALX427/ALX428/ALX429/ALX430/ALX431/ALX432/ALX433/ALX434/ALX435/ALX436/ALX437/ALX438/ALX439/ALX440/ALX441/ALX442/ALX443/ALX444/ALX445/ALX446/ALX447/ALX448/ALX449/ALX450/ALX451/ALX452/ALX453/ALX454/ALX455/ALX456/ALX457/ALX458/ALX459/ALX460/ALX461/ALX462/ALX463/ALX464/ALX465/ALX466/ALX467/ALX468/ALX469/ALX470/ALX471/ALX472/ALX473/ALX474/ALX475/ALX476/ALX477/ALX478/ALX479/ALX480/ALX481/ALX482/ALX483/ALX484/ALX485/ALX486/ALX487/ALX488/ALX489/ALX490/ALX491/ALX492/ALX493/ALX494/ALX495/ALX496/ALX497/ALX498/ALX499/ALX499/ALX500/ALX501/ALX502/ALX503/ALX504/ALX505/ALX506/ALX507/ALX508/ALX509/ALX510/ALX511/ALX512/ALX513/ALX514/ALX515/ALX516/ALX517/ALX518/ALX519/ALX520/ALX521/ALX522/ALX523/ALX524/ALX525/ALX526/ALX527/ALX528/ALX529/ALX530/ALX531/ALX532/ALX533/ALX534/ALX535/ALX536/ALX537/ALX538/ALX539/ALX540/ALX541/ALX542/ALX543/ALX544/ALX545/ALX546/ALX547/ALX548/ALX549/ALX550/ALX551/ALX552/ALX553/ALX554/ALX555/ALX556/ALX557/ALX558/ALX559/ALX560/ALX561/ALX562/ALX563/ALX564/ALX565/ALX566/ALX567/ALX568/ALX569/ALX570/ALX571/ALX572/ALX573/ALX574/ALX575/ALX576/ALX577/ALX578/ALX579/ALX580/ALX581/ALX582/ALX583/ALX584/ALX585/ALX586/ALX587/ALX588/ALX589/ALX590/ALX591/ALX592/ALX593/ALX594/ALX595/ALX596/ALX597/ALX598/ALX599/ALX599/ALX600/ALX601/ALX602/ALX603/ALX604/ALX605/ALX606/ALX607/ALX608/ALX609/ALX610/ALX611/ALX612/ALX613/ALX614/ALX615/ALX616/ALX617/ALX618/ALX619/ALX620/ALX621/ALX622/ALX623/ALX624/ALX625/ALX626/ALX627/ALX628/ALX629/ALX630/ALX631/ALX632/ALX633/ALX634/ALX635/ALX636/ALX637/ALX638/ALX639/ALX640/ALX641/ALX642/ALX643/ALX644/ALX645/ALX646/ALX647/ALX648/ALX649/ALX650/ALX651/ALX652/ALX653/ALX654/ALX655/ALX656/ALX657/ALX658/ALX659/ALX660/ALX661/ALX662/ALX663/ALX664/ALX665/ALX666/ALX667/ALX668/ALX669/ALX670/ALX671/ALX672/ALX673/ALX674/ALX675/ALX676/ALX677/ALX678/ALX679/ALX680/ALX681/ALX682/ALX683/ALX684/ALX685/ALX686/ALX687/ALX688/ALX689/ALX690/ALX691/ALX692/ALX693/ALX694/ALX695/ALX696/ALX697/ALX698/ALX699/ALX699/ALX700/ALX701/ALX702/ALX703/ALX704/ALX705/ALX706/ALX707/ALX708/ALX709/ALX710/ALX711/ALX712/ALX713/ALX714/ALX715/ALX716/ALX717/ALX718/ALX71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2: 288 peaks (14.7%)
Forkhead.HG1.5:FOXQ1 | Hlx (ARCH1545_Meis3/Meis2/Meis1...)
Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB... (ARCH895_Foxn4/Foxn1)

3: 232 peaks (11.9%)
Forkhead.HG1.5:FOXQ1 | Homeodomains.HG1.53:MNX1 |
Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB... (ARCH895_Foxn4/Foxn1) Hlx (ARCH1546_Meis3/Meis2/Meis1...)

4: 212 peaks (10.9%)
Forkhead.HG1.5:FOXQ1 | Six4/Six5 |
Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB... (ARCH895_Foxn4/Foxn1) Hlx (ARCH1546_Meis3/Meis2/Meis1...)

5: 200 peaks (10.2%)
Homeodomains.HG1.62:like:MEOX1/MEOX2 | Forkhead.HG1.5:FOXQ1 |
Homeodomains.HG1.65:like:MEOX1/MEOX2 | Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB... (ARCH895_Foxn4/Foxn1)
Six1/ |
Homeodomains.HG1.70:HOXA2/HOXB2/PDX1 |
Homeodomains.HG1.70:HOXA2/HOXB2/PDX1 |
Lbx |
Hoxa10/Hoxb9/Hoxc11/Hoxa9/Hoxd11/Hoxd9/Hoxd... |
Homeodomains.HG1.69:HOXA3/HOXB3/HOXD3 |
Homeodomains.HG1.39:BARHL1/BARHL2 |
Homeodomains.HG1.27:like:AC004080.3/AC01253... |
Dmbx1 |
NVHD033-ANTP |
Alx3/Alx4/Alx1 |
Homeodomains.HG1.70:HOXA2/HOXB2/PDX1 |
BarH-Like3 (ARCH1362_Six1/_Six4/Six5)

6: 196 peaks (10.0%)
Forkhead.HG1.5:FOXQ1 | Elf3/Ehf/Elf5 |
Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB... (ARCH895_Foxn4/Foxn1) Hlx (ARCH1546_Meis3/Meis2/Meis1...)

7: 171 peaks (8.8%)
Forkhead.HG1.5:FOXQ1 | E2F_TDP.HG1.4:E2F1/E2F2/E2F3/E2F6 |
Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB... (ARCH895_Foxn4/Foxn1) E2F_TDP.HG1.4:E2F1/E2F2/E2F3/E2F6 (A)

8: 157 peaks (8.0%)
Homeodomains.HG1.54:like:NOTO | Homeodomains.HG1.53:MNX1 |
VAX-EMX-Like (ARCH1552_Pbx4/Pbx2/Pbx1) Nkx2-2/Nkx2-9 |
Hlx (ARCH1546_Meis3/Meis2/Meis1...)

9: 157 peaks (8.0%)
Forkhead.HG1.5:FOXQ1 | Nkx2-2/Nkx2-9 |
Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB... (ARCH895_Foxn4/Foxn1)

10: 151 peaks (7.7%)
Homeodomains.HG1.54:like:NOTO | Hlx (ARCH1545_Meis3/Meis2/Meis1...)
VAX-EMX-Like (ARCH1552_Pbx4/Pbx2/Pbx1)

11: 115 peaks (5.9%)
Homeodomains.HG1.62:like:MEOX1/MEOX2 | Homeodomains.HG1.54:like:NOTO |
Homeodomains.HG1.65:like:MEOX1/MEOX2 | VAX-EMX-Like (ARCH1552_Pbx4/Pbx2/Pbx1) E2F_TDP.HG1.4:E2F1/E2F2/E2F3/E2F6 |
Six1/ |
Homeodomains.HG1.70:HOXA2/HOXB2/PDX1 |
Homeodomains.HG1.70:HOXA2/HOXB2/PDX1 |
Lbx |
Hoxa10/Hoxb9/Hoxc11/Hoxa9/Hoxd11/Hoxd9/Hoxd... |
Homeodomains.HG1.69:HOXA3/HOXB3/HOXD3 |
Homeodomains.HG1.39:BARHL1/BARHL2 |
Homeodomains.HG1.27:like:AC004080.3/AC01253... |
Dmbx1 |
NVHD033-ANTP |
Alx3/Alx4/Alx1 |
Homeodomains.HG1.70:HOXA2/HOXB2/PDX1 |
BarH-Like3 (ARCH1362_Six1/_Six4/Six5)

12: 101 peaks (5.2%)
Homeodomains.HG1.54:like:NOTO | Elf3/Ehf/Elf5 |
VAX-EMX-Like (ARCH1552_Pbx4/Pbx2/Pbx1) Fli1/Fev (ARCH584_Elf3/Ehf/Elf5_Erg/F...)

13: 100 peaks (5.1%)
Homeodomains.HG1.54:like:NOTO | E2F_TDP.HG1.4:E2F1/E2F2/E2F3/E2F6 |
VAX-EMX-Like (ARCH1552_Pbx4/Pbx2/Pbx1) E2F_TDP.HG1.4:E2F1/E2F2/E2F3/E2F6 |
E2F_TDP.HG1.4:E2F1/E2F2/E2F3/E2F6 (A)

14: 99 peaks (5.1%)
Homeodomains.HG1.54:like:NOTO | Nkx2-2/Nkx2-9 |
VAX-EMX-Like (ARCH1552_Pbx4/Pbx2/Pbx1) Nkx3-2 (ARCH167_Nanog)

15: 98 peaks (5.0%)
Homeodomains.HG1.54:like:NOTO | Hlx (ARCH1545_Meis3/Meis2/Meis1...)
VAX-EMX-Like (ARCH1552_Pbx4/Pbx2/Pbx1) Hlx (ARCH1546_Meis3/Meis2/Meis1...)

16: 97 peaks (5.0%)
Homeodomains.HG1.54:like:NOTO | Hlx (ARCH1546_Meis3/Meis2/Meis1...)
VAX-EMX-Like (ARCH1552_Pbx4/Pbx2/Pbx1) Hlx (ARCH1546_Meis3/Meis2/Meis1...)

17: 93 peaks (4.8%)
Homeodomains.HG1.54:like:NOTO | Six4/Six5 |
VAX-EMX-Like (ARCH1552_Pbx4/Pbx2/Pbx1) Homeodomains.HG2.6:like:AC025287.4/ALX |
Homeodomains.HG1.5:like:AC004080.3/AC01253... |
Homeodomains.HG3.5:like:IRX1/IRX2/IRX3 |
Homeodomains.HG2.11:DUX4/DUXA/DUXB |
Nanog |
Homeodomains.HG1.23:like:HHEX/LBX1/LBX2 |
Pdx1 |
Homeodomains.HG1.23:like:HHEX/LBX1/LBX2 |
Homeodomains.HG1.27:like:AC004080.3/AC01253... |
Homeodomains.HG2.1:like:AC025287.4/ALX |
/Duxbl1//AW822073/Gm4981/Duxf3 |
Homeodomains.HG1.19:NKX2-1/NKX2-2/NKX2-3 |
Homeodomains.HG1.23:like:HHEX/LBX1/LBX2 |
/Duxbl1//AW822073/Duxf3/Gm4981 |
Homeodomains.HG1.5:like:AC004080.3/AC01253... |
Homeodomains.HG2.2:like:AC025287.4/ALX |
/Duxbl1//AW822073/Duxf3/Gm4981 |
Hesx1//Duxbl1/ |
Homeodomains.HG1.23:like:HHEX/LBX1/LBX2 |
Lhx3/Lhx4 |
Homeodomains.HG2.11:DUX4/DUXA/DUXB |
Homeodomains.HG1.5:like:AC004080.3/AC01253... |

18: 79 peaks (4.0%)
Homeodomains.HG1.53:MNX1 | Hlx (ARCH1545_Meis3/Meis2/Meis1...)
Nkx2-2/Nkx2-9 |
Hlx (ARCH1546_Meis3/Meis2/Meis1...)

19: 78 peaks (4.0%)
Homeodomains.HG1.62:like:MEOX1/MEOX2 | HG1.54:like:NOTO | Hlx (ARCH1545_Meis3/Meis2/Meis1...)
Homeodomains.HG1.65:like:MEOX1/MEOX2 | (ARCH1552_Pbx4/Pbx2/Pbx1) FOXA1/FOXA2/FOXA3/FOXB1/FOXB... (A)
Six1/ |
Homeodomains.HG1.70:HOXA2/HOXB2/PDX1 |
Homeodomains.HG1.70:HOXA2/HOXB2/PDX1 |
Lbx |
Hoxa10/Hoxb9/Hoxc11/Hoxa9/Hoxd11/Hoxd9/Hoxd... |
Homeodomains.HG1.69:HOXA3/HOXB3/HOXD3 |
Homeodomains.HG1.39:BARHL1/BARHL2 |
Homeodomains.HG1.27:like:AC004080.3/AC01253... |
Dmbx1 |
NVHD033-ANTP |

gastro_IRF1_2

1: 19 peaks (6.9%)

IRF1-2c |

IRF.HG1.1:IRF1/IRF2/IRF3/IRF4/IRF5/IRF6/IRF... |

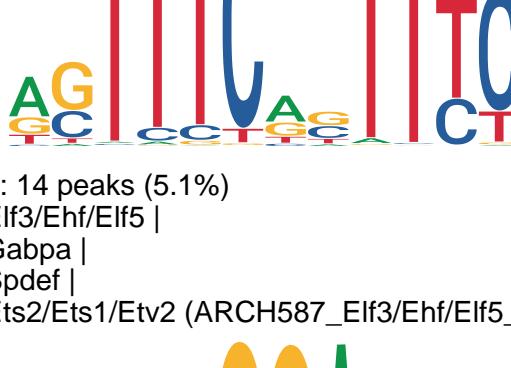
Irf7/Irf4/Irf8/Irf5/Irf9/Irf6/Irf3 (ARCH591_ISRE__IRF3__IRF8)

Elf3/Ehf/Elf5 |

Gabpa |

Spdef |

Ets2/Ets1/Etv2 (ARCH587_Elf3/Ehf/Elf5_Erg/F...)



2: 14 peaks (5.1%)

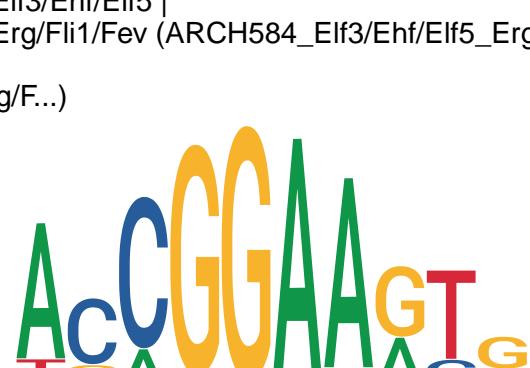
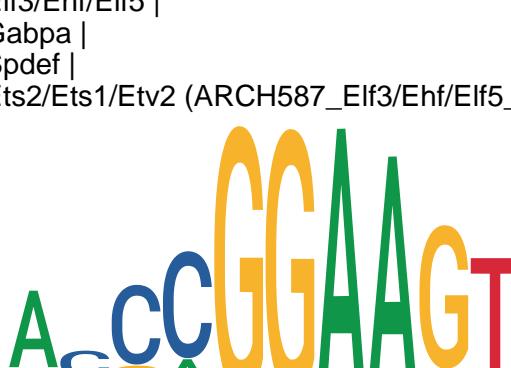
Elf3/Ehf/Elf5 |

Gabpa |

Spdef |

Ets2/Ets1/Etv2 (ARCH587_Elf3/Ehf/Elf5_Erg/F...)

Doublesex_DM.HG1.18:like:DMRT3 (ARCH171_PRDM1)



3: 14 peaks (5.1%)

Elf3/Ehf/Elf5 |

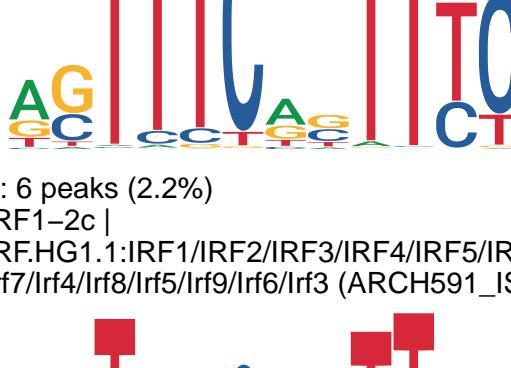
Gabpa |

Spdef |

Ets2/Ets1/Etv2 (ARCH587_Elf3/Ehf/Elf5_Erg/F...)

Elf3/Ehf/Elf5 |

Erg/Fli1/Fev (ARCH584_Elf3/Ehf/Elf5_Erg/F...)



4: 11 peaks (4.0%)

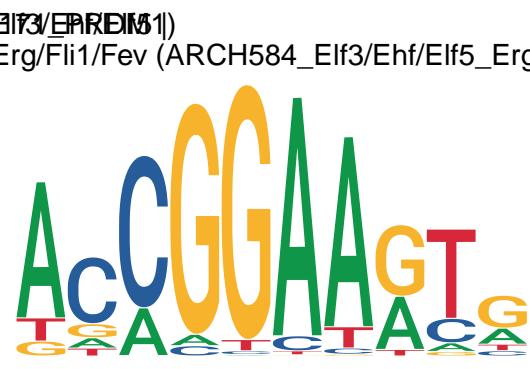
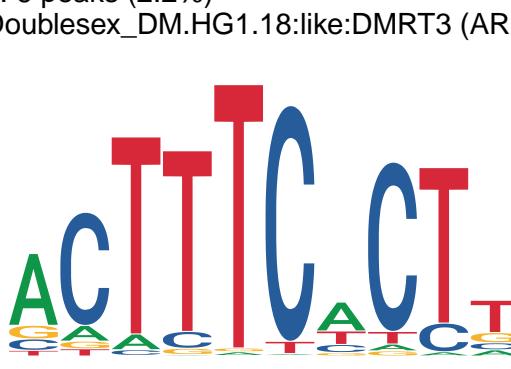
IRF1-2c |

IRF.HG1.1:IRF1/IRF2/IRF3/IRF4/IRF5/IRF6/IRF... |

Irf7/Irf4/Irf8/Irf5/Irf9/Irf6/Irf3 (ARCH591_ISRE__IRF3__IRF8)

Elf3/Ehf/Elf5 |

Fli1/Fev (ARCH584_Elf3/Ehf/Elf5_Erg/F...)



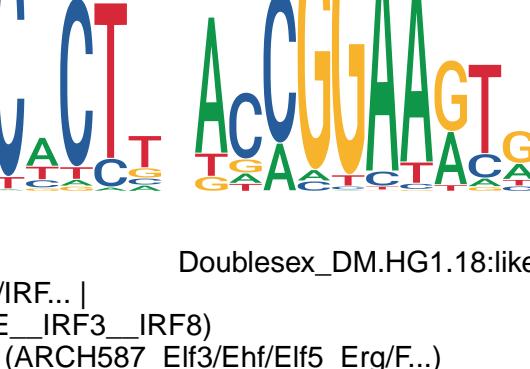
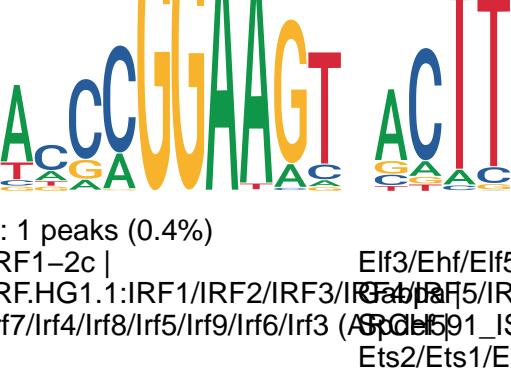
5: 6 peaks (2.2%)

IRF1-2c |

IRF.HG1.1:IRF1/IRF2/IRF3/IRF4/IRF5/IRF6/IRF... |

Irf7/Irf4/Irf8/Irf5/Irf9/Irf6/Irf3 (ARCH591_ISRE__IRF3__IRF8)

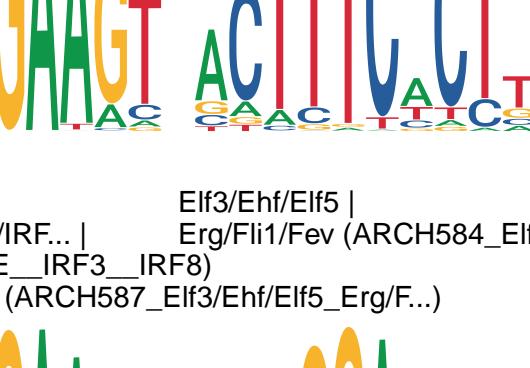
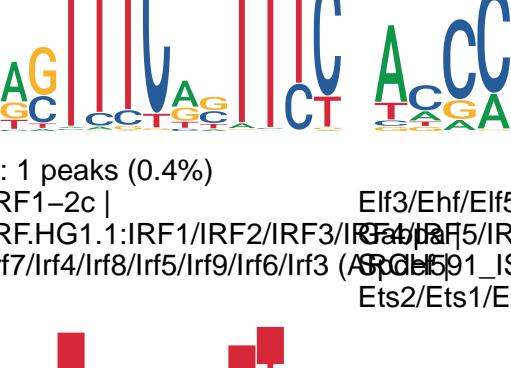
Doublesex_DM.HG1.18:like:DMRT3 (ARCH171_PRDM1)



6: 6 peaks (2.2%)

Doublesex_DM.HG1.18:like:DMRT3 (ARCH171_PRDM1)

Erg/Fli1/Fev (ARCH584_Elf3/Ehf/Elf5_Erg/F...)



7: 3 peaks (1.1%)

Elf3/Ehf/Elf5 |

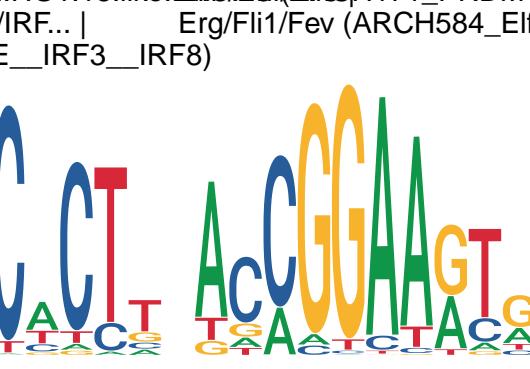
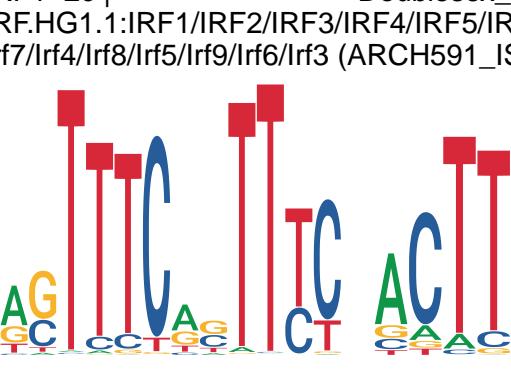
Gabpa |

Spdef |

Ets2/Ets1/Etv2 (ARCH587_Elf3/Ehf/Elf5_Erg/F...)

Doublesex_DM.HG1.18:like:DMRT3 (ARCH171_PRDM1)

Erg/Fli1/Fev (ARCH584_Elf3/Ehf/Elf5_Erg/F...)



8: 1 peaks (0.4%)

IRF1-2c |

IRF.HG1.1:IRF1/IRF2/IRF3/IRF4/IRF5/IRF6/IRF... |

Irf7/Irf4/Irf8/Irf5/Irf9/Irf6/Irf3 (ARCH591_ISRE__IRF3__IRF8)

Doublesex_DM.HG1.18:like:DMRT3 (ARCH171_PRDM1)

Ets2/Ets1/Etv2 (ARCH587_Elf3/Ehf/Elf5_Erg/F...)

9: 1 peaks (0.4%)

IRF1-2c |

IRF.HG1.1:IRF1/IRF2/IRF3/IRF4/IRF5/IRF6/IRF... |

Irf7/Irf4/Irf8/Irf5/Irf9/Irf6/Irf3 (ARCH591_ISRE__IRF3__IRF8)

Elf3/Ehf/Elf5 |

Erg/Fli1/Fev (ARCH584_Elf3/Ehf/Elf5_Erg/F...)

Ets2/Ets1/Etv2 (ARCH587_Elf3/Ehf/Elf5_Erg/F...)

10: 1 peaks (0.4%)

IRF1-2c |

IRF.HG1.1:IRF1/IRF2/IRF3/IRF4/IRF5/IRF6/IRF... |

Irf7/Irf4/Irf8/Irf5/Irf9/Irf6/Irf3 (ARCH591_ISRE__IRF3__IRF8)

Doublesex_DM.HG1.18:like:DMRT3 (ARCH171_PRDM1)

Erg/Fli1/Fev (ARCH584_Elf3/Ehf/Elf5_Erg/F...)

muscle_tentacle_retractor

1: 78 peaks (8.9%)

FoxL2 | Arid3c/Arid3a/Arid3b (ARCH13_Arid2_Arid3)

FoxA/D? (ARCH1102_Foxa3/Foxa1/Foxa2_...)



2: 45 peaks (5.1%)

FoxL2 | zf-C2H2.HG4.4:like:ZIC1/ZIC2/ZIC3/ZIC4/Z

FoxA/D? (ARCH1102_Foxa3/Foxa1/Foxa2_...)



3: 33 peaks (3.8%)

Arid3c/Arid3a/Arid3b (ARCH13_Arid2_Arid3) Pbx4/Pbx2/Pbx1 |

Pbx4/Pbx2/Pbx1 | Homeodomains.HG1.37:NKX6-1/NKX6-2/N



4: 30 peaks (3.4%)

Arid3c/Arid3a/Arid3b (ARCH13_Arid2_Arid3) zf-C2H2.HG4.4:like:ZIC1/ZIC2/ZIC3/ZIC4/Z

zf-C2H2.HG4.4:like:ZIC1/ZIC2/ZIC3/ZIC4/Z



5: 27 peaks (3.1%)

Arid3c/Arid3a/Arid3b (ARCH13_Arid2_Arid3) zf-C2H2.HG4.0:like:GLI1/GLI2/GLI3/GLIS1/

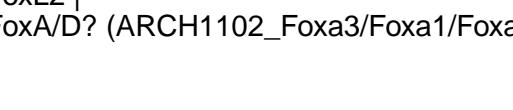
zf-C2H2.HG4.0:like:GLI1/GLI2/GLI3/GLIS1/

zf-C2H2.HG8.0:ZNF576/ZNF683/ZNF891 |

zf-C2H2.HG10.1:ZFP3/ZNF319/ZNF449/ZN

Zfp236/Zfp574/Zfp526 |

Zic-C (ARCH353_M06062_2.00_M06468..)



6: 26 peaks (3.0%)

FoxL2 | Pbx4/Pbx2/Pbx1 |

FoxA/D? (ARCH1102_Foxa3/Foxa1/Foxa2_Homeodomains.HG1.37:NKX6-1/NKX6-2/N



7: 25 peaks (2.8%)

FoxL2 | Mlx (ARCH793_Mlx_Srebf2/Srebf1_Usf3)

FoxA/D? (ARCH1102_Foxa3/Foxa1/Foxa2_...)



8: 24 peaks (2.7%)

Arid3c/Arid3a/Arid3b (ARCH13_Arid2_Arid3) zf-C2H2.HG4.4:like:ZIC1/ZIC2/ZIC3/ZIC4/Z

zf-C2H2.HG4.4:like:ZIC1/ZIC2/ZIC3/ZIC4/Z



9: 19 peaks (2.2%)

FoxL2 | zf-C2H2.HG4.0:like:GLI1/GLI2/GLI3/GLIS1/

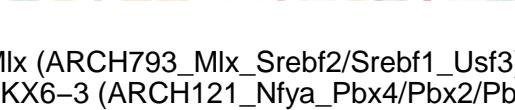
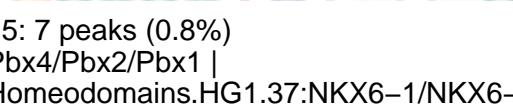
FoxA/D? (ARCH1102_Foxa3/Foxa1/Foxa2_zf-C2H2.HG4.0:like:GLI1/GLI2/GLI3/GLIS1/)

zf-C2H2.HG8.0:ZNF576/ZNF683/ZNF891 |

zf-C2H2.HG10.1:ZFP3/ZNF319/ZNF449/ZN

Zfp236/Zfp574/Zfp526 |

Zic-C (ARCH353_M06062_2.00_M06468..)



10: 15 peaks (1.7%)

Pbx4/Pbx2/Pbx1 | zf-C2H2.HG4.4:like:ZIC1/ZIC2/ZIC3/ZIC4/Z

zf-C2H2.HG4.4:like:ZIC1/ZIC2/ZIC3/ZIC4/Z

Homeodomains.HG1.37:NKX6-1/NKX6-2/NKX6-3 (ARCH121_Nfy_a_Pbx4/Pbx2/Pbx1)



11: 15 peaks (1.7%)

zf-C2H2.HG4.4:like:ZIC1/ZIC2/ZIC3/ZIC4/Z

zf-C2H2.HG4.4:like:ZIC1/ZIC2/ZIC3/ZIC4/Z

Mlx (ARCH793_Mlx_Srebf2/Srebf1_Usf3)



12: 10 peaks (1.1%)

zf-C2H2.HG4.4:like:ZIC1/ZIC2/ZIC3/ZIC4/Z

zf-C2H2.HG4.4:like:ZIC1/ZIC2/ZIC3/ZIC4/Z

zf-C2H2.HG4.4:like:ZIC1/ZIC2/ZIC3/ZIC4/Z

Mlx (ARCH793_Mlx_Srebf2/Srebf1_Usf3)



13: 10 peaks (1.1%)

FoxL2 | Arid3c/Arid3a/Arid3b (ARCH13_Arid2_Arid3)

FoxA/D? (ARCH1102_Foxa3/Foxa1/Foxa2_Homeodomains.HG1.37:NKX6-1/NKX6-2/N

14: 7 peaks (0.8%)

Pbx4/Pbx2/Pbx1 | zf-C2H2.HG4.0:like:GLI1/GLI2/GLI3/GLIS1/

zf-C2H2.HG4.0:like:GLI1/GLI2/GLI3/GLIS1/

zf-C2H2.HG8.0:ZNF576/ZNF683/ZNF891 |

zf-C2H2.HG10.1:ZFP3/ZNF319/ZNF449/ZN

Zfp236/Zfp574/Zfp526 |

Zic-C (ARCH353_M06062_2.00_M06468..)

15: 7 peaks (0.8%)

Pbx4/Pbx2/Pbx1 | zf-C2H2.HG4.0:like:GLI1/GLI2/GLI3/GLIS1/

zf-C2H2.HG4.0:like:GLI1/GLI2/GLI3/GLIS1/

zf-C2H2.HG8.0:ZNF576/ZNF683/ZNF891 |

zf-C2H2.HG10.1:ZFP3/ZNF319/ZNF449/ZN

Zfp236/Zfp574/Zfp526 |

Zic-C (ARCH353_M06062_2.00_M06468..)

16: 7 peaks (0.8%)

FoxL2 | Arid3c/Arid3a/Arid3b (ARCH13_Arid2_Arid3)

FoxA/D? (ARCH1102_Foxa3/Foxa1/Foxa2_Homeodomains.HG1.37:NKX6-1/NKX6-2/N

17: 6 peaks (0.7%)

FoxL2 | Arid3c/Arid3a/Arid3b (ARCH13_Arid2_Arid3)

FoxA/D? (ARCH1102_Foxa3/Foxa1/Foxa2_Homeodomains.HG1.37:NKX6-1/NKX6-2/N

18: 5 peaks (0.6%)

zf-C2H2.HG1.35:FEZF1/FEZF2/GFI1/GFI1

zf-C2H2.HG4.0:like:GLI1/GLI2/GLI3/GLIS1/

zf-C2H2.HG8.0:ZNF576/ZNF683/ZNF891 |

zf-C2H2.HG10.1:ZFP3/ZNF319/ZNF449/ZN

Zfp236/Zfp574/Zfp526 |

Zic-C (ARCH353_M06062_2.00_M06468..)

19: 5 peaks (0.6%)

FoxL2 | Arid3c/Arid3a/Arid3b (ARCH13_Arid2_Arid3)

FoxA/D? (ARCH1102_Foxa3/Foxa1/Foxa2_Homeodomains.HG1.37:NKX6-1/NKX6-2/N

20: 5 peaks (0.6%)

FoxL2 | Pbx4/Pbx2/Pbx1 | zf-C2H2.HG4.4:like:ZIC1/ZIC

FoxA/D? (ARCH1102_Foxa3/Foxa1/Foxa2_Homeodomains.HG1.37:NKX6-1/NKX6-2/NKX6-3 (ARCH

/Duxbl1//AW822073/Gm4981/Duxf3 |
Homeodomains.HG1.19:NKX2-1/NKX2-2/N
Homeodomains.HG1.23:like:HHEX/LBX1/LB
/Duxbl1//AW822073/Duxf3/Gm4981 |
Homeodomains.HG1.5:like:AC004080.3/AC0
Homeodomains.HG2.2:like:AC025287.4/ALX
/Duxbl1//AW822073/Duxf3/Gm4981 |
Hesx1//Duxbl1/ |
Homeodomains.HG1.23:like:HHEX/LBX1/LB
Lhx3/Lhx4 |
Homeodomains.HG2.11:DUX4/DUXA/DUXB
Homeodomains.HG1.5:like:AC004080.3/AC0

Six4/Six5 |
Homeodomains.HG2.6:like:AC025287.4/ALX
Homeodomains.HG1.5:like:AC004080.3/AC0
Homeodomains.HG3.5:like:IRX1/IRX2/IRX3/
Homeodomains.HG2.11:DUX4/DUXA/DUXB

Pdx1 |
Homeodomains.HG1.23:like:HHEX/LBX1/LB
Homeodomains.HG1.23:like:HHEX/LBX1/LB
Homeodomains.HG1.27:like:AC004080.3/AC
Homeodomains.HG2.1:like:AC025287.4/ALX
/Duxbl1//AW822073/Gm4981/Duxf3 |
Homeodomains.HG1.19:NKX2-1/NKX2-2/N
Homeodomains.HG1.23:like:HHEX/LBX1/LB
/Duxbl1//AW822073/Duxf3/Gm4981 |
Homeodomains.HG1.5:like:AC004080.3/AC
Homeodomains.HG2.2:like:AC025287.4/ALX
/Duxbl1//AW822073/Duxf3/Gm4981 |
Hesx1//Duxbl1/ |
Homeodomains.HG1.23:like:HHEX/LBX1/LB
Lhx3/Lhx4 |
Homeodomains.HG2.11:DUX4/DUXA/DUXB
Homeodomains.HG1.5:like:AC004080.3/AC

G1.5:FOXQ1 | Six4/Six5 |
Pbx1/FOXA1/FOXA2/FOXA3/FOXB/G/FOXBe:AC
Homeodomains.HG1.5:like:AC
Homeodomains.HG3.5:like:IR
Homeodomains.HG2.11:DUX-
Nanog |

Pax1 |
Homeodomains.HG1.23:like:H
Homeodomains.HG1.23:like:H
Homeodomains.HG1.27:like:A
Homeodomains.HG2.1:like:AC
/Duxbl1//AW822073/Gm4981/
Homeodomains.HG1.19:NKX2
Homeodomains.HG1.23:like:H
/Duxbl1//AW822073/Duxf3/Gm
Homeodomains.HG1.5:like:AC
Homeodomains.HG2.2:like:AC
/Duxbl1//AW822073/Duxf3/Gm

		Homeodomains.HG1.23:like:H Lhx3/Lhx4 Homeodomains.HG2.11:DUX- Homeodomains.HG1.5:like:AC
11: 32 peaks (4.4%)	Nkx2-2/Nkx2-9 Nkx3-2 (ARCH167_Nanog)	Homeodomains.HG1.54:like:NOTO VAx-EMX-Like (ARCH1552_Pbx14_Pbx12_Pbx11) FOXA1/FOXA1
12: 30 peaks (4.1%)	Forkhead.HG1.5:FOXQ1 Forkhead.HG1.1:FOXA1/FOXA1	Homeodomains.HG1.53:MNX1x4/Six5 FOXA1/FOXA1 FOXM1x2/FOXB1/FOXB1... (ARCH1546_Hlx) FOXA1/FOXA1 Hlx (ARCH1546_Meis3/Meis3) Meis1/Meis1 Homeodomains.HG1.5:like:AC
		Homeodomains.HG3.5:like:IR- Homeodomains.HG2.11:DUX- Nanog Homeodomains.HG1.23:like:H Pdx1 Homeodomains.HG1.23:like:H Homeodomains.HG1.23:like:H Homeodomains.HG1.27:like:A Homeodomains.HG2.1:like:AC /Duxbl1//AW822073/Gm4981/ Homeodomains.HG1.19:NKX2 Homeodomains.HG1.23:like:H /Duxbl1//AW822073/Duxf3/Gm Homeodomains.HG1.5:like:AC Homeodomains.HG2.2:like:AC /Duxbl1//AW822073/Duxf3/Gm

Homeodomains.HG1.23:like:H
Lhx3/Lhx4 |
Homeodomains.HG2.11:DUX4
Homeodomains.HG1.5:like:AC

13: 28 peaks (3.9%
Nkx2-2/Nkx2-9 |

	Nkx3-2 (ARCH167_Nanog)	Nkx2-2/Nkx2-9 Hlx (ARCH1546_Meis3/Meis2/Meis1_...)
14: 20 peaks (2.8%)	Nkx2-2/Nkx2-9	Forkhead HC1.5;FOXQ1 Homeodomains HC1.5;MNY

NKX2-2/NKX2-9 |
Nkx3-2 (ARCH167)

15: 19 peaks (2.6%)
Nkx2-2/Nkx2-9 | Homeodomains.HG1.54:like:~~Not~~odomains.HG1.53:MXN
Nkx3-2 (ARCH167_Nanog) VAX-EMX-Like (ARCH1552_N~~Nkx2-2/PDX2/PDX1~~)
Hlx (ARCH1546_Meis3/Meis2)

16: 15 peaks (2.1%)
Nkx2-2/Nkx2-9 | Homeodomains.HG1.54:like:~~Not~~odomains.HG1.53:FOXA1
Nkx3-2 (ARCH167_Nanog) EMX-Like (ARCH1552_N~~Nkx2-2/PDX2/PDX1~~)
Hlx (ARCH1546_Meis3/Meis2)

17: 12 peaks (1.7%)

Homeodomains.HG VAX-EMX-Like (AR)

Hlx (ARCH1546_Meis3/Meis2)
Homeodomains.HG1.5:like:AC
Homeodomains.HG3.5:like:IR
Homeodomains.HG2.11:DUX
Nanog |

Pax1 |
Homeodomains.HG1.23:like:H
Homeodomains.HG1.23:like:H
Homeodomains.HG1.27:like:A
Homeodomains.HG2.1:like:AC
/Duxbl1//AW822073/Gm4981/
Homeodomains.HG1.19:NKX2
Homeodomains.HG1.23:like:H
/Duxbl1//AW822073/Duxf3/Gm
Homeodomains.HG1.5:like:AC
Homeodomains.HG2.2:like:AC
/Duxbl1//AW822073/Duxf3/Gm

Homeodomains.HG1.23:like:H
Lhx3/Lhx4 |
Homeodomains.HG2.11:DUX
Homeodomains.HG1.5:like:AC

digestive_filaments_1

1: 327 peaks (43.4%)

Gsc2/Gsc//Obox1/Obox7/Obox2 (ARCH1633b_M0216_HG106) FOXQ1 | Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB... (ARCH11895_Foxn4/Foxn1)

2: 102 peaks (13.5%)

Gsc2/Gsc//Obox1/Obox7/Obox2 (ARCH1633b_M0216_HG106) FOXQ1 | Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB... (ARCH11895_Foxn4/Foxn1)

3: 102 peaks (13.5%)

Forkhead.HG1.5:FOXQ1 | HMGbox_Sox.HG1.37:like:SSRP1 (ARCH11895_Foxn4/Foxn1) Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB... (ARCH11895_Foxn4/Foxn1)

4: 71 peaks (9.4%)

Gsc2/Gsc//Obox1/Obox7/Obox2 (ARCH1633b_M0216_HG135) FOXQ1 | Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB... (ARCH11895_Foxn4/Foxn1)

Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB... (ARCH11895_Foxn4/Foxn1)

5: 68 peaks (9.0%)

Gsc2/Gsc//Obox1/Obox7/Obox2 (ARCH1633b_M0216_HG2.00) Homeodomains.HG1.47:like:MSX1/MSX2 |

Pitx3/Pitx2/Pitx1 |

Homeodomains.HG1.47:like:MSX1/MSX2 |

Homeodomains.HG2.77:like:DMBX1 |

Cstf1 |

Esx1 |

Homeodomains.HG2.73:like:DMBX1 (ARCH11895_Foxn4/Foxn1)

6: 58 peaks (7.7%)

Gsc2/Gsc//Obox1/Obox7/Obox2 (ARCH1633b_M0216_HG1.09) Fox:Ebox)

7: 58 peaks (7.7%)

Forkhead.HG1.5:FOXQ1 | Gbx1/Gbx2 |

Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB... (ARCH11895_Foxn4/Foxn1)

Homeodomains.HG1.47:like:MSX1/MSX2 |

Pitx3/Pitx2/Pitx1 |

Homeodomains.HG1.47:like:MSX1/MSX2 |

Homeodomains.HG2.77:like:DMBX1 |

Cstf1 |

Esx1 |

Homeodomains.HG2.73:like:DMBX1 (ARCH11895_Foxn4/Foxn1)

8: 54 peaks (7.2%)

Forkhead.HG1.5:FOXQ1 | FoxA (ARCH1291_Fox:Ebox)

Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB... (ARCH11895_Foxn4/Foxn1)

9: 41 peaks (5.4%)

Gsc2/Gsc//Obox1/Obox7/Obox2 (ARCH1633b_M0216_HG135) FOXQ1 | FoxA (ARCH1291_Fox:Ebox)

Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB... (ARCH11895_Foxn4/Foxn1)

Pitx3/Pitx2/Pitx1 |

Homeodomains.HG1.47:like:MSX1/MSX2 |

Homeodomains.HG2.77:like:DMBX1 |

Cstf1 |

Esx1 |

Homeodomains.HG2.73:like:DMBX1 (ARCH11895_Foxn4/Foxn1)

10: 34 peaks (4.5%)

Gsc2/Gsc//Obox1/Obox7/Obox2 (ARCH1633b_M0216_HG135) FOXQ1 | FoxA (ARCH1291_Fox:Ebox)

Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB... (ARCH11895_Foxn4/Foxn1)

11: 19 peaks (2.5%)

HMGbox_Sox.HG1.37:like:SSRP1 (ARCH1633b_M0216_HG1177) FoxA (ARCH1291_Fox:Ebox)

Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB... (ARCH11895_Foxn4/Foxn1)

Pitx3/Pitx2/Pitx1 |

Homeodomains.HG1.47:like:MSX1/MSX2 |

Homeodomains.HG2.77:like:DMBX1 |

Cstf1 |

Esx1 |

Homeodomains.HG2.73:like:DMBX1 (ARCH11895_Foxn4/Foxn1)

12: 11 peaks (1.5%)

FoxA (ARCH1291_Fox:Ebox)

13: 11 peaks (1.5%)

Gsc2/Gsc//Obox1/Obox7/Obox2 (ARCH1633b_M0216_HG1177) FoxA (ARCH1291_Fox:Ebox)

Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB... (ARCH11895_Foxn4/Foxn1)

Pitx3/Pitx2/Pitx1 |

Homeodomains.HG1.47:like:MSX1/MSX2 |

Homeodomains.HG2.77:like:DMBX1 |

Cstf1 |

Esx1 |

Homeodomains.HG2.73:like:DMBX1 (ARCH11895_Foxn4/Foxn1)

14: 9 peaks (1.2%)

FoxA (ARCH1291_Fox:Ebox)

15: 8 peaks (1.1%)

Forkhead.HG1.5:FOXQ1 | HMGbox_Sox.HG1.37:like:SSRP1 (ARCH11895_Foxn4/Foxn1)

Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB... (ARCH11895_Foxn4/Foxn1)

Pitx3/Pitx2/Pitx1 |

Homeodomains.HG1.47:like:MSX1/MSX2 |

Homeodomains.HG2.77:like:DMBX1 |

Cstf1 |

Esx1 |

Homeodomains.HG2.73:like:DMBX1 (ARCH11895_Foxn4/Foxn1)

16: 6 peaks (0.8%)

Gsc2/Gsc//Obox1/Obox7/Obox2 (ARCH1633b_M0216_HG106) FoxA (ARCH1291_Fox:Ebox)

Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB... (ARCH11895_Foxn4/Foxn1)

Pitx3/Pitx2/Pitx1 |

Homeodomains.HG1.47:like:MSX1/MSX2 |

Homeodomains.HG2.77:like:DMBX1 |

Cstf1 |

Esx1 |

Homeodomains.HG2.73:like:DMBX1 (ARCH11895_Foxn4/Foxn1)

17: 6 peaks (0.8%)

Gsc2/Gsc//Obox1/Obox7/Obox2 (ARCH1633b_M0216_HG106) FoxA (ARCH1291_Fox:Ebox)

Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB... (ARCH11895_Foxn4/Foxn1)

Pitx3/Pitx2/Pitx1 |

Homeodomains.HG1.47:like:MSX1/MSX2 |

Homeodomains.HG2.77:like:DMBX1 |

Cstf1 |

Esx1 |

Homeodomains.HG2.73:like:DMBX1 (ARCH11895_Foxn4/Foxn1)

18: 6 peaks (0.8%)

Forkhead.HG1.5:FOXQ1 | FoxA (ARCH1291_Fox:Ebox)

Gbx1/Gbx2 |

Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB... (ARCH11895_Foxn4/Foxn1)

Pitx3/Pitx2/Pitx1 |

Homeodomains.HG1.47:like:MSX1/MSX2 |

Homeodomains.HG2.77:like:DMBX1 |

Cstf1 |

Esx1 |

Homeodomains.HG2.73:like:DMBX1 (ARCH11895_Foxn4/Foxn1)

19: 6 peaks (0.8%)

Gsc2/Gsc//Obox1/Obox7/Obox2 (ARCH1633b_M0216_HG106) FoxA (ARCH1291_Fox:Ebox)

Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB... (ARCH11895_Foxn4/Foxn1)

Pitx3/Pitx2/Pitx1 |

Homeodomains.HG1.47:like:MSX1/MSX2 |

Homeodomains.HG2.77:like:DMBX1 |

Cstf1 |

Esx1 |

Homeodomains.HG2.73:like:DMBX1 (ARCH11895_Foxn4/Foxn1)

20: 5 peaks (0.7%)

Forkhead.HG1.5:FOXQ1 | FoxA (ARCH1291_Fox:Ebox)

HMGbox_Sox.HG1.37:like:SSRP1 (ARCH11895_Foxn4/Foxn1)

Pitx3/Pitx2/Pitx1 |

Homeodomains.HG1.47:like:MSX1/MSX2 |

Homeodomains.HG2.77:like:DMBX1 |

Cstf1 |

Esx1 |

Homeodomains.HG2.73:like:DMBX1 (ARCH11895_Foxn4/Foxn1)

digestive_filaments_3

1: 181 peaks (22.9%)

Homeodomains.HG1.53:MNX1 |
Nkx2-2/Nkx2-9 |
Hlx (ARCH1546_Meis3/Meis2/Meis1_...)

Forkhead.HG1.5:FOXQ1 |

Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FO

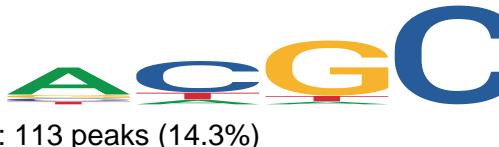


2: 152 peaks (19.2%)

Forkhead.HG1.5:FOXQ1 |

Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FO

Gsc2/Gsc//Obox1/Obox7/Obox2 (ARCH1633



3: 135 peaks (17.0%)

Forkhead.HG1.5:FOXQ1 |

Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FO

FoxA (ARCH1291_Fox:Ebox)

Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FO



4: 113 peaks (14.3%)

Forkhead.HG1.5:FOXQ1 |

Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FO

HMGbox_Sox.HG1.37:like:SSRP1 (ARCH11

Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FO



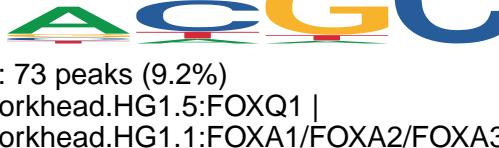
5: 95 peaks (12.0%)

Forkhead.HG1.5:FOXQ1 |

Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FO

Pbx4/Pbx2/Pbx1 |

Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FO



6: 83 peaks (10.5%)

Homeodomains.HG1.53:MNX1 |

Nkx2-2/Nkx2-9 |

Hlx (ARCH1546_Meis3/Meis2/Meis1_...)

Gsc2/Gsc//Obox1/Obox7/Obox2 (ARCH1633



7: 81 peaks (10.2%)

Forkhead.HG1.5:FOXQ1 |

Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FO

Homeodomains.HG2.76:like:DMBX1 (ARCH

Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FO



8: 73 peaks (9.2%)

Forkhead.HG1.5:FOXQ1 |

Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FO

Hlx (ARCH1545_Meis3/Meis2/Meis1_...)

Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FO



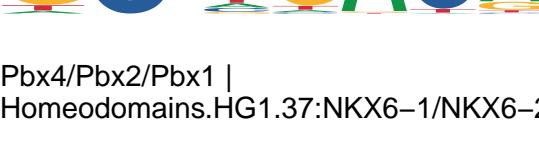
9: 69 peaks (8.7%)

Homeodomains.HG1.53:MNX1 |

Nkx2-2/Nkx2-9 |

Hlx (ARCH1546_Meis3/Meis2/Meis1_...)

FoxA (ARCH1291_Fox:Ebox)



10: 64 peaks (8.1%)

Forkhead.HG1.5:FOXQ1 |

Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FO

Forkhead.HG1.13:like:FOXN1/FOXN2/FOXN

Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FO



11: 63 peaks (8.0%)

FoxA (ARCH1291_Fox:Ebox)

Gsc2/Gsc//Obox1/Obox7/Obox2 (ARCH1633



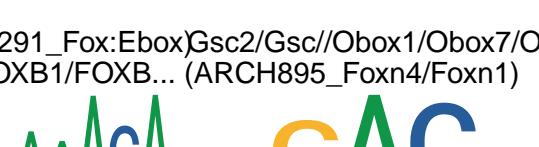
12: 61 peaks (7.7%)

Homeodomains.HG1.53:MNX1 |

Nkx2-2/Nkx2-9 |

Hlx (ARCH1546_Meis3/Meis2/Meis1_...)

HMGbox_Sox.HG1.37:like:SSRP1 (ARCH11



13: 53 peaks (6.7%)

Homeodomains.HG1.53:MNX1 |

Nkx2-2/Nkx2-9 |

Hlx (ARCH1546_Meis3/Meis2/Meis1_...)

Forkhead.HG1.5:FOXQ1 |

Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FO



14: 52 peaks (6.6%)

Homeodomains.HG1.53:MNX1 |

Nkx2-2/Nkx2-9 |

Hlx (ARCH1546_Meis3/Meis2/Meis1_...)

Pbx4/Pbx2/Pbx1 |

Homeodomains.HG1.37:NKX6-1/NKX6-2/N

15: 52 peaks (6.6%)

Homeodomains.HG1.53:MNX1 |

Nkx2-2/Nkx2-9 |

Hlx (ARCH1546_Meis3/Meis2/Meis1_...)

Homeodomains.HG2.76:like:DMBX1 (ARCH

Forkhead.HG1.13:like:FOXN1/FOXN2/FOXN

16: 52 peaks (6.6%)

HMGbox_Sox.HG1.37:like:SSRP1 (ARCH11

Gsc2/Gsc//Obox1/Obox7/Obox2 (ARCH1633

17: 50 peaks (6.3%)

Homeodomains.HG1.53:MNX1 |

Nkx2-2/Nkx2-9 |

Hlx (ARCH1546_Meis3/Meis2/Meis1_...)

FoxA (ARCH1291_Fox:Ebox)

HMGbox_Sox.HG1.37:like:SSRP1 (ARCH11

18: 42 peaks (5.3%)

Forkhead.HG1.5:FOXQ1 |

FoxA (ARCH1291_Fox:Ebox)

Gsc2/Gsc//Obox1/Obox7/Obox2 (ARCH1633

Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FO

19: 39 peaks (4.9%)

Pbx4/Pbx2/Pbx1 |

Homeodomains.HG1.37:NKX6-1/NKX6-2/NKX6-3 (ARCH121_NfyA_Pbx4/Pbx2/Pbx1)

FoxA (ARCH1291_Fox:Ebox)

HMGbox_Sox.HG1.37:NKX6-1/NKX6-2/NKX6-3 (ARCH121_NfyA_Pbx4/Pbx2/Pbx1)

20: 38 peaks (4.8%)

Homeodomains.HG1.53:MNX1 |

Nkx2-2/Nkx2-9 |

Hlx (ARCH1546_Meis3/Meis2/Meis1_...)

FoxA (ARCH1291_Fox:Ebox)

HMGbox_Sox.HG1.37:NKX6-1/NKX6-2/NKX6-3 (ARCH121_NfyA_Pbx4/Pbx2/Pbx1)

epidermis_1

1: 26 peaks (3.4%)

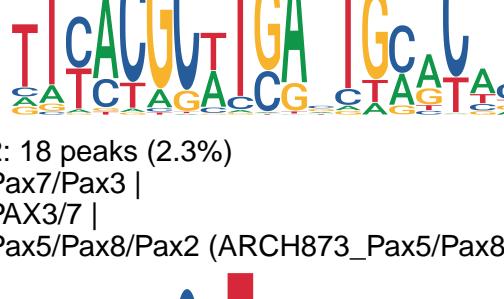
Pax7/Pax3 |

PAX3/7 |

Pax5/Pax8/Pax2 (ARCH873_Pax5/Pax8/Pax2)

Forkhead.HG1.31:like:FOXO1/FOXO3/FOX...

FoxQ2d (ARCH1397_RB Fox2_OCT:OCT-s)



2: 18 peaks (2.3%)

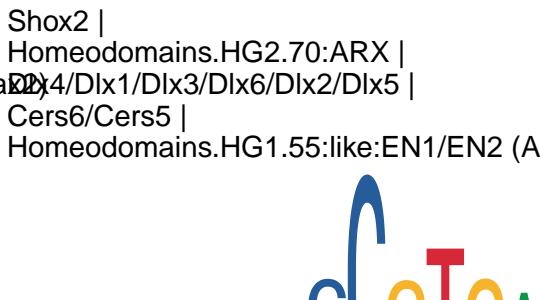
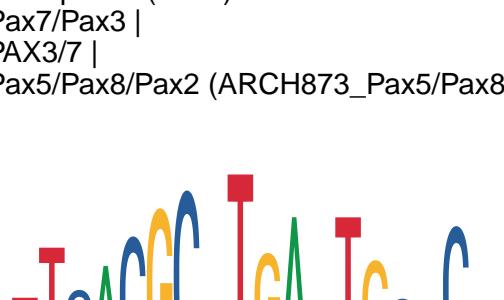
Pax7/Pax3 |

PAX3/7 |

Pax5/Pax8/Pax2 (ARCH873_Pax5/Pax8/Pax2)

Nkx-2.2a |

Tgif1/Tgif2 (ARCH1502_Meis3/Meis2/Meis1)



3: 17 peaks (2.2%)

Pax7/Pax3 |

PAX3/7 |

Pax5/Pax8/Pax2 (ARCH873_Pax5/Pax8/Pax2)

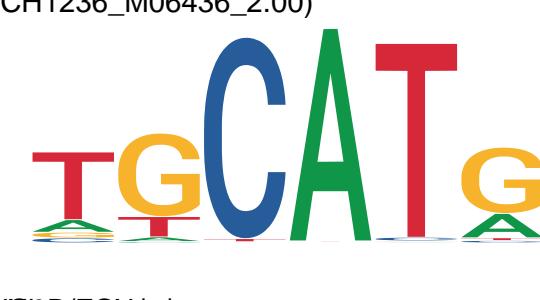
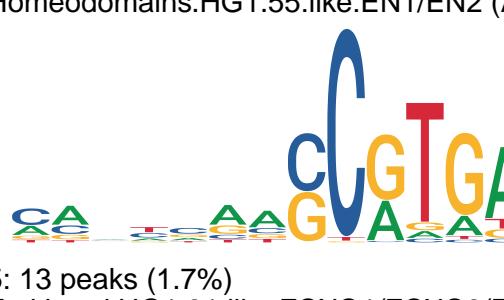
Shox2 |

Homeodomains.HG2.70:ARX |

Dlx4/Dlx1/Dlx3/Dlx6/Dlx2/Dlx5 |

Cers6/Cers5 |

Homeodomains.HG1.55:like:EN1/EN2 (ARC



4: 17 peaks (2.2%)

Shox2 |

Homeodomains.HG2.70:ARX |

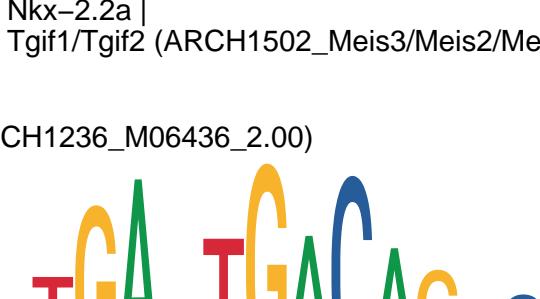
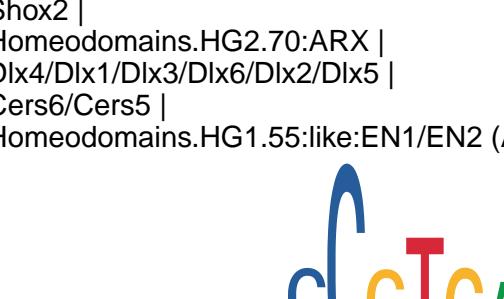
Dlx4/Dlx1/Dlx3/Dlx6/Dlx2/Dlx5 |

Cers6/Cers5 |

Homeodomains.HG1.55:like:EN1/EN2 (ARCH1236_M06436_2.00)

Forkhead.HG1.31:like:FOXO1/FOXO3/FOX...

FoxQ2d (ARCH1397_RB Fox2_OCT:OCT-s)

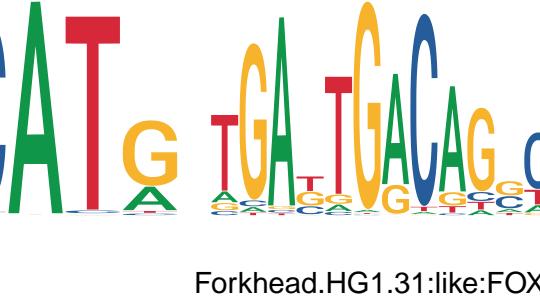
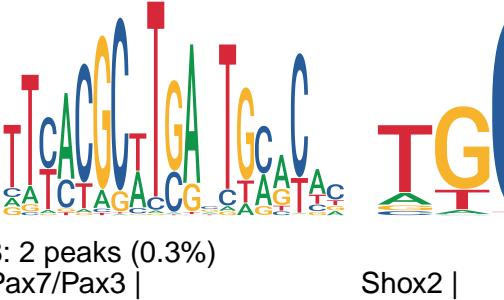


5: 13 peaks (1.7%)

Forkhead.HG1.31:like:FOXO1/FOXO3/FOX...

FoxQ2d (ARCH1397_RB Fox2_OCT:OCT-s)

Tgif1/Tgif2 (ARCH1502_Meis3/Meis2/Meis1)



6: 5 peaks (0.6%)

Shox2 |

Homeodomains.HG2.70:ARX |

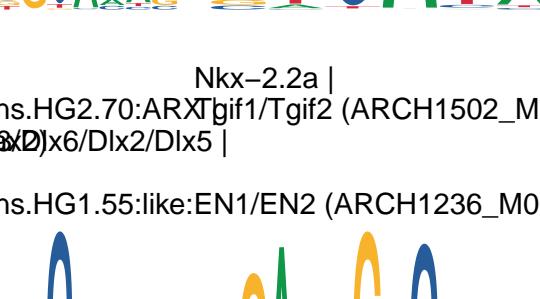
Dlx4/Dlx1/Dlx3/Dlx6/Dlx2/Dlx5 |

Cers6/Cers5 |

Homeodomains.HG1.55:like:EN1/EN2 (ARCH1236_M06436_2.00)

Nkx-2.2a |

Tgif1/Tgif2 (ARCH1502_Meis3/Meis2/Meis1)



7: 3 peaks (0.4%)

Pax7/Pax3 |

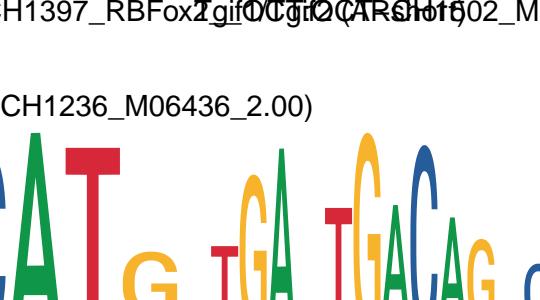
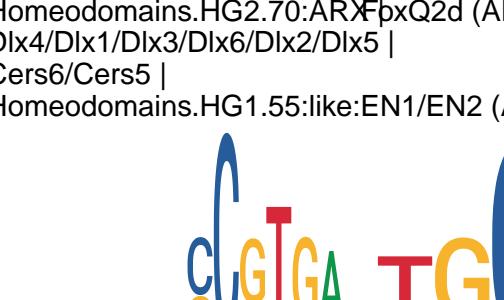
PAX3/7 |

Pax5/Pax8/Pax2 (ARCH873_Pax5/Pax8/Pax2)

Forkhead.HG1.31:like:FOXO1/FOXO3B/FOX... |

FoxQ2d (ARCH1397_RB Fox2_OCT:OCT-s)

Tgif1/Tgif2 (ARCH1502_Meis3/Meis2/Meis1)



8: 2 peaks (0.3%)

Pax7/Pax3 |

PAX3/7 |

Pax5/Pax8/Pax2 (ARCH873_Pax5/Pax8/Pax2)

Shox2 |

Homeodomains.HG2.70:ARX |

FoxQ2d (ARCH1397_RB Fox2_OCT:OCT-s)

Dlx4/Dlx1/Dlx3/Dlx6/Dlx2/Dlx5 |

Cers6/Cers5 |

Homeodomains.HG1.55:like:EN1/EN2 (ARCH1236_M06436_2.00)



9: 2 peaks (0.3%)

Pax7/Pax3 |

PAX3/7 |

Pax5/Pax8/Pax2 (ARCH873_Pax5/Pax8/Pax2)

Shox2 |

Homeodomains.HG2.70:ARX |

FoxQ2d (ARCH1397_RB Fox2_OCT:OCT-s)

Tgif1/Tgif2 (ARCH1502_Meis3/Meis2/Meis1)

Cers6/Cers5 |

Homeodomains.HG1.55:like:EN1/EN2 (ARCH1236_M06436_2.00)

10: 1 peaks (0.1%)

Shox2 |

Homeodomains.HG2.70:ARX |

FoxQ2d (ARCH1397_RB Fox2_OCT:OCT-s)

Dlx4/Dlx1/Dlx3/Dlx6/Dlx2/Dlx5 |

Cers6/Cers5 |

Homeodomains.HG1.55:like:EN1/EN2 (ARCH1236_M06436_2.00)

Forkhead.HG1.31:like:FOXO1/FOXO3B/FOX... |

FoxQ2d (ARCH1397_RB Fox2_OCT:OCT-s)

Tgif1/Tgif2 (ARCH1502_Meis3/Meis2/Meis1)

Dlx4/Dlx1/Dlx3/Dlx6/Dlx2/Dlx5 |

Cers6/Cers5 |

Homeodomains.HG1.55:like:EN1/EN2 (ARCH1236_M06436_2.00)

11: 1 peaks (0.1%)

Pax7/Pax3 |

PAX3/7 |

Pax5/Pax8/Pax2 (ARCH873_Pax5/Pax8/Pax2)

Shox2 |

Homeodomains.HG2.70:ARX |

FoxQ2d (ARCH1397_RB Fox2_OCT:OCT-s)

Tgif1/Tgif2 (ARCH1502_Meis3/Meis2/Meis1)

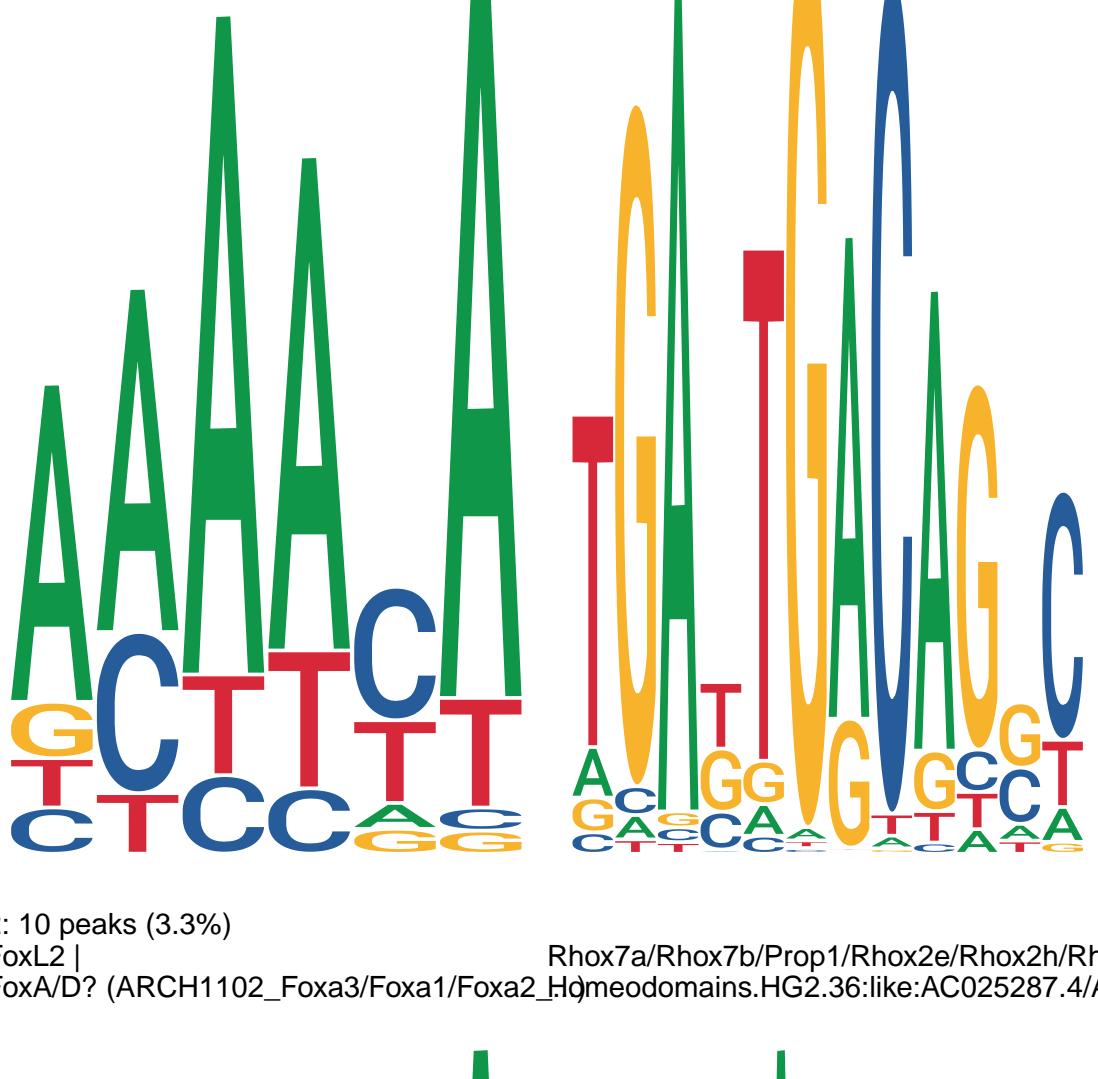
Cers6/Cers5 |

Homeodomains.HG1.55:like:EN1/EN2 (ARCH1236_M06436_2.00)

precursors_PGC

1: 17 peaks (5.5%)

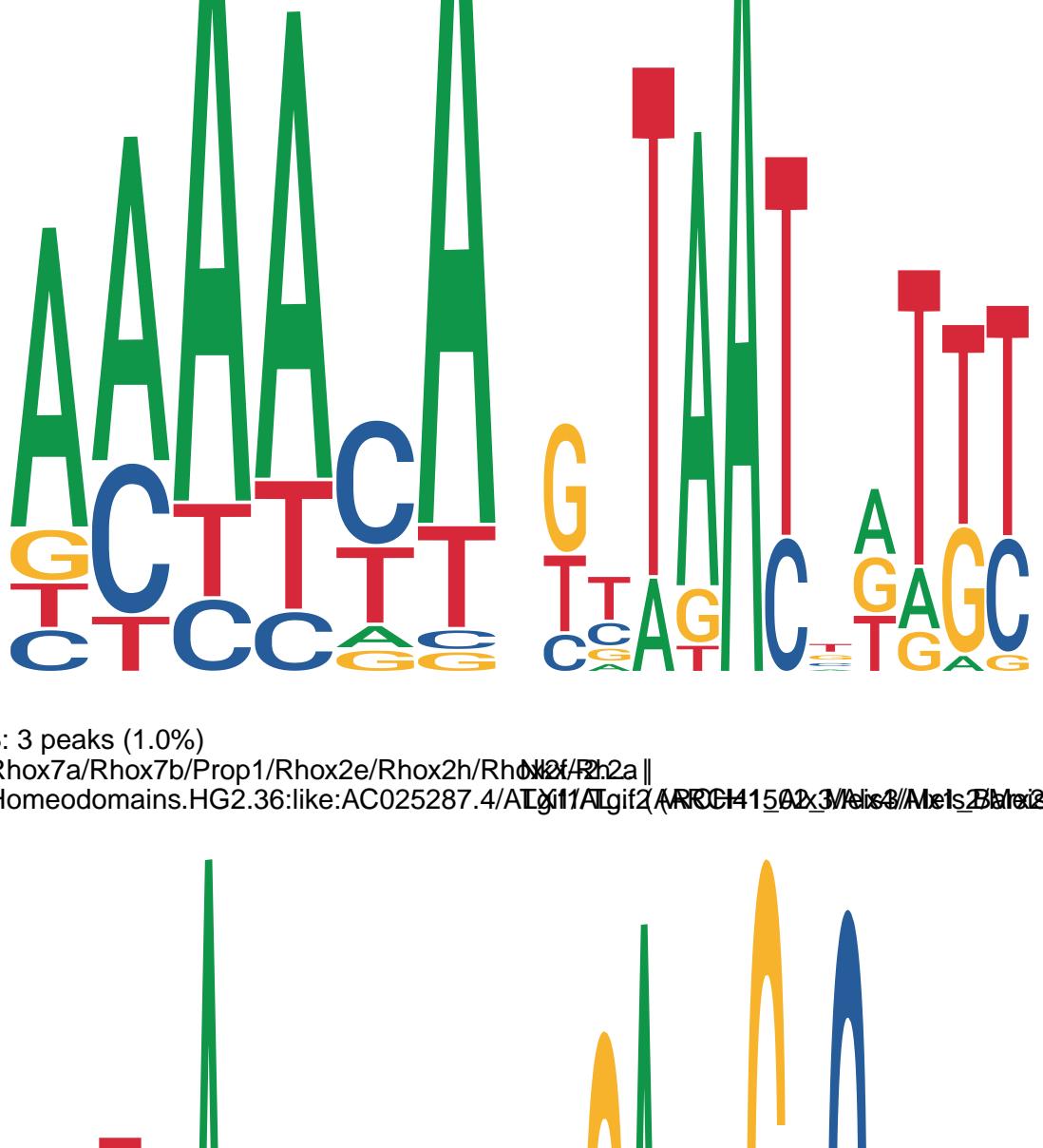
FoxL2 | Nkx-2.2a |
FoxA/D? (ARCH1102_Foxa3/Foxa1/Foxa2_Tgf1/Tgf2 (ARCH1502_Meis3/Meis2/Meis1)



2: 10 peaks (3.3%)

FoxL2 | Rox7a/Rox7b/Prop1/Rox2e/Rox2h/Rox2f/Rox2a ||

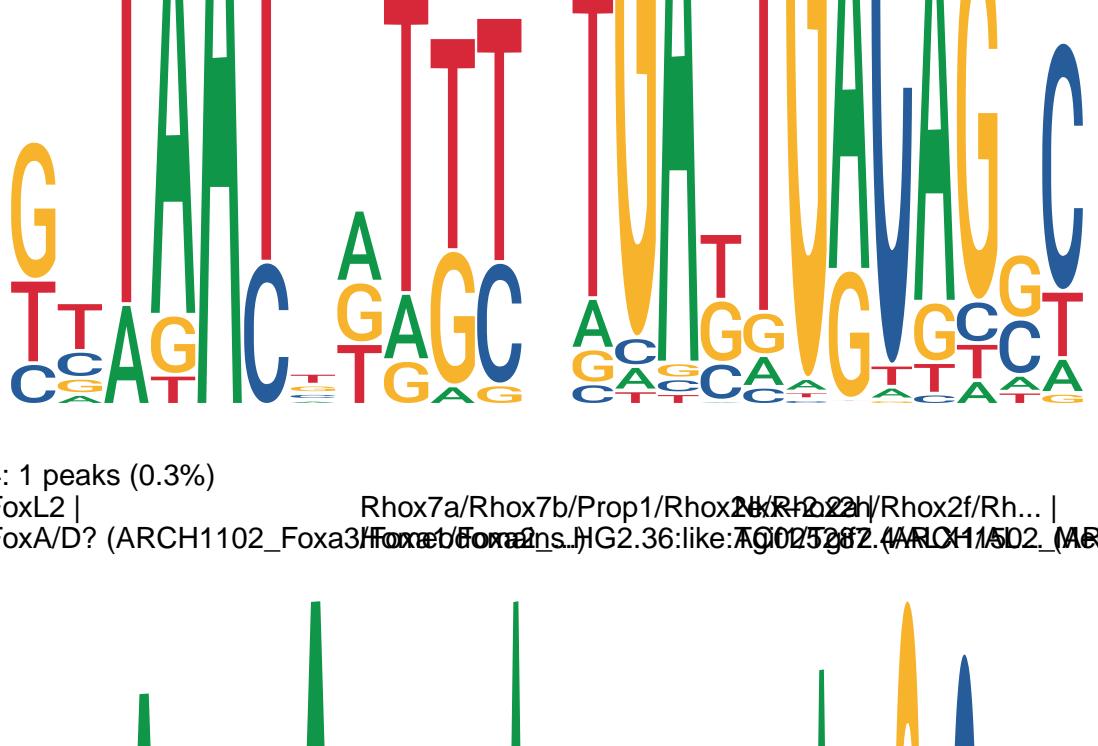
FoxA/D? (ARCH1102_Foxa3/Foxa1/Foxa2_Homeodomains.HG2.36:like:AC025287.4/AL)



3: 3 peaks (1.0%)

Rox7a/Rox7b/Prop1/Rox2e/Rox2h/Rox2f/Rox2a ||

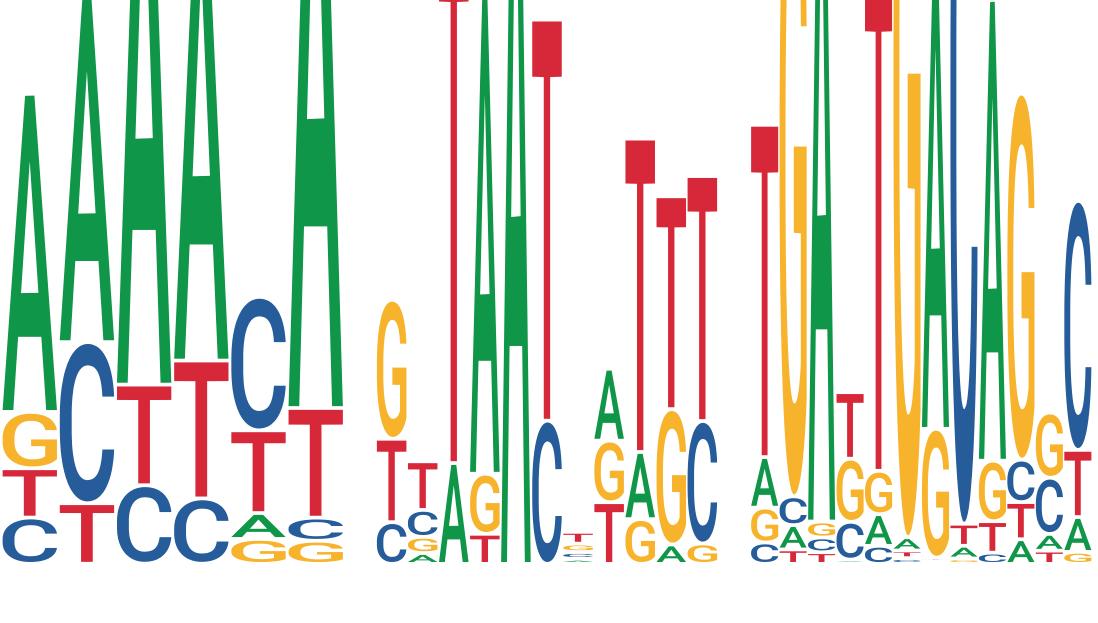
Homeodomains.HG2.36:like:AC025287.4/AL||Rox7a/Rox7b/Prop1/Rox2e/Rox2h/Rox2f/Rox2a ||



4: 1 peaks (0.3%)

FoxL2 | Rox7a/Rox7b/Prop1/Rox2e/Rox2h/Rox2f/Rox2a ||

FoxA/D? (ARCH1102_Foxa3/Foxa1/Foxa2_Homeodomains.HG2.36:like:AC025287.4/AL||Rox7a/Rox7b/Prop1/Rox2e/Rox2h/Rox2f/Rox2a ||



precursors_endoNPC

1: 9 peaks (5.3%)

Atoh8 |
Srebf2/Srebf1 (ARCH749_Ptf1a)

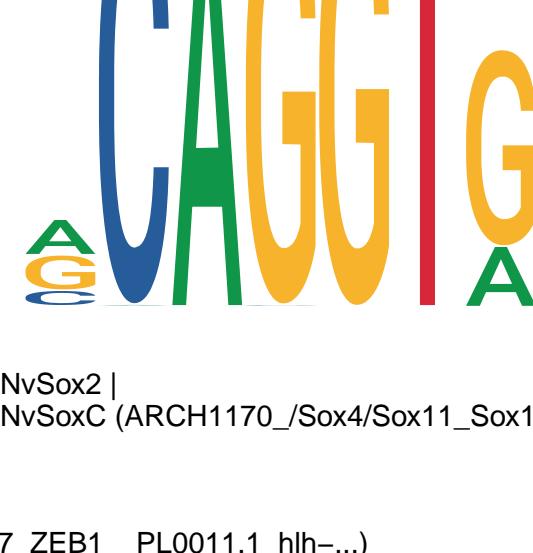
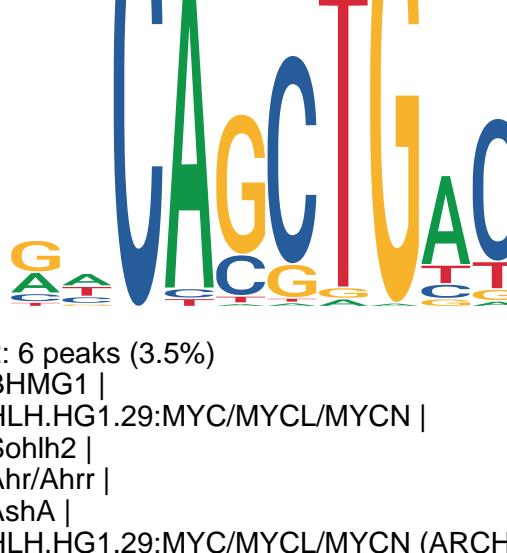
BHMG1 |
HLH.HG1.29:MYC/MYCL/MYCN |

Sohlh2 |

Ahr/Ahrr |

AshA |

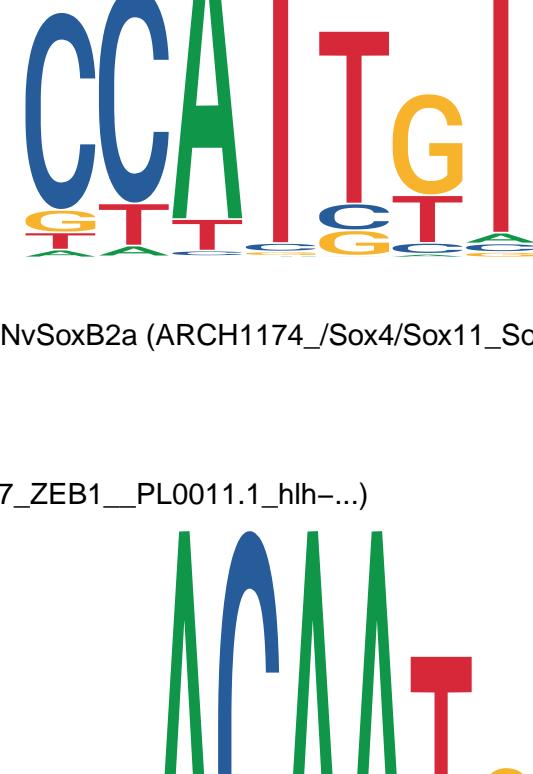
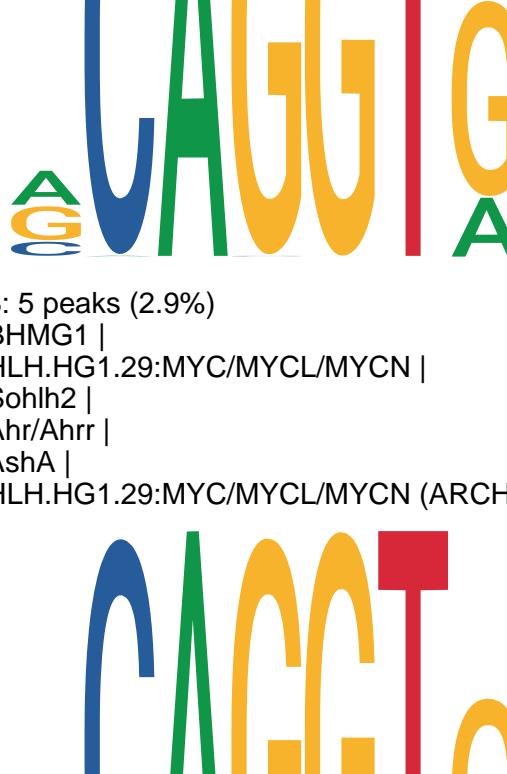
HLH.HG1.29:MYC/MYCL/MYCN (ARCH867_ZEB1__PL0011.1_hlh-...)



2: 6 peaks (3.5%)

BHMG1 |
HLH.HG1.29:MYC/MYCL/MYCN |

NvSox2 |
NvSoxC (ARCH1170_/Sox4/Sox11_Sox13/..)



3: 5 peaks (2.9%)

BHMG1 |

NvSoxB2a (ARCH1174_/Sox4/Sox11_Sox13/..)

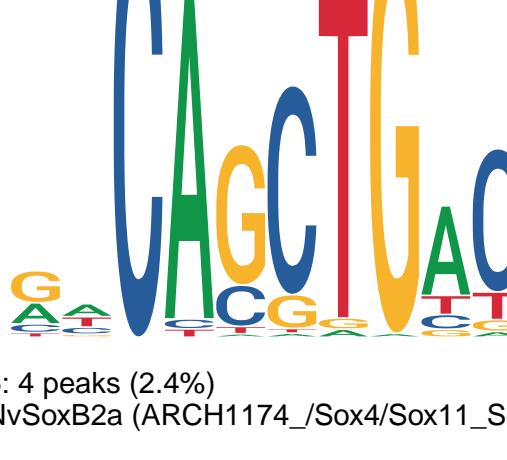
HLH.HG1.29:MYC/MYCL/MYCN |

Sohlh2 |

Ahr/Ahrr |

AshA |

HLH.HG1.29:MYC/MYCL/MYCN (ARCH867_ZEB1__PL0011.1_hlh-...)

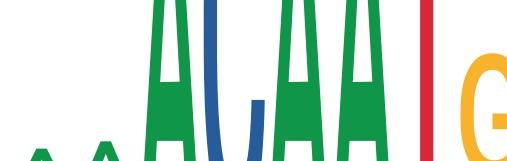


4: 4 peaks (2.4%)

Atoh8 |

NvSoxB2a (ARCH1174_/Sox4/Sox11_Sox13/..)

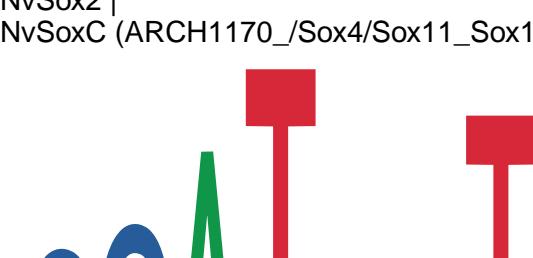
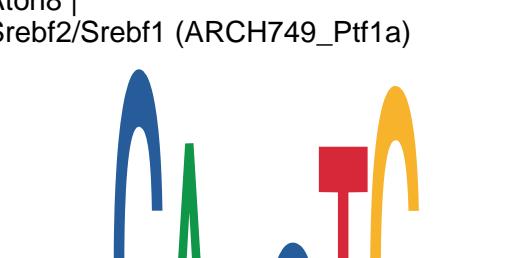
Srebf2/Srebf1 (ARCH749_Ptf1a)



5: 4 peaks (2.4%)

NvSoxB2a (ARCH1174_/Sox4/Sox11_Sox13/..)

NvSoxC (ARCH1170_/Sox4/Sox11_Sox13/..)



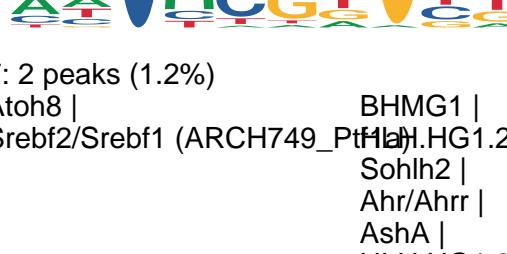
6: 3 peaks (1.8%)

Atoh8 |

NvSox2 |

Srebf2/Srebf1 (ARCH749_Ptf1a)

NvSoxC (ARCH1170_/Sox4/Sox11_Sox13/..)



7: 2 peaks (1.2%)

Atoh8 |

BHMG1 |

Srebf2/Srebf1 (ARCH749_Ptf1a)

HLH.HG1.29:MYC/MYCL/MYCN (ARCH867_ZEB1__PL0011.1_hlh-...)



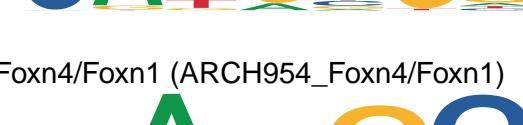
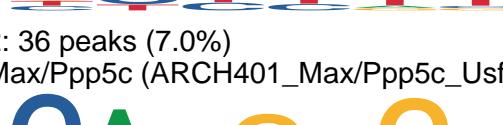
precursors_NPC

1: 40 peaks (7.8%)

FoxL2 |

FoxA/D? (ARCH1102_Foxa3/Foxa1/Foxa2_...)

Max/Ppp5c (ARCH401_Max/Ppp5c_Usf3)



2: 36 peaks (7.0%)

Max/Ppp5c (ARCH401_Max/Ppp5c_Usf3)

Foxn4/Foxn1 (ARCH954_Foxn4/Foxn1)



3: 29 peaks (5.7%)

NvSoxB2a (ARCH1174_Sox4/Sox11_Sox13)

Max/Ppp5c (ARCH401_Max/Ppp5c_Usf3)

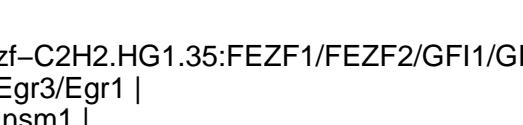
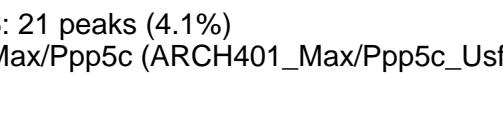


4: 28 peaks (5.5%)

FoxL2 |

FoxA/D? (ARCH1102_Foxa3/Foxa1/Foxa2_...)

Foxn4/Foxn1 (ARCH954_Foxn4/Foxn1)

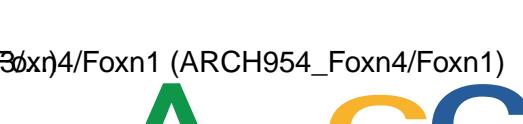


5: 25 peaks (4.9%)

FoxL2 |

FoxA/D? (ARCH1102_Foxa3/Foxa1/Foxa2_...)

NvSoxB2a (ARCH1174_Sox4/Sox11_Sox13)



6: 21 peaks (4.1%)

Max/Ppp5c (ARCH401_Max/Ppp5c_Usf3)

zf-C2H2.HG1.35:FEZF1/FEZF2/GFI1/GFI1B

Egr3/Egr1 |

Insm1 |

Zfp637/Zfp944/Zfp942 |

Myt1l/St18/Myt1 (ARCH530_Snai2)



7: 19 peaks (3.7%)

NvSoxB2a (ARCH1174_Sox4/Sox11_Sox13)

Foxn4/Foxn1 (ARCH954_Foxn4/Foxn1)



8: 18 peaks (3.5%)

FoxL2 |

FoxA/D? (ARCH1102_Foxa3/Foxa1/Foxa2_...)

zf-C2H2.HG1.35:FEZF1/FEZF2/GFI1/GFI1B

Egr3/Egr1 |

Insm1 |

Zfp637/Zfp944/Zfp942 |

Myt1l/St18/Myt1 (ARCH530_Snai2)



9: 18 peaks (3.5%)

Max/Ppp5c (ARCH401_Max/Ppp5c_Usf3)

NvSox2 |

NvSoxC (ARCH1170_Sox4/Sox11_Sox13..)



10: 16 peaks (3.1%)

NvSoxB2a (ARCH1174_Sox4/Sox11_Sox13)

zf-C2H2.HG1.35:FEZF1/FEZF2/GFI1/GFI1B

Egr3/Egr1 |

Insm1 |

Zfp637/Zfp944/Zfp942 |

Myt1l/St18/Myt1 (ARCH530_Snai2)



11: 16 peaks (3.1%)

Foxn4/Foxn1 (ARCH954_Foxn4/Foxn1)

NvSox2 |

NvSoxC (ARCH1170_Sox4/Sox11_Sox13..)



12: 15 peaks (2.9%)

zf-C2H2.HG1.35:FEZF1/FEZF2/GFI1/GFI1B

Foxn4/Foxn1 (ARCH954_Foxn4/Foxn1)

Egr3/Egr1 |

Insm1 |

Zfp637/Zfp944/Zfp942 |

Myt1l/St18/Myt1 (ARCH530_Snai2)



13: 13 peaks (2.5%)

NvSoxB2a (ARCH1174_Sox4/Sox11_Sox13)

Spx2 |

NvSoxC (ARCH1170_Sox4/Sox11_Sox13..)



14: 13 peaks (2.5%)

Max/Ppp5c (ARCH401_Max/Ppp5c_Usf3)

zf-C2H2.HG4.4:like:ZIC1/ZIC2/ZIC3/ZIC4/Z

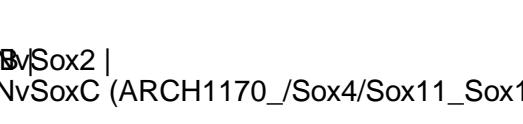
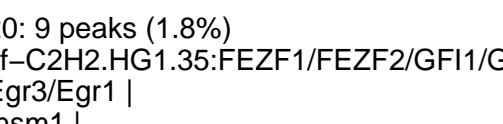


15: 12 peaks (2.3%)

FoxL2 |

FoxA/D? (ARCH1102_Foxa3/Foxa1/Foxa2_...)

zf-C2H2.HG4.4:like:ZIC1/ZIC2/ZIC3/ZIC4/Z



16: 12 peaks (2.3%)

NvSoxB2a (ARCH1174_Sox4/Sox11_Sox13)

Spx2 |

NvSoxC (ARCH1170_Sox4/Sox11_Sox13..)



17: 11 peaks (2.2%)

FoxL2 |

FoxA/D? (ARCH1102_Foxa3/Foxa1/Foxa2_...)

NvSox2 |

NvSoxC (ARCH1170_Sox4/Sox11_Sox13..)

18: 11 peaks (2.2%)

zf-C2H2.HG4.4:like:ZIC1/ZIC2/ZIC3/ZIC4/Z

Foxn4/Foxn1/Foxo4/Fox60-e...

19: 10 peaks (2.0%)

FoxL2 |

FoxA/D? (ARCH1102_Foxa3/Foxa1/Foxa2_...)

Max/Ppp5c (ARCH401_Max/Ppp5c_Usf3) (ARCH954_Foxn4/Foxn1/Foxo4/Fox60-e...)

20: 9 peaks (1.8%)

zf-C2H2.HG1.35:FEZF1/FEZF2/GFI1/GFI1B

Sox2 |

NvSoxC (ARCH1170_Sox4/Sox11_Sox13..)

NPC_1

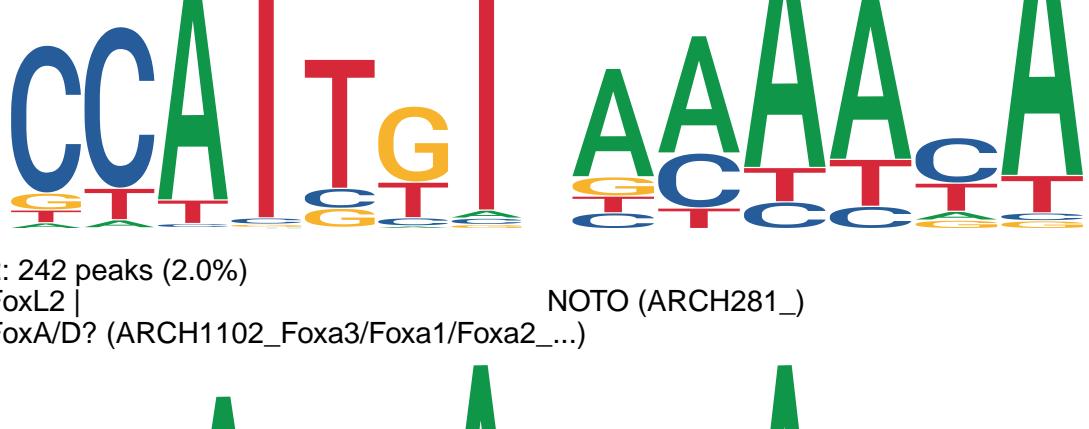
1: 452 peaks (3.7%)

NvSox2 |

NvSoxC (ARCH1170_Sox4/Sox11_Sox13/FoxA/D? (ARCH1102_Foxa3/Foxa1/Foxa2...)

FoxL2 |

FoxA/D? (ARCH1102_Foxa3/Foxa1/Foxa2...) NOTO (ARCH281_)



2: 242 peaks (2.0%)

FoxL2 |

FoxA/D? (ARCH1102_Foxa3/Foxa1/Foxa2...)

NOTO (ARCH281_)



3: 240 peaks (2.0%)

Lhx8/Lhx6 (ARCH86_Alx3/Alx4/Alx1_Barx2) FoxL2 |

FoxA/D? (ARCH1102_Foxa3/Foxa1/Foxa2...)



4: 198 peaks (1.6%)

NvSox2 |

NvSoxC (ARCH1170_Sox4/Sox11_Sox13...)

NOTO (ARCH281_)

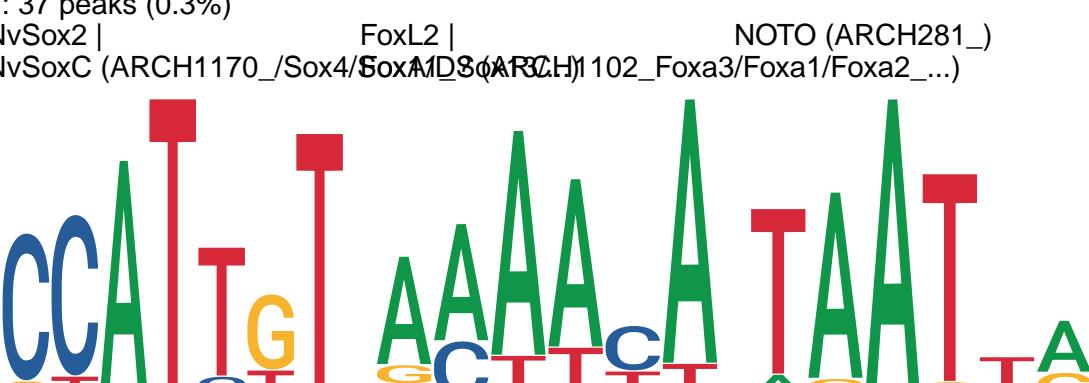


5: 186 peaks (1.5%)

NvSox2 |

NvSoxC (ARCH1170_Sox4/Sox11_Sox13...)

Lhx8/Lhx6 (ARCH86_Alx3/Alx4/Alx1_Barx2...)



6: 123 peaks (1.0%)

Lhx8/Lhx6 (ARCH86_Alx3/Alx4/Alx1_Barx2...)

NOTO (ARCH281_)



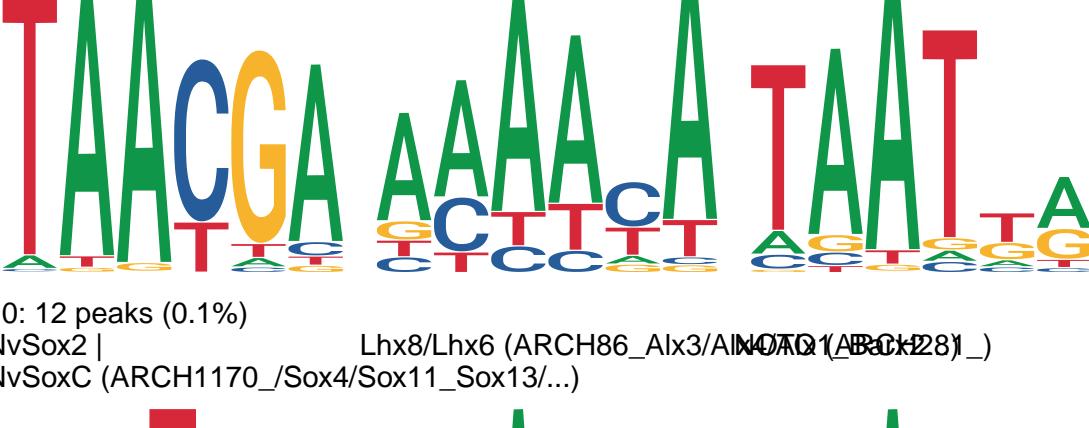
7: 37 peaks (0.3%)

NvSox2 |

NvSoxC (ARCH1170_Sox4/Sox11_Sox13...)

FoxL2 |

NOTO (ARCH281_)



8: 34 peaks (0.3%)

NvSox2 |

NvSoxC (ARCH1170_Sox4/Sox11_Sox13...)

Lhx8/Lhx6 (ARCH86_Alx3/Alx4/Alx1_Barx2...)

FoxA/D? (ARCH1102_Foxa3/Foxa1/Foxa2...)



9: 27 peaks (0.2%)

Lhx8/Lhx6 (ARCH86_Alx3/Alx4/Alx1_Barx2...)

FoxL2 |

NOTO (ARCH281_)

FoxA/D? (ARCH1102_Foxa3/Foxa1/Foxa2...)

10: 12 peaks (0.1%)

NvSox2 |

NvSoxC (ARCH1170_Sox4/Sox11_Sox13...)

Lhx8/Lhx6 (ARCH86_Alx3/Alx4/Alx1_Barx2...)

NOTO (ARCH281_)

FoxA/D? (ARCH1102_Foxa3/Foxa1/Foxa2...)

NPC_2

1: 90 peaks (4.3%)

Arid3c/Arid3a/Arid3b (ARCH13_Arid2_Arid3b/...)

FoxA/D? (ARCH1102_Foxa3/Foxa1/Foxa2...)



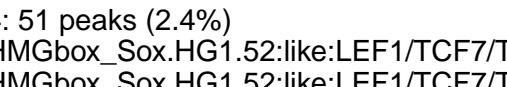


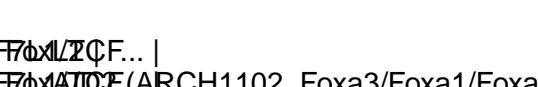
2: 79 peaks (3.7%)

NvSox2 |

FoxL2 |

NvSoxC (ARCH1170_Sox4/Sox11_Sox13/FoxA/D? (ARCH1102_Foxa3/Foxa1/Foxa2...))

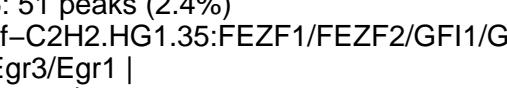




3: 64 peaks (3.0%)

Arid3c/Arid3a/Arid3b (ARCH13_Arid2_Arid3b/...)

NvSoxC (ARCH1170_Sox4/Sox11_Sox13/...)





4: 51 peaks (2.4%)

HMGbox_Sox.HG1.52:like:LEF1/TCF7/TCF7L1/TCF... |

HMGbox_Sox.HG1.52:like:LEF1/TCF7/TCF7L1/TCF... (ARCH1102_Foxa3/Foxa1/Foxa2...)

HMGbox_Sox.HG1.52:like:LEF1/TCF7/TCF7L1/TCF... |

HMGbox_Sox.HG1.62:like:NSD2 (ARCH1164_Sox4/Sox11_Sox13/...))





5: 51 peaks (2.4%)

zf-C2H2.HG1.35:FEZF1/FEZF2/GFI1/GFI1B |

FoxA/D? (ARCH1102_Foxa3/Foxa1/Foxa2...)

Egr3/Egr1 |

Insm1 |

Zfp637/Zfp944/Zfp942 |

Myt1l/St18/Myt1 (ARCH530_Snai2)





6: 35 peaks (1.7%)

Arid3c/Arid3a/Arid3b (ARCH13_Arid2_Arid3b/...)

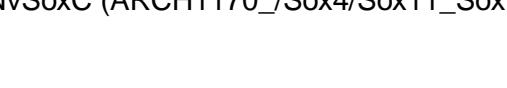
HMGbox_Sox.HG1.35:FEZF1/FEZF2/GFI1/GFI1B |

Egr3/Egr1 |

Insm1 |

Zfp637/Zfp944/Zfp942 |

Myt1l/St18/Myt1 (ARCH530_Snai2)





7: 35 peaks (1.7%)

HMGbox_Sox.HG1.52:like:LEF1/TCF7/TCF7L1/TCF... |

HMGbox_Sox.HG1.52:like:LEF1/TCF7/TCF7L1/TCF... |

HMGbox_Sox.HG1.52:like:LEF1/TCF7/TCF7L1/TCF... |

HMGbox_Sox.HG1.62:like:NSD2 (ARCH1164_Sox4/Sox11_Sox13/...))

Myt1l/St18/Myt1 (ARCH530_Snai2)





8: 34 peaks (1.6%)

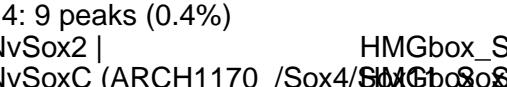
Arid3c/Arid3a/Arid3b (ARCH13_Arid2_Arid3b/...)

HMGbox_Sox.HG1.52:like:LEF1/TCF7/TCF7L1/TCF... |

HMGbox_Sox.HG1.52:like:LEF1/TCF7/TCF7L1/TCF... |

HMGbox_Sox.HG1.52:like:LEF1/TCF7/TCF7L1/TCF... |

HMGbox_Sox.HG1.62:like:NSD2 (ARCH1164_Sox4/Sox11_Sox13/...))





9: 31 peaks (1.5%)

NvSox2 |

HMGbox_Sox.HG1.52:like:LEF1/TCF7/TCF7L1/TCF... |

NvSoxC (ARCH1170_Sox4/Sox11_Sox13/HMGbox_Sox.HG1.52:like:LEF1/TCF7/TCF7L1/TCF... |

HMGbox_Sox.HG1.52:like:LEF1/TCF7/TCF7L1/TCF... |

HMGbox_Sox.HG1.52:like:LEF1/TCF7/TCF7L1/TCF... |

HMGbox_Sox.HG1.62:like:NSD2 (ARCH1164_Sox4/Sox11_Sox13/...))





10: 30 peaks (1.4%)

NvSox2 |

zf-C2H2.HG1.35:FEZF1/FEZF2/GFI1/GFI1B |

NvSoxC (ARCH1170_Sox4/Sox11_Sox13/Egr3/Egr1 |

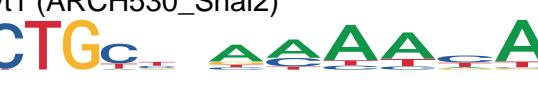
HMGbox_Sox.HG1.52:like:LEF1/TCF7/TCF7L1/TCF... |

Insm1 |

Zfp637/Zfp944/Zfp942 |

Myt1l/St18/Myt1 (ARCH530_Snai2)





11: 11 peaks (0.5%)

Arid3c/Arid3a/Arid3b (ARCH13_Sox22_Arid3c/Arid3a/...))

FoxL2 |

NvSoxC (ARCH1170_Sox4/Sox11_Sox13/HMGbox_Sox.HG1.52:like:LEF1/TCF7/TCF7L1/TCF... |

HMGbox_Sox.HG1.52:like:LEF1/TCF7/TCF7L1/TCF... |

HMGbox_Sox.HG1.52:like:LEF1/TCF7/TCF7L1/TCF... |

HMGbox_Sox.HG1.62:like:NSD2 (ARCH1164_Sox4/Sox11_Sox13/...))





12: 10 peaks (0.5%)

Arid3c/Arid3a/Arid3b (ARCH13_Sox22_Arid3c/Arid3a/...))

HMGbox_Sox.HG1.52:like:LEF1/TCF7/TCF7L1/TCF... |

HMGbox_Sox.HG1.52:like:LEF1/TCF7/TCF7L1/TCF... |

HMGbox_Sox.HG1.52:like:LEF1/TCF7/TCF7L1/TCF... |

HMGbox_Sox.HG1.62:like:NSD2 (ARCH1164_Sox4/Sox11_Sox13/...))





13: 9 peaks (0.4%)

Arid3c/Arid3a/Arid3b (ARCH13_Sox22_HMGbox_Sox.HG1.52:like:LEF1/TCF7/TCF7L1/TCF... |

FoxA/D? (ARCH1102_Foxa3/Foxa1/Foxa2...))

14: 9 peaks (0.4%)

NvSox2 |

HMGbox_Sox.HG1.52:like:LEF1/TCF7/TCF7L1/TCF... |

NvSoxC (ARCH1170_Sox4/Sox11_Sox13/HMGbox_Sox.HG1.52:like:LEF1/TCF7/TCF7L1/TCF... |

HMGbox_Sox.HG1.52:like:LEF1/TCF7/TCF7L1/TCF... |

HMGbox_Sox.HG1.52:like:LEF1/TCF7/TCF7L1/TCF... |

HMGbox_Sox.HG1.62:like:NSD2 (ARCH1164_Sox4/Sox11_Sox13/...))

15: 8 peaks (0.4%)

HMGbox_Sox.HG1.52:like:LEF1/TCF7/TCF7L1/TCF... |

FoxA/D? (ARCH1102_Foxa3/Foxa1/Foxa2...))

HMGbox_Sox.HG1.52:like:LEF1/TCF7/TCF7L1/TCF... |

HMGbox_Sox.HG1.52:like:LEF1/TCF7/TCF7L1/TCF... |

HMGbox_Sox.HG1.52:like:LEF1/TCF7/TCF7L1/TCF... |

HMGbox_Sox.HG1.62:like:NSD2 (ARCH1164_Sox4/Sox11_Sox13/...))

16: 7 peaks (0.3%)

Arid3c/Arid3a/Arid3b (ARCH13_Sox22_Arid3c/Arid3a/...))

HMGbox_Sox.HG1.52:like:LEF1/TCF7/TCF7L1/TCF... |

NvSoxC (ARCH1170_Sox4/Sox11_Sox13/HMGbox_Sox.HG1.52:like:LEF1/TCF7/TCF7L1/TCF... |

HMGbox_Sox.HG1.52:like:LEF1/TCF7/TCF7L1/TCF... |

HMGbox_Sox.HG1.52:like:LEF1/TCF7/TCF7L1/TCF... |

HMGbox_Sox.HG1.62:like:NSD2 (ARCH1164_Sox4/Sox11_Sox13/...))

17: 7 peaks (0.3%)

NvSox2 |

zf-C2H2.HG1.35:FEZF1/FEZF2/GFI1/GFI1B |

NvSoxC (ARCH1170_Sox4/Sox11_Sox13/Egr3/Egr1 |

HMGbox_Sox.HG1.52:like:LEF1/TCF7/TCF7L1/TCF... |

Insm1 |

Zfp637/Zfp944/Zfp942 |

Myt1l/St18/Myt1 (ARCH530_Snai2))

18: 4 peaks (0.2%)

Arid3c/Arid3a/Arid3b (ARCH13_Sox22_Arid3c/Arid3a/...))

zf-C2H2.HG1.35:FEZF1/FEZF2/GFI1/GFI1B |

NvSoxC (ARCH1170_Sox4/Sox11_Sox13/Egr3/Egr1 |

HMGbox_Sox.HG1.52:like:LEF1/TCF7/TCF7L1/TCF... |

Insm1 |

Zfp637/Zfp944/Zfp942 |

Myt1l/St18/Myt1 (ARCH530_Snai2))

19: 4 peaks (0.2%)

Arid3c/Arid3a/Arid3b (ARCH13_Sox22_Arid3c/Arid3a/...))

HMGbox_Sox.HG1.52:like:LEF1/TCF7/TCF7L1/TCF... |

NvSoxC (ARCH1170_Sox4/Sox11_Sox13/Egr3/Egr1 |

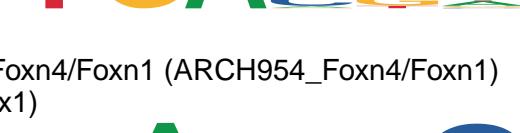
HMGbox_Sox.HG1.52:like:LEF1/TCF7/TCF7L1/TCF... |

neuron_GATA_Islet_1

1: 246 peaks (10.8%)

Arid3c/Arid3a/Arid3b (ARCH13_Arid2_Arid3b) | Homeodomains.HG1.54:like:NOTO | VAx-EMX-Like (ARCH1552_Pbx4/Pbx2/Pbx1)





2: 214 peaks (9.4%)

Homeodomains.HG1.54:like:NOTO |

VAx-EMX-Like (ARCH1552_Pbx4/Pbx2/Pbx1)

Foxn4/Foxn1 (ARCH954_Foxn4/Foxn1)





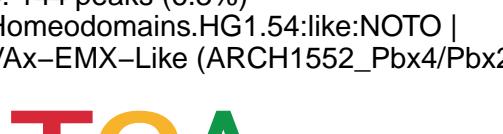
3: 167 peaks (7.3%)

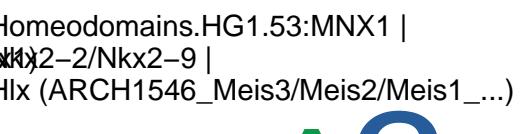
Homeodomains.HG1.54:like:NOTO |

VAx-EMX-Like (ARCH1552_Pbx4/Pbx2/Pbx1)

FoxL2 |

FoxA/D? (ARCH1102_Foxa3/Foxa1/Foxa2_...)





4: 146 peaks (6.4%)

Arid3c/Arid3a/Arid3b (ARCH13_Arid2_Arid3b) |

VAx-EMX-Like (ARCH1552_Pbx4/Pbx2/Pbx1)

Foxn4/Foxn1 (ARCH954_Foxn4/Foxn1)





5: 144 peaks (6.3%)

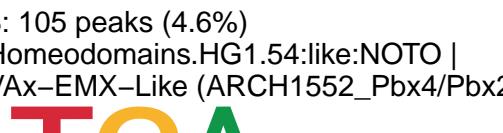
Homeodomains.HG1.54:like:NOTO |

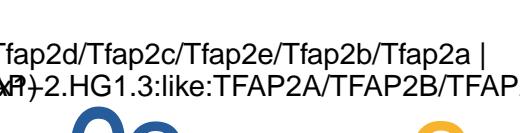
VAx-EMX-Like (ARCH1552_Pbx4/Pbx2/Pbx1)

Homeodomains.HG1.53:MNX1 |

Nkx2-2/Nkx2-9 |

Hlx (ARCH1546_Meis3/Meis2/Meis1_...)





6: 123 peaks (5.4%)

Homeodomains.HG1.54:like:NOTO |

VAx-EMX-Like (ARCH1552_Pbx4/Pbx2/Pbx1)

Pbx4/Pbx2/Pbx1 |

Homeodomains.HG1.37:NKX6-1/NKX6-2/N





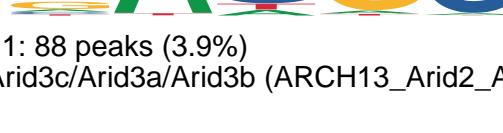
7: 120 peaks (5.3%)

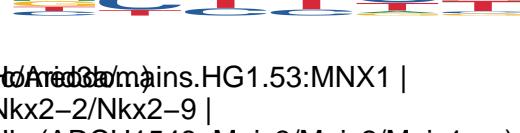
Arid3c/Arid3a/Arid3b (ARCH13_Arid2_Arid3b) |

VAx-EMX-Like (ARCH1552_Pbx4/Pbx2/Pbx1)

FoxL2 |

FoxA/D? (ARCH1102_Foxa3/Foxa1/Foxa2_...)





8: 105 peaks (4.6%)

Homeodomains.HG1.54:like:NOTO |

VAx-EMX-Like (ARCH1552_Pbx4/Pbx2/Pbx1)

Tfap2d/Tfap2c/Tfap2e/Tfap2b/Tfap2a |

AP-2.HG1.3:like:TFAP2A/TFAP2B/TFAP2C/





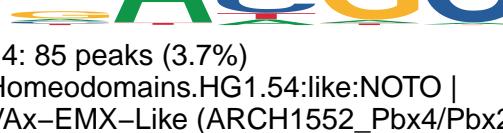
9: 102 peaks (4.5%)

Foxn4/Foxn1 (ARCH954_Foxn4/Foxn1)

Homeodomains.HG1.53:MNX1 |

Nkx2-2/Nkx2-9 |

Hlx (ARCH1546_Meis3/Meis2/Meis1_...)





10: 100 peaks (4.4%)

Foxn4/Foxn1 (ARCH954_Foxn4/Foxn1)

FoxL2 |

FoxA/D? (ARCH1102_Foxa3/Foxa1/Foxa2_...)





11: 88 peaks (3.9%)

Arid3c/Arid3a/Arid3b (ARCH13_Arid2_Arid3b) |

VAx-EMX-Like (ARCH1552_Pbx4/Pbx2/Pbx1)

Homeodomains.HG1.53:MNX1 |

Nkx2-2/Nkx2-9 |

Hlx (ARCH1546_Meis3/Meis2/Meis1_...)





12: 87 peaks (3.8%)

Arid3c/Arid3a/Arid3b (ARCH13_Arid2_Arid3b) |

VAx-EMX-Like (ARCH1552_Pbx4/Pbx2/Pbx1)

Pbx4/Pbx2/Pbx1 |

Homeodomains.HG1.37:NKX6-1/NKX6-2/N





13: 86 peaks (3.8%)

Foxn4/Foxn1 (ARCH954_Foxn4/Foxn1)

Pbx4/Pbx2/Pbx1 |

Homeodomains.HG1.37:NKX6-1/NKX6-2/N





14: 85 peaks (3.7%)

Homeodomains.HG1.54:like:NOTO |

VAx-EMX-Like (ARCH1552_Pbx4/Pbx2/Pbx1)

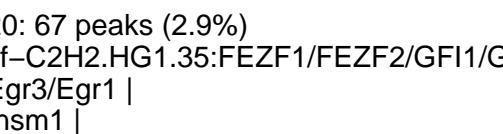
zf-C2H2.HG1.35:FEZF1/FEZF2/GFI1/GFI1B

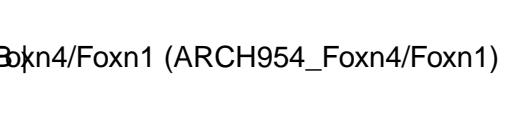
Egr3/Egr1 |

Insm1 |

Zfp637/Zfp944/Zfp942 |

Myt1l/St18/Myt1 (ARCH530_Snai2)





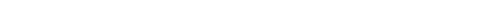
15: 82 peaks (3.6%)

Homeodomains.HG1.54:like:NOTO |

VAx-EMX-Like (ARCH1552_Pbx4/Pbx2/Pbx1)

Vsx1/Vsx2 |

Barx1 (ARCH335_Alx3/Alx4/Alx1_Barx...)





16: 74 peaks (3.2%)

FoxL2 |

FoxA/D? (ARCH1102_Foxa3/Foxa1/Foxa2_...)

Homeodomains.HG1.53:MNX1 |

Nkx2-2/Nkx2-9 |

Hlx (ARCH1546_Meis3/Meis2/Meis1_...)

17: 69 peaks (3.0%)

Arid3c/Arid3a/Arid3b (ARCH13_Arid2_Arid3b) |

VAx-EMX-Like (ARCH1552_Pbx4/Pbx2/Pbx1)

Tfap2d/Tfap2c/Tfap2e/Tfap2b/Tfap2a |

AP-2.HG1.3:like:TFAP2A/TFAP2B/TFAP2C/

18: 68 peaks (3.0%)

Arid3c/Arid3a/Arid3b (ARCH13_Arid2_Arid3b) |

VAx-EMX-Like (ARCH1552_Pbx4/Pbx2/Pbx1)

zf-C2H2.HG1.35:FEZF1/FEZF2/GFI1/GFI1B

Egr3/Egr1 |

Insm1 |

Zfp637/Zfp944/Zfp942 |

Myt1l/St18/Myt1 (ARCH530_Snai2)

19: 68 peaks (3.0%)

Pbx4/Pbx2/Pbx1 |

Homeodomains.HG1.37:NKX6-1/NKX6-2/N

Nkx2-2/Nkx2-9 |

Hlx (ARCH1546_Meis3/Meis2/Meis1_...)

20: 67 peaks (2.9%)

zf-C2H2.HG1.35:FEZF1/FEZF2/GFI1/GFI1B

Egr3/Egr1 |

Insm1 |

Zfp637/Zfp944/Zfp942 |

Myt1l/St18/Myt1 (ARCH530_Snai2)

neuron_GATA_Islet_2

1: 141 peaks (9.2%)

Homeodomains.HG1.54:like:NOTO | Homeodomains.HG1.53:MNX1 |
VAx-EMX-Like (ARCH1552_Pbx4/Pbx2/Pbx1) Nkx2-2/Nkx2-9 |
Hlx (ARCH1546_Meis3/Meis2/Meis1...)





2: 112 peaks (7.3%)

Homeodomains.HG1.54:like:NOTO | Foxn4/Foxn1 (ARCH954_Foxn4/Foxn1)
VAx-EMX-Like (ARCH1552_Pbx4/Pbx2/Pbx1)





3: 96 peaks (6.2%)

Homeodomains.HG1.53:MNX1 | Foxn4/Foxn1 (ARCH954_Foxn4/Foxn1)
Nkx2-2/Nkx2-9 |

Hlx (ARCH1546_Meis3/Meis2/Meis1...)

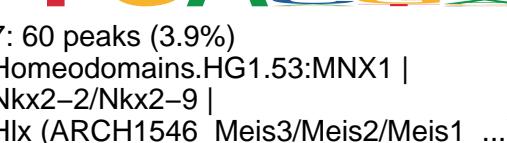


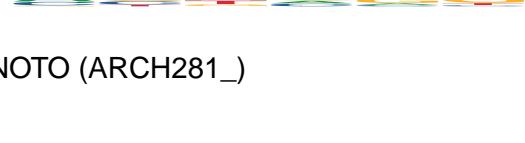


4: 76 peaks (4.9%)

Homeodomains.HG1.53:MNX1 | Pbx4/Pbx2/Pbx1 |
Nkx2-2/Nkx2-9 |

Hlx (ARCH1546_Meis3/Meis2/Meis1...)



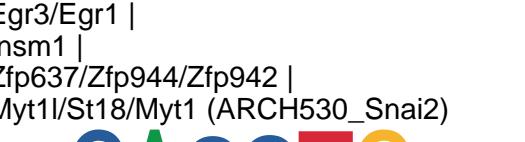


5: 73 peaks (4.7%)

Homeodomains.HG1.54:like:NOTO | Pbx4/Pbx2/Pbx1 |

VAx-EMX-Like (ARCH1552_Pbx4/Pbx2/Pbx1) Homeodomains.HG1.37:NKX6-1/NKX6-2/N





6: 68 peaks (4.4%)

Homeodomains.HG1.54:like:NOTO | NOTO (ARCH281_)

VAx-EMX-Like (ARCH1552_Pbx4/Pbx2/Pbx1)





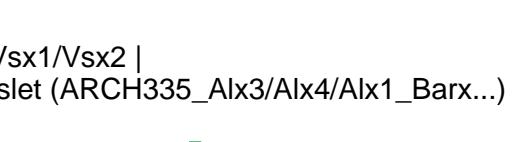
7: 60 peaks (3.9%)

Homeodomains.HG1.53:MNX1 |

Nkx2-2/Nkx2-9 |

Hlx (ARCH1546_Meis3/Meis2/Meis1...)



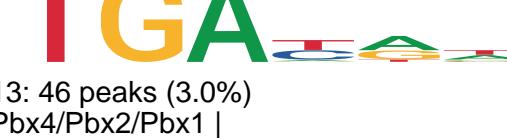


8: 58 peaks (3.8%)

Homeodomains.HG1.53:MNX1 |

Nkx2-2/Nkx2-9 |

Hlx (ARCH1546_Meis3/Meis2/Meis1...)





9: 55 peaks (3.6%)

Pbx4/Pbx2/Pbx1 |

Homeodomains.HG1.37:NKX6-1/NKX6-2/NKX6-3 (ARCH121_NfyA_Pbx4/Pbx2/Pbx1)

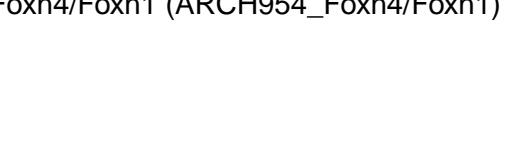


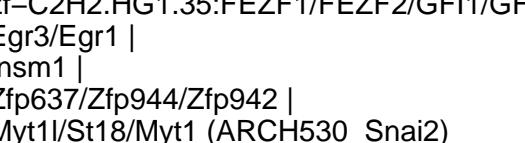


10: 53 peaks (3.4%)

Homeodomains.HG1.54:like:NOTO |

VAx-EMX-Like (ARCH1552_Pbx4/Pbx2/Pbx1) zf-C2H2.HG1.35:FEZF1/FEZF2/GFI1/GFI1B





11: 53 peaks (3.4%)

Homeodomains.HG1.53:MNX1 |

Nkx2-2/Nkx2-9 |

Hlx (ARCH1546_Meis3/Meis2/Meis1...)





12: 47 peaks (3.1%)

Homeodomains.HG1.54:like:NOTO |

VAx-EMX-Like (ARCH1552_Pbx4/Pbx2/Pbx1) Vsx1/Vsx2 |





13: 46 peaks (3.0%)

Pbx4/Pbx2/Pbx1 |

Homeodomains.HG1.37:NKX6-1/NKX6-2/NKX6-3 (ARCH121_NfyA_Pbx4/Pbx2/Pbx1)





14: 39 peaks (2.5%)

Foxn4/Foxn1 (ARCH954_Foxn4/Foxn1)





15: 34 peaks (2.2%)

Foxn4/Foxn1 (ARCH954_Foxn4/Foxn1)

16: 32 peaks (2.1%)

Foxn4/Foxn1 (ARCH954_Foxn4/Foxn1)

17: 27 peaks (1.8%)

Homeodomains.HG1.54:like:NOTO |

VAx-EMX-Like (ARCH1552_Pbx4/Pbx2/Pbx1) Hlx (ARCH1546_Meis3/Meis2/Meis1...)

18: 26 peaks (1.7%)

Pbx4/Pbx2/Pbx1 |

Homeodomains.HG1.37:NKX6-1/NKX6-2/NKX6-3 (ARCH121_NfyA_Pbx4/Pbx2/Pbx1)

19: 24 peaks (1.6%)

Pbx4/Pbx2/Pbx1 |

Homeodomains.HG1.37:NKX6-1/NKX6-2/NKX6-3 (ARCH121_NfyA_Pbx4/Pbx2/Pbx1)

20: 21 peaks (1.4%)

Homeodomains.HG1.54:like:NOTO |

VAx-EMX-Like (ARCH1552_Pbx4/Pbx2/Pbx1) Hlx (ARCH1546_Meis3/Meis2/Meis1...)

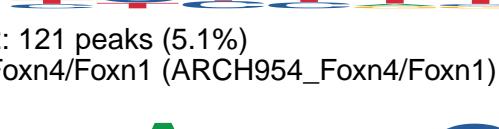
neuron_Pou4_FoxL2_1

1: 127 peaks (5.4%)

FoxL2 |

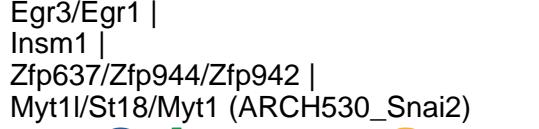
FoxA/D? (ARCH1102_Foxa3/Foxa1/Foxa2_...)

Pou4 (ARCH56_POU4F1)



2: 121 peaks (5.1%)

Foxn4/Foxn1 (ARCH954_Foxn4/Foxn1)



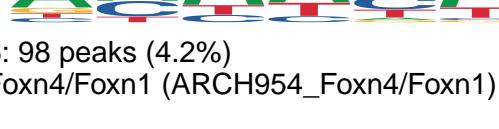
3: 111 peaks (4.7%)

Foxn4/Foxn1 (ARCH954_Foxn4/Foxn1)



4: 110 peaks (4.7%)

Foxn4/Foxn1 (ARCH954_Foxn4/Foxn1)



Pou4 (ARCH56_POU4F1)



5: 102 peaks (4.3%)

FoxL2 |

FoxA/D? (ARCH1102_Foxa3/Foxa1/Foxa2_...)

zf-C2H2.HG1.35:FEZF1/FEZF2/GFI1/GFI1E

Egr3/Egr1 |

Insm1 |

Zfp637/Zfp944/Zfp942 |

Myt1l/St18/Myt1 (ARCH530_Snai2)



6: 98 peaks (4.2%)

Foxn4/Foxn1 (ARCH954_Foxn4/Foxn1)



Pbx4/Pbx2/Pbx1 |

Homeodomains.HG1.37:NKX6-1/NKX6-2/N



7: 90 peaks (3.8%)

Pbx4/Pbx2/Pbx1 |

Homeodomains.HG1.37:NKX6-1/NKX6-2/N

zf-C2H2.HG1.35:FEZF1/FEZF2/GFI1/GFI1E

NKX6-9r(ARCH121_Nfy_a_Pbx4/Pbx2/Pbx1)

Insm1 |

Zfp637/Zfp944/Zfp942 |

Myt1l/St18/Myt1 (ARCH530_Snai2)



8: 84 peaks (3.6%)

FoxL2 |

FoxA/D? (ARCH1102_Foxa3/Foxa1/Foxa2_...)

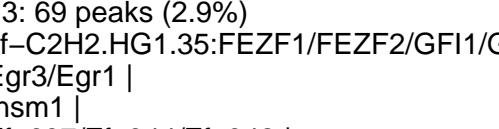
Pbx4/Pbx2/Pbx1 |

Homeodomains.HG1.37:NKX6-1/NKX6-2/N

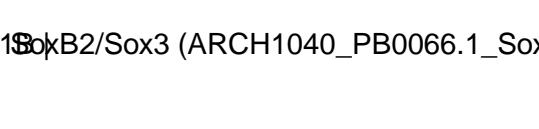


9: 82 peaks (3.5%)

Pou4 (ARCH56_POU4F1)



Homeodomains.HG1.61:NOTO (ARCH225_)



10: 79 peaks (3.4%)

FoxL2 |

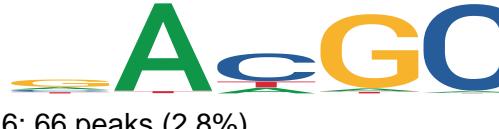
FoxA/D? (ARCH1102_Foxa3/Foxa1/Foxa2_...)

Homeodomains.HG1.61:NOTO (ARCH225_)



11: 77 peaks (3.3%)

Pou4 (ARCH56_POU4F1)



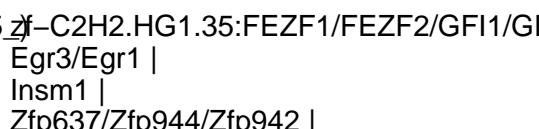
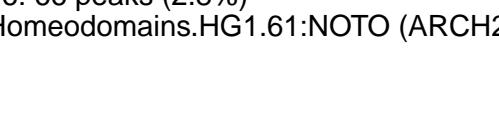
zf-C2H2.HG1.35:FEZF1/FEZF2/GFI1/GFI1E

Egr3/Egr1 |

Insm1 |

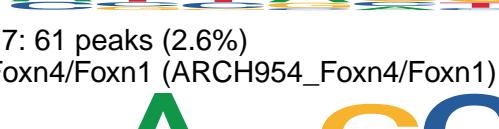
Zfp637/Zfp944/Zfp942 |

Myt1l/St18/Myt1 (ARCH530_Snai2)



12: 74 peaks (3.1%)

Pou4 (ARCH56_POU4F1)



SoxB2/Sox3 (ARCH1040_PB0066.1_Sox17_)



13: 69 peaks (2.9%)

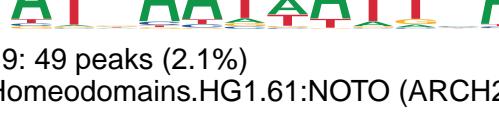
zf-C2H2.HG1.35:FEZF1/FEZF2/GFI1/GFI1E

Egr3/Egr1 |

Insm1 |

Zfp637/Zfp944/Zfp942 |

Myt1l/St18/Myt1 (ARCH530_Snai2)



14: 68 peaks (2.9%)

FoxL2 |

FoxA/D? (ARCH1102_Foxa3/Foxa1/Foxa2_...)

SoxB2/Sox3 (ARCH1040_PB0066.1_Sox17_)



15: 67 peaks (2.8%)

Foxn4/Foxn1 (ARCH954_Foxn4/Foxn1)

SoxB2/Sox3 (ARCH1040_PB0066.1_Sox17_)

16: 66 peaks (2.8%)

Homeodomains.HG1.61:NOTO (ARCH225_)

zf-C2H2.HG1.35:FEZF1/FEZF2/GFI1/GFI1E

Egr3/Egr1 |

Insm1 |

Zfp637/Zfp944/Zfp942 |

Myt1l/St18/Myt1 (ARCH530_Snai2)

17: 61 peaks (2.6%)

Foxn4/Foxn1 (ARCH954_Foxn4/Foxn1)

Homeodomains.HG1.61:NOTO (ARCH225_)

18: 55 peaks (2.3%)

Pou4 (ARCH56_POU4F1)

Pbx4/Pbx2/Pbx1 |

Homeodomains.HG1.37:NKX6-1/NKX6-2/N

19: 49 peaks (2.1%)

Homeodomains.HG1.61:NOTO (ARCH225_)

Pbx4/Pbx2/Pbx1 |

Homeodomains.HG1.37:NKX6-1/NKX6-2/N

20: 43 peaks (1.8%)

Pbx4/Pbx2/Pbx1 |

Homeodomains.HG1.37:NKX6-1/NKX6-2/NKX6-3

SoxB2/Sox3 (ARCH1040_PB0066.1_Sox17_)

SoxB2/Sox3 (ARCH121_Nfy_a_Pbx4/Pbx2/Pbx1)

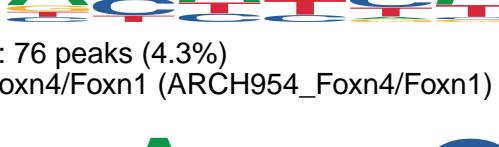
neuron_Pou4_FoxL2_2

1: 92 peaks (5.2%)

FoxL2 |

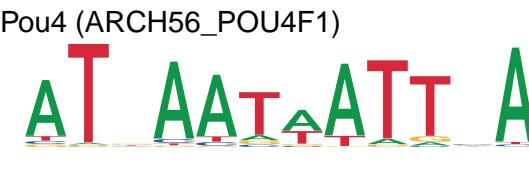
FoxA/D? (ARCH1102_Foxa3/Foxa1/Foxa2_...)

Pou4 (ARCH56_POU4F1)



2: 76 peaks (4.3%)

Foxn4/Foxn1 (ARCH954_Foxn4/Foxn1)



3: 75 peaks (4.3%)

Foxn4/Foxn1 (ARCH954_Foxn4/Foxn1)



4: 75 peaks (4.3%)

FoxL2 |

FoxA/D? (ARCH1102_Foxa3/Foxa1/Foxa2_...)

Homeodomains.HG1.61:NOTO (ARCH225_...)

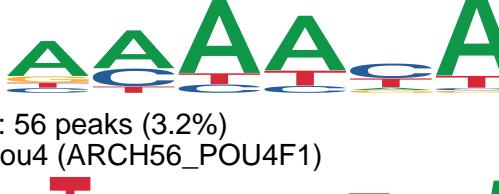


5: 58 peaks (3.3%)

SoxB2/Sox3 (ARCH1040_PB0066.1_Sox17)

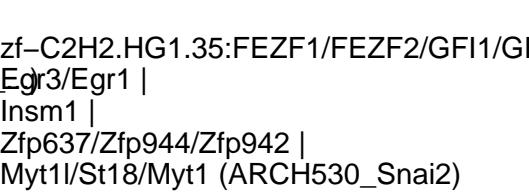
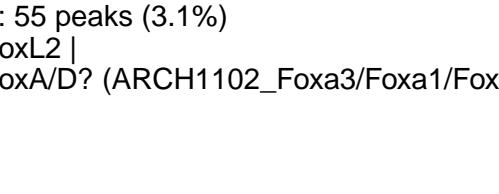
FoxL2 |

FoxA/D? (ARCH1102_Foxa3/Foxa1/Foxa2_...)



6: 57 peaks (3.2%)

Foxn4/Foxn1 (ARCH954_Foxn4/Foxn1)

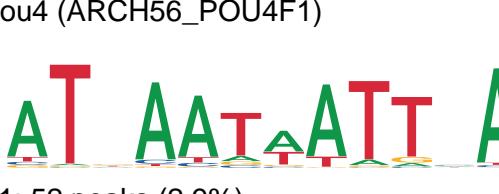


7: 57 peaks (3.2%)

FoxL2 |

FoxA/D? (ARCH1102_Foxa3/Foxa1/Foxa2_...)

Nfyα (ARCH178_Foxc2/Foxc1_Foxg1/G...)



8: 56 peaks (3.2%)

Pou4 (ARCH56_POU4F1)



Homeodomains.HG1.61:NOTO (ARCH225_...)

9: 55 peaks (3.1%)

FoxL2 |

FoxA/D? (ARCH1102_Foxa3/Foxa1/Foxa2_...)

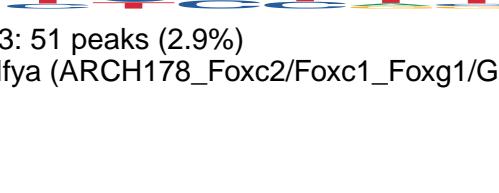
zf-C2H2.HG1.35:FEZF1/FEZF2/GFI1/GFI1B

Egr3/Egr1 |

Insm1 |

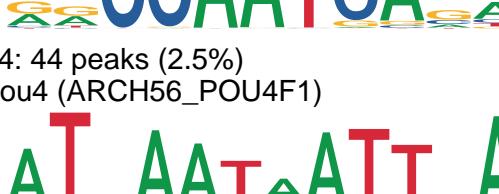
Zfp637/Zfp944/Zfp942 |

Myt1l/St18/Myt1 (ARCH530_Snai2)



10: 54 peaks (3.1%)

Pou4 (ARCH56_POU4F1)

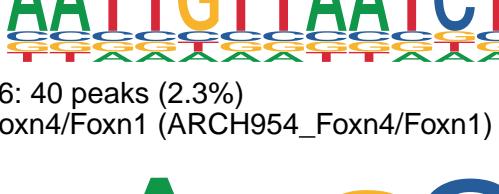


Pbx4/Pbx2/Pbx1 |

Homeodomains.HG1.37:NKX6-1/NKX6-2/N

11: 52 peaks (2.9%)

Foxn4/Foxn1 (ARCH954_Foxn4/Foxn1)



12: 52 peaks (2.9%)

FoxL2 |

FoxA/D? (ARCH1102_Foxa3/Foxa1/Foxa2_...)

zf-C2H2.HG1.35:FEZF1/FEZF2/GFI1/GFI1B

Egr3/Egr1 |

Insm1 |

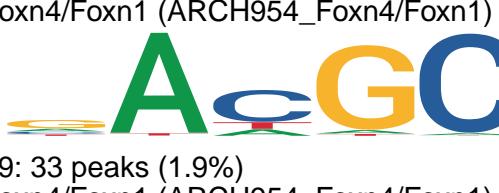
Zfp637/Zfp944/Zfp942 |

Myt1l/St18/Myt1 (ARCH530_Snai2)



13: 51 peaks (2.9%)

Nfyα (ARCH178_Foxc2/Foxc1_Foxg1/G...)



14: 44 peaks (2.5%)

Pou4 (ARCH56_POU4F1)



15: 43 peaks (2.4%)

SoxB2/Sox3 (ARCH1040_PB0066.1_Sox17)

16: 40 peaks (2.3%)

Foxn4/Foxn1 (ARCH954_Foxn4/Foxn1)

17: 39 peaks (2.2%)

Pou4 (ARCH56_POU4F1)

18: 36 peaks (2.0%)

Foxn4/Foxn1 (ARCH954_Foxn4/Foxn1)

19: 33 peaks (1.9%)

Foxn4/Foxn1 (ARCH954_Foxn4/Foxn1)

20: 33 peaks (1.9%)

SoxB2/Sox3 (ARCH1040_PB0066.1_Sox17)

neuron_Pou4_FoxL2_3

1: 150 peaks (6.8%)

Arid3c/Arid3a/Arid3b (ARCH13_Arid2_Arid3b...)

FoxA/D? (ARCH1102_Foxa3/Foxa1/Foxa2...)



2: 133 peaks (6.1%)

Arid3c/Arid3a/Arid3b (ARCH13_Arid2_Arid3b...)

Homeodomains.HG1.61:NOTO (ARCH225_...)

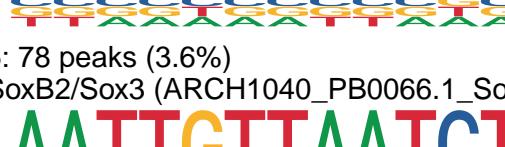


3: 106 peaks (4.8%)

FoxL2 |

FoxA/D? (ARCH1102_Foxa3/Foxa1/Foxa2...)

Homeodomains.HG1.61:NOTO (ARCH225_...)



4: 85 peaks (3.9%)

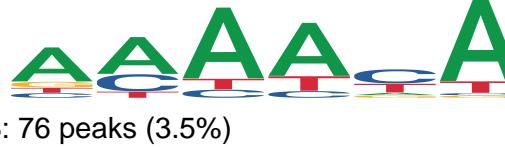
SoxB2/Sox3 (ARCH1040_PB0066.1_Sox17_FoxL2 |

FoxA/D? (ARCH1102_Foxa3/Foxa1/Foxa2...)



5: 78 peaks (3.6%)

SoxB2/Sox3 (ARCH1040_PB0066.1_Sox17_Arid3c/Arid3a/Arid3b (ARCH13_Arid2_Arid3b...))



6: 76 peaks (3.5%)

Arid3c/Arid3a/Arid3b (ARCH13_Arid2_Arid3b...)

Pbx4/Pbx2/Pbx1 |

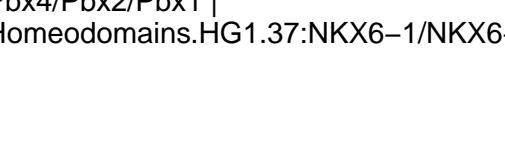
Homeodomains.HG1.37:NKX6-1/NKX6-2/N



7: 76 peaks (3.5%)

FoxL2 |

FoxA/D? (ARCH1102_Foxa3/Foxa1/Foxa2_Homeodomains.HG1.37:NKX6-1/NKX6-2/N



8: 76 peaks (3.5%)

FoxL2 |

FoxA/D? (ARCH1102_Foxa3/Foxa1/Foxa2_zf-C2H2.HG1.35:FEZF1/FEZF2/GFI1/GFI1E

Egr3/Egr1 |

Insm1 |

Zfp637/Zfp944/Zfp942 |

Myt1l/St18/Myt1 (ARCH530_Snai2)



9: 73 peaks (3.3%)

Arid3c/Arid3a/Arid3b (ARCH13_Arid2_Arid3b...)

zf-C2H2.HG1.35:FEZF1/FEZF2/GFI1/GFI1E



10: 73 peaks (3.3%)

Pbx4/Pbx2/Pbx1 |

Homeodomains.HG1.37:NKX6-1/NKX6-2/N

Insm1 |

Zfp637/Zfp944/Zfp942 |

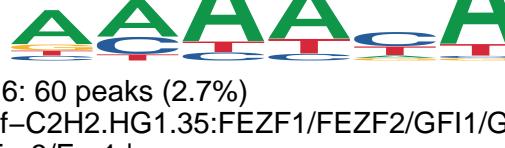
Myt1l/St18/Myt1 (ARCH530_Snai2)



11: 71 peaks (3.2%)

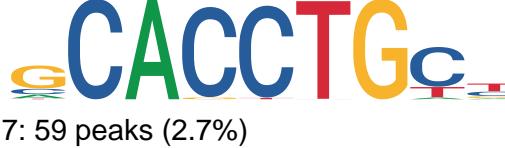
Arid3c/Arid3a/Arid3b (ARCH13_Arid2_Arid3b...)

zf-C2H2.HG1.35:FEZF1/FEZF2/GFI1/GFI1E



12: 68 peaks (3.1%)

Homeodomains.HG1.61:NOTO (ARCH225_Homeodomains.HG1.51:like:AC004080.3/AC



13: 67 peaks (3.1%)

SoxB2/Sox3 (ARCH1040_PB0066.1_Sox17_Homeodomains.HG1.61:NOTO (ARCH225_...))



14: 63 peaks (2.9%)

Arid3c/Arid3a/Arid3b (ARCH13_Arid2_Arid3b...)

Zfp764/E430018J23Rik/Zfp689/9130019O22



15: 63 peaks (2.9%)

FoxL2 |

FoxA/D? (ARCH1102_Foxa3/Foxa1/Foxa2...)

Homeodomains.HG1.51:like:AC004080.3/AC



16: 60 peaks (2.7%)

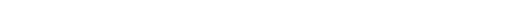
zf-C2H2.HG1.35:FEZF1/FEZF2/GFI1/GFI1E



17: 59 peaks (2.7%)

Arid3c/Arid3a/Arid3b (ARCH13_Arid2_Arid3b...)

zf-Ar035/Homodomain.HG1.51:like:AC004080.3/AC



18: 57 peaks (2.6%)

FoxL2 |

FoxA/D? (ARCH1102_Foxa3/Foxa1/Foxa2...)

Zfp764/E430018J23Rik/Zfp689/9130019O22

19: 55 peaks (2.5%)

Pbx4/Pbx2/Pbx1 |

Homeodomains.HG1.37:NKX6-1/NKX6-2/NKX6-3 (ARCH121_Nfy_a_Pbx4/Pbx2/Pbx1...)

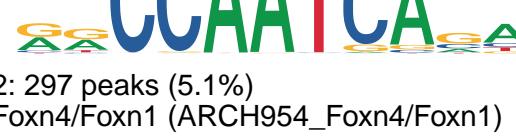
20: 53 peaks (2.4%)

Zfp764/E430018J23Rik/Zfp689/9130019O22

neuronal_gastrula

1: 322 peaks (5.5%)

Nfyα (ARCH178_Foxc2/Foxc1_Foxg1/G...) Foxn4/Foxn1 (ARCH954_Foxn4/Foxn1)



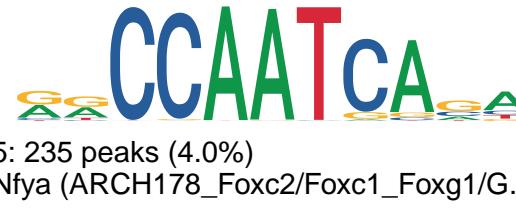
2: 297 peaks (5.1%)

Foxn4/Foxn1 (ARCH954_Foxn4/Foxn1)



3: 267 peaks (4.6%)

Foxn4/Foxn1 (ARCH954_Foxn4/Foxn1)



4: 260 peaks (4.4%)

Nfyα (ARCH178_Foxc2/Foxc1_Foxg1/G...) FoxL2 |

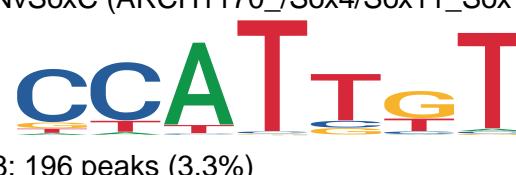
FoxA/D? (ARCH1102_Foxa3/Foxa1/Foxa2_...)



5: 235 peaks (4.0%)

Nfyα (ARCH178_Foxc2/Foxc1_Foxg1/G...) NvSox2 |

NvSoxC (ARCH1170_Sox4/Sox11_Sox13/...)



6: 226 peaks (3.9%)

Foxn4/Foxn1 (ARCH954_Foxn4/Foxn1)

Arid3c/Arid3a/Arid3b (ARCH13_Arid2_Arid3...)



7: 205 peaks (3.5%)

NvSox2 | NvSoxC (ARCH1170_Sox4/Sox11_Sox13/...)

FoxL2 | FoxA/D? (ARCH1102_Foxa3/Foxa1/Foxa2_...)



8: 196 peaks (3.3%)

Nfyα (ARCH178_Foxc2/Foxc1_Foxg1/G...) Arid3c/Arid3a/Arid3b (ARCH13_Arid2_Arid3...)

Arid3c/Arid3a/Arid3b (ARCH13_Arid2_Arid3...)



9: 191 peaks (3.3%)

Arid3c/Arid3a/Arid3b (ARCH13_Arid2_Arid3...)

FoxA/D? (ARCH1102_Foxa3/Foxa1/Foxa2_...)



10: 169 peaks (2.9%)

Arid3c/Arid3a/Arid3b (ARCH13_Arid2_Arid3...)

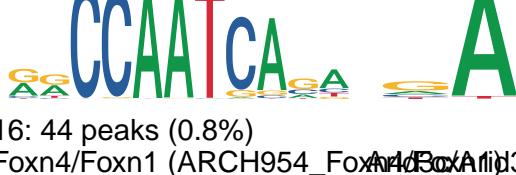
NvSoxC (ARCH1170_Sox4/Sox11_Sox13/...)



11: 68 peaks (1.2%)

Nfyα (ARCH178_Foxc2/Foxc1_Foxg1/G...) FoxA/D? (ARCH1102_Foxa3/Foxa1/Foxa2_...)

FoxA/D? (ARCH1102_Foxa3/Foxa1/Foxa2_...)



12: 60 peaks (1.0%)

Foxn4/Foxn1 (ARCH954_Foxn4/Foxn1)

FoxL2 | NvSoxC (ARCH1170_Sox4/Sox11_Sox13/...)



13: 51 peaks (0.9%)

Nfyα (ARCH178_Foxc2/Foxc1_Foxg1/G...) FoxA/D? (ARCH1102_Foxa3/Foxa1/Foxa2_...)

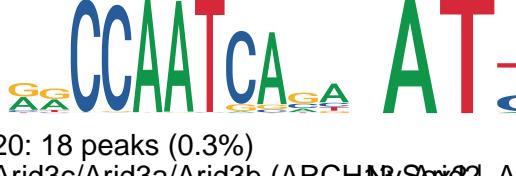
NvSoxC (ARCH1170_Sox4/Sox11_Sox13/...)



14: 48 peaks (0.8%)

Nfyα (ARCH178_Foxc2/Foxc1_Foxg1/G...) NvSoxC (ARCH1170_Sox4/Sox11_Sox13/...)

FoxL2 | FoxA/D? (ARCH1102_Foxa3/Foxa1/Foxa2_...)



15: 46 peaks (0.8%)

Nfyα (ARCH178_Foxc2/Foxc1_Foxg1/G...) FoxA/D? (ARCH1102_Foxa3/Foxa1/Foxa2_...)

Arid3c/Arid3a/Arid3b (ARCH13_Arid2_Arid3...)



16: 44 peaks (0.8%)

Foxn4/Foxn1 (ARCH954_Foxn4/Foxn1)

Arid3c/Arid3a/Arid3b (ARCH13_Arid2_Arid3...)

17: 38 peaks (0.6%)

Nfyα (ARCH178_Foxc2/Foxc1_Foxg1/G...) NvSoxC (ARCH1170_Sox4/Sox11_Sox13/...)

FoxL2 | FoxA/D? (ARCH1102_Foxa3/Foxa1/Foxa2_...)

18: 38 peaks (0.6%)

Foxn4/Foxn1 (ARCH954_Foxn4/Foxn1)

Arid3c/Arid3a/Arid3b (ARCH13_Arid2_Arid3...)

19: 34 peaks (0.6%)

Nfyα (ARCH178_Foxc2/Foxc1_Foxg1/G...) FoxA/D? (ARCH1102_Foxa3/Foxa1/Foxa2_...)

FoxA/D? (ARCH1102_Foxa3/Foxa1/Foxa2_...)

20: 18 peaks (0.3%)

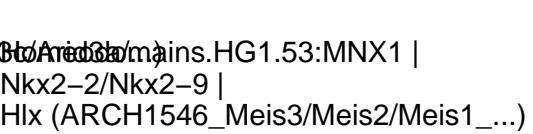
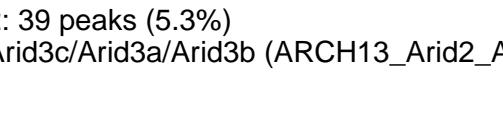
Arid3c/Arid3a/Arid3b (ARCH13_Arid2_Arid3...)

FoxL2 | NvSoxC (ARCH1170_Sox4/Sox11_Sox13/...)

gland

1: 45 peaks (6.1%)

Arid3c/Arid3a/Arid3b (ARCH13_Arid2_Arid3b) | Pbx4/Pbx2/Pbx1 | Homeodomains.HG1.37:NKX6-1/NKX6-2/N



2: 39 peaks (5.3%)

Arid3c/Arid3a/Arid3b (ARCH13_Arid2_Arid3b) | Pbx4/Pbx2/Pbx1 | Homeodomains.HG1.37:NKX6-1/NKX6-2/N



3: 35 peaks (4.7%)

Homeodomains.HG1.53:MNX1 | Nkx2-2/Nkx2-9 | Hlx (ARCH1546_Meis3/Meis2/Meis1_...)



4: 33 peaks (4.5%)

Arid3c/Arid3a/Arid3b (ARCH13_Arid2_Arid3b) | Foxn4/Foxn1 (ARCH954_Foxn4/Foxn1)



5: 33 peaks (4.5%)

Homeodomains.HG1.53:MNX1 | Nkx2-2/Nkx2-9 | Hlx (ARCH1546_Meis3/Meis2/Meis1_...)



6: 30 peaks (4.1%)

Pbx4/Pbx2/Pbx1 | Homeodomains.HG1.37:NKX6-1/NKX6-2/N



7: 27 peaks (3.7%)

Homeodomains.HG1.53:MNX1 | Nkx2-2/Nkx2-9 | Hlx (ARCH1546_Meis3/Meis2/Meis1_...)



8: 27 peaks (3.7%)

Homeodomains.HG1.53:MNX1 | Nkx2-2/Nkx2-9 | Hlx (ARCH1546_Meis3/Meis2/Meis1_...)



9: 26 peaks (3.5%)

Foxn4/Foxn1 (ARCH954_Foxn4/Foxn1)



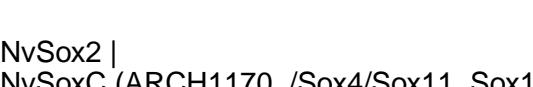
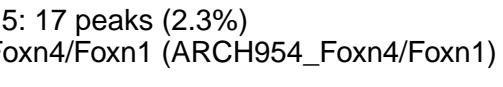
10: 25 peaks (3.4%)

Arid3c/Arid3a/Arid3b (ARCH13_Arid2_Arid3b) | Foxn4/Foxn1 (ARCH954_Foxn4/Foxn1) | Egr3/Egr1 | Insm1 | Zfp637/Zfp944/Zfp942 | Myt1l/St18/Myt1 (ARCH530_Snai2)



11: 23 peaks (3.1%)

Homeodomains.HG1.53:MNX1 | Nkx2-2/Nkx2-9 | Hlx (ARCH1546_Meis3/Meis2/Meis1_...)



12: 22 peaks (3.0%)

Arid3c/Arid3a/Arid3b (ARCH13_Arid2_Arid3b) | Foxn4/Foxn1 (ARCH954_Foxn4/Foxn1) | Egr3/Egr1 | Insm1 | Zfp637/Zfp944/Zfp942 | Myt1l/St18/Myt1 (ARCH530_Snai2)



13: 20 peaks (2.7%)

Foxn4/Foxn1 (ARCH954_Foxn4/Foxn1)



14: 19 peaks (2.6%)

Pbx4/Pbx2/Pbx1 | Homeodomains.HG1.37:NKX6-1/NKX6-2/N



15: 17 peaks (2.3%)

Foxn4/Foxn1 (ARCH954_Foxn4/Foxn1)



16: 17 peaks (2.3%)

Pbx4/Pbx2/Pbx1 | Homeodomains.HG1.37:NKX6-1/NKX6-2/N



17: 14 peaks (1.9%)

Arid3c/Arid3a/Arid3b (ARCH13_Arid2_Arid3b) | Foxn4/Foxn1 (ARCH954_Foxn4/Foxn1) | Egr3/Egr1 | Insm1 | Zfp637/Zfp944/Zfp942 | Myt1l/St18/Myt1 (ARCH530_Snai2)

18: 14 peaks (1.9%)

zf-C2H2.HG1.35:FEZF1/FEZF2/GFI1/GFI1B | Foxn4/Foxn1 (ARCH954_Foxn4/Foxn1) | Egr3/Egr1 | Insm1 | Zfp637/Zfp944/Zfp942 | Myt1l/St18/Myt1 (ARCH530_Snai2)

19: 13 peaks (1.8%)

Foxn4/Foxn1 (ARCH954_Foxn4/Foxn1)

20: 10 peaks (1.4%)

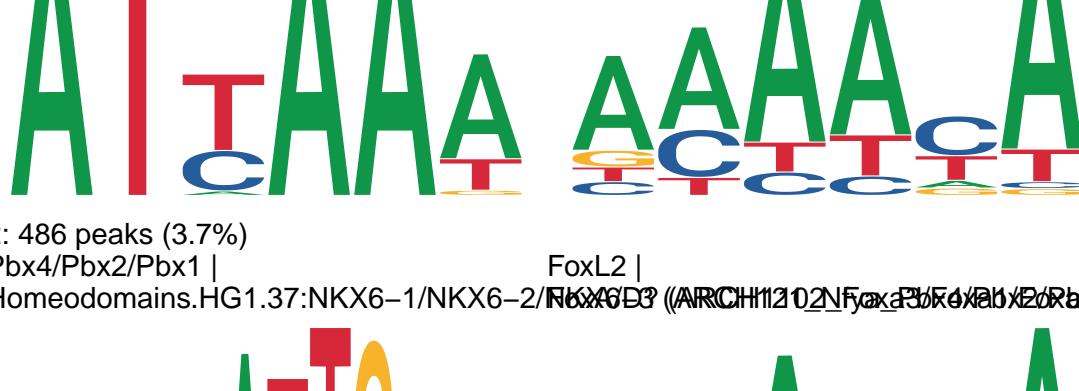
zf-C2H2.HG1.35:FEZF1/FEZF2/GFI1/GFI1B | Foxn4/Foxn1 (ARCH954_Foxn4/Foxn1) | Egr3/Egr1 | Insm1 | Zfp637/Zfp944/Zfp942 | Myt1l/St18/Myt1 (ARCH530_Snai2)

gland_mucin

1. 338 peaks (4.1%)

FOXA/D? (A)

A . A



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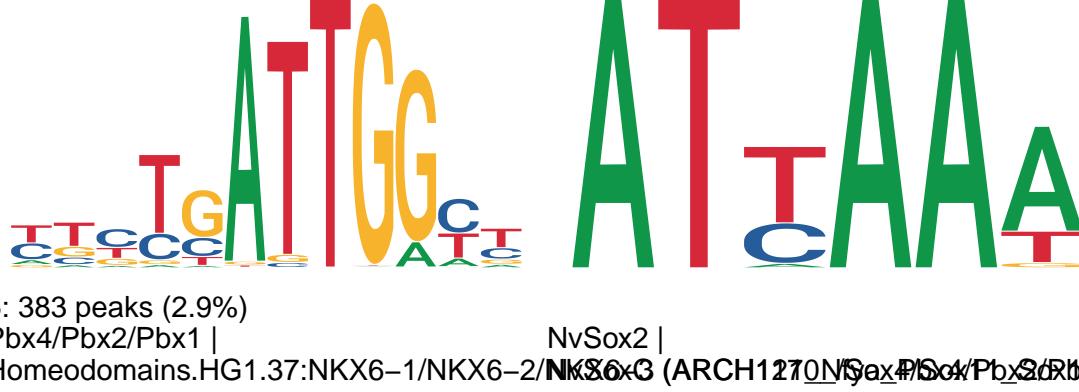
TGCGATTCGCTTAACTTC



4: 387 peaks (3.0%)

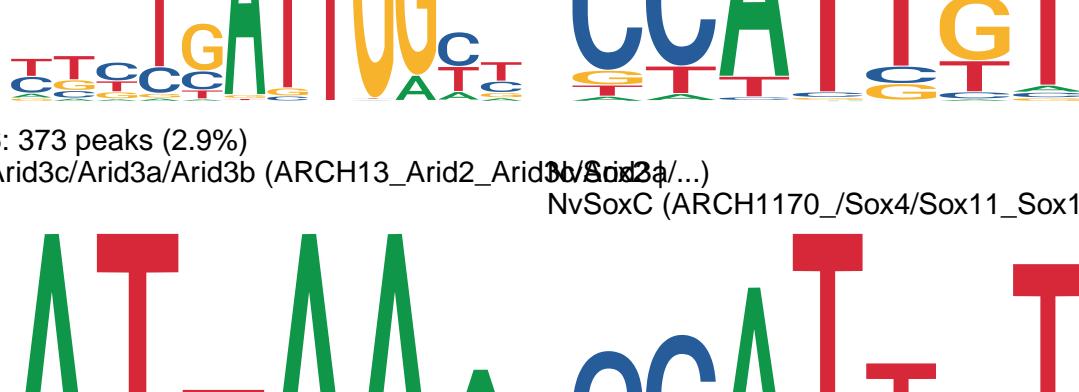
4: 387 pe
Pbx4/Pbx1

Homeodomains.HG1.37:NKX6-1/NKX6-2/NKX6-3 (ARCH121_Nfya_Pbx4/Pbx2/Pbx1)



1

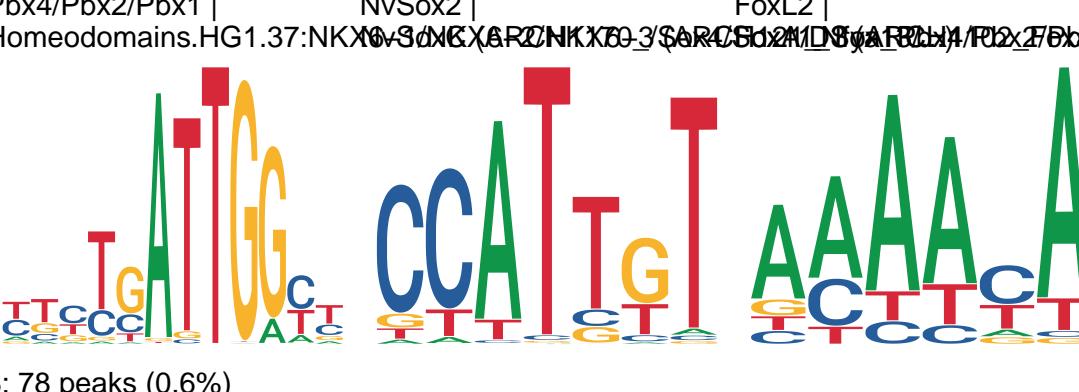
 CFAI T



11

1110

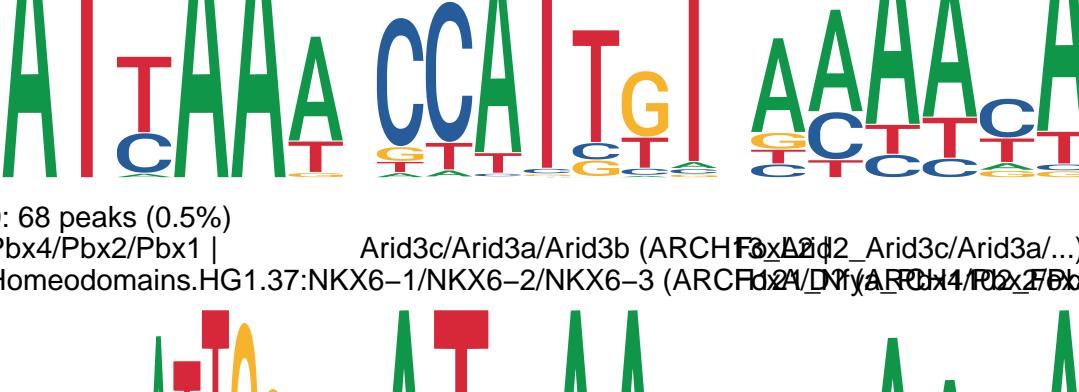
7: 88 peaks (0.7%)
D₁/(D₁+D₂) = 0.75 N₂ = 0.1 T₁ = 0.1



AndSC/AndSa/And

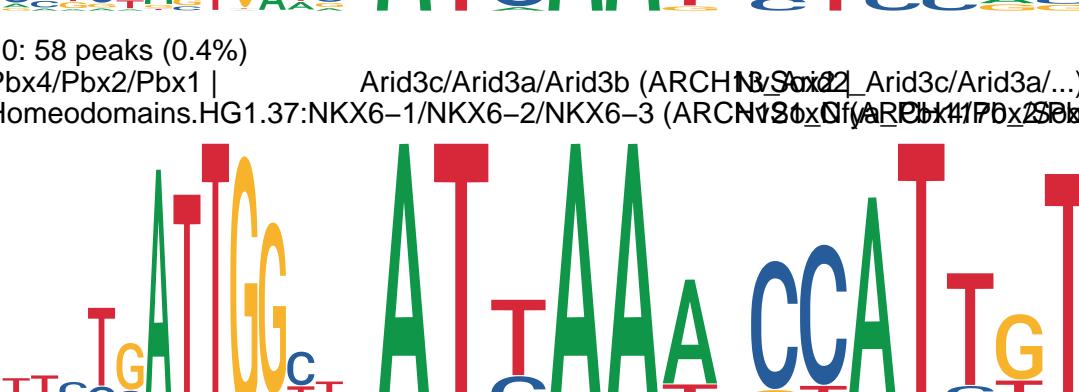
10 of 10

— A — B — C — D — E — F — G — H — I — J — K — L — M — N — O — P — Q — R — S — T — U — V — W — X — Y — Z



1

10



11: 4 peaks (0.0%)

Pbx4/Pbx2/Pbx1 |
Homeodomains HC