cnidocyte

1: 865 peaks (43.2%)
ARCH647_Smad2/Smad3_Smad9/S... ARCH438_Spdef

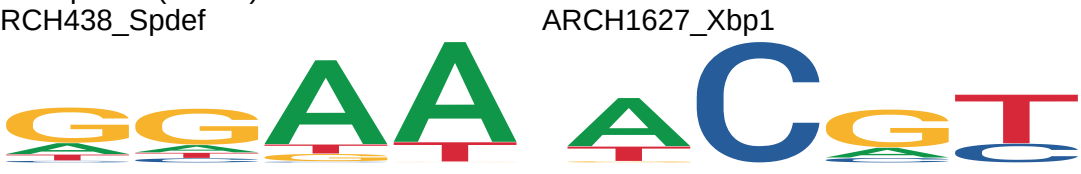
2: 636 peaks (31.8%)
ARCH438_Spdef ARCH483_Tbx3/Tbx2

3: 563 peaks (28.1%)
ARCH647_Smad2/Smad3_Smad9/S... ARCH483_Tbx3/Tbx2

4: 503 peaks (25.1%)
ARCH438_Spdef ARCH1408_GATA20

5: 454 peaks (22.7%)
ARCH647_Smad2/Smad3_Smad9/S... ARCH1408_GATA20

6: 388 peaks (19.4%)
ARCH438_Spdef ARCH1627_Xbp1



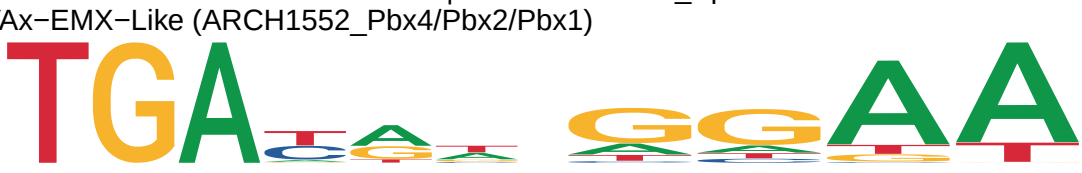
7: 382 peaks (19.1%)
ARCH647_Smad2/Smad3_Smad9/S... ARCH438_Spdef ARCH483_Tbx3/Tbx2

8: 336 peaks (16.8%)
ARCH647_Smad2/Smad3_Smad9/S... ARCH1627_Xbp1

9: 319 peaks (15.9%)
ARCH438_Spdef FoxL2 | FoxA/D? (ARCH1102_Foxa3/Foxa1/Foxa2_.

10: 315 peaks (15.7%)
ARCH483_Tbx3/Tbx2 ARCH1408_GATA20

11: 309 peaks (15.4%)
Homeodomains.HG1.54:like:NOTO | VAx−EMX−Like (ARCH1552_Pbx4/Pbx2/Pbx1) ARCH438_Spdef



12: 309 peaks (15.4%)
ARCH647_Smad2/Smad3_Smad9/S... ARCH438_Spdef ARCH1408_GATA20

13: 270 peaks (13.5%)
ARCH647_Smad2/Smad3_Smad9/S... FoxL2 | FoxA/D? (ARCH1102_Foxa3/Foxa1/Foxa2_.

14: 263 peaks (13.1%)
ARCH647_Smad2/Smad3_Smad9/S... Homeodomains.HG1.54:like:NOTO | VAx−EMX−Like (ARCH1552_Pbx4/Pbx2/Pbx

15: 245 peaks (12.2%)
ARCH438_Spdef zf−C2H2.HG1.35:FEZF1/FEZF2/GFI1/GFI1E Egr3/Egr1 | Insm1 | Zfp637/Zfp944/Zfp942 | Myt1l/St18/Myt1 (ARCH530_Snai2)

16: 245 peaks (12.2%)
ARCH438_Spdef Pou4 (ARCH56_POU4F1)

17: 243 peaks (12.1%)
ARCH647_Smad2/Smad3_Smad9/S... ARCH438_Spdef ARCH1627_Xbp1

18: 241 peaks (12.0%)
ARCH1627_Xbp1 ARCH483_Tbx3/Tbx2

19: 228 peaks (11.4%)
ARCH438_Spdef ARCH483_Tbx3/Tbx2 ARCH1408_GATA20

20: 221 peaks (11.0%)
ARCH647_Smad2/Smad3_Smad9/S... zf−C2H2.HG1.35:FEZF1/FEZF2/GFI1/GFI1E Egr3/Egr1 | Insm1 | Zfp637/Zfp944/Zfp942 | Myt1l/St18/Myt1 (ARCH530_Snai2)

cnidocyte_gastrula

1: 8266 peaks (49.7%)
ARCH438_Spdef

ARCH647_Smad2/Smad3_Smad9/S...

2: 5002 peaks (30.1%)
ARCH438_Spdef

ARCH483_Tbx3/Tbx2

3: 4964 peaks (29.8%)
ARCH1408_GATA20

ARCH438_Spdef

4: 4257 peaks (25.6%)
ARCH483_Tbx3/Tbx2

ARCH647_Smad2/Smad3_Smad9/S...

5: 4248 peaks (25.5%)
ARCH1408_GATA20

ARCH647_Smad2/Smad3_Smad9/S...

6: 3795 peaks (22.8%)
ARCH438_Spdef

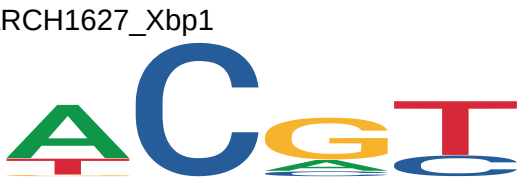
ARCH1627_Xbp1

7: 3253 peaks (19.6%)
ARCH438_Spdef

ARCH483_Tbx3/Tbx2

ARCH647_Smad2/Smad3_Sr

8: 3243 peaks (19.5%)
ARCH647_Smad2/Smad3_Smad9/S...

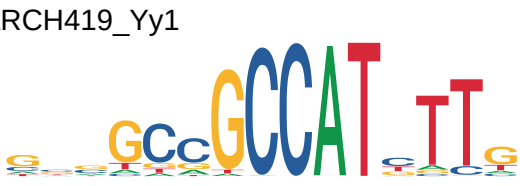
ARCH1627_Xbp1


9: 3226 peaks (19.4%)
ARCH1408_GATA20

ARCH438_Spdef

ARCH647_Smad2/Smad3_Sr

10: 2598 peaks (15.6%)
ARCH438_Spdef

ARCH419_Yy1


11: 2505 peaks (15.1%)
ARCH1408_GATA20

ARCH483_Tbx3/Tbx2

12: 2472 peaks (14.9%)
ARCH438_Spdef

ARCH647_Smad2/Smad3_Smad9/S...

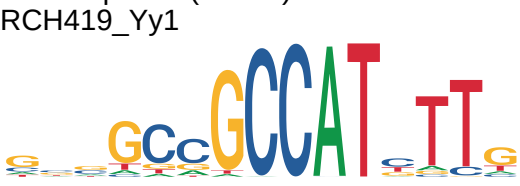
ARCH1627_Xbp1

13: 2232 peaks (13.4%)
ARCH438_Spdef

Homeodomains.HG1.54:like:NOTO | VAx−EMX−Like (ARCH1552_Pbx4/Pbx2/Pbx

14: 2226 peaks (13.4%)
ARCH438_Spdef

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

15: 2146 peaks (12.9%)
ARCH419_Yy1

ARCH647_Smad2/Smad3_Smad9/S...

16: 2067 peaks (12.4%)
ARCH438_Spdef

Foxn4/Foxn1 (ARCH954_Foxn4/Foxn1)

17: 1976 peaks (11.9%)
ARCH1408_GATA20

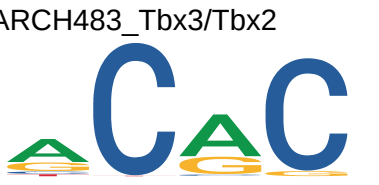
ARCH1627_Xbp1

18: 1942 peaks (11.7%)
ARCH647_Smad2/Smad3_Smad9/S...

Homeodomains.HG1.54:like:NOTO | VAx−EMX−Like (ARCH1552_Pbx4/Pbx2/Pbx

19: 1939 peaks (11.7%)
ARCH1408_GATA20

ARCH438_Spdef

ARCH483_Tbx3/Tbx2


20: 1933 peaks (11.6%)
ARCH438_Spdef

ARCH1420_RUNX2

ecto_pharynx

1: 10292 peaks (50.1%)
ARCH438_Spdef

ARCH647_Smad2/Smad3_Smad9/S...

2: 6141 peaks (29.9%)
ARCH438_Spdef

ARCH483_Tbx3/Tbx2

3: 5302 peaks (25.8%)
ARCH483_Tbx3/Tbx2

ARCH647_Smad2/Smad3_Smad9/S...

4: 5070 peaks (24.7%)
ARCH1408_GATA20

ARCH438_Spdef

5: 4707 peaks (22.9%)
ARCH438_Spdef

ARCH1627_Xbp1

6: 4391 peaks (21.4%)
ARCH1408_GATA20

ARCH647_Smad2/Smad3_Smad9/S...

7: 4066 peaks (19.8%)
ARCH647_Smad2/Smad3_Smad9/S...

ARCH1627_Xbp1

8: 4023 peaks (19.6%)
ARCH438_Spdef

ARCH483_Tbx3/Tbx2

ARCH647_Smad2/Smad3_Sm

9: 3306 peaks (16.1%)
ARCH1408_GATA20

ARCH438_Spdef

ARCH647_Smad2/Smad3_Sm

10: 3054 peaks (14.9%)
ARCH438_Spdef

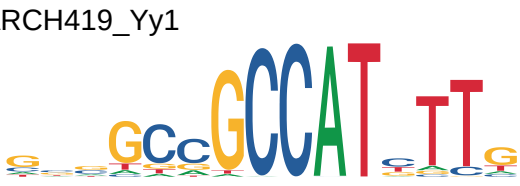
ARCH647_Smad2/Smad3_Smad9/S...

ARCH1627_Xbp1

11: 3026 peaks (14.7%)
ARCH438_Spdef

Homeodomains.HG1.54:like:NOTO |
VAx−EMX−Like (ARCH1552_Pbx4/Pbx2/Pbx

12: 2979 peaks (14.5%)
ARCH438_Spdef

ARCH419_Yy1


13: 2648 peaks (12.9%)
ARCH647_Smad2/Smad3_Smad9/S...

Homeodomains.HG1.54:like:NOTO |
VAx−EMX−Like (ARCH1552_Pbx4/Pbx2/Pbx

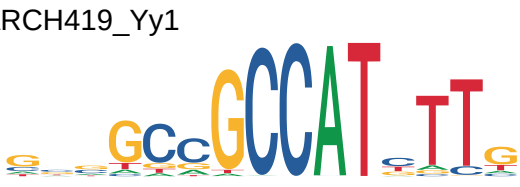
14: 2627 peaks (12.8%)
ARCH438_Spdef

Foxn4/Foxn1 (ARCH954_Foxn4/Foxn1)

15: 2608 peaks (12.7%)
ARCH1408_GATA20

ARCH483_Tbx3/Tbx2

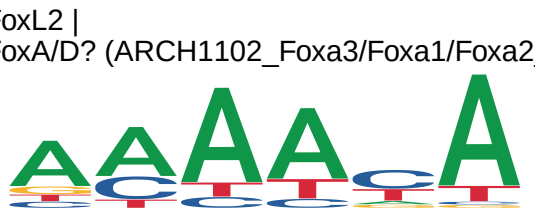
16: 2453 peaks (11.9%)
ARCH647_Smad2/Smad3_Smad9/S...

ARCH419_Yy1


17: 2438 peaks (11.9%)
ARCH483_Tbx3/Tbx2

ARCH1627_Xbp1

18: 2434 peaks (11.9%)
ARCH438_Spdef

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


19: 2281 peaks (11.1%)
Foxn4/Foxn1 (ARCH954_Foxn4/Foxn1)

ARCH647_Smad2/Smad3_Smad9/S...

20: 2270 peaks (11.1%)
ARCH438_Spdef

ARCH1103_M09140_2.00__M0918...

ectoderm

1: 14141 peaks (51.3%)
ARCH438_Spdef

ARCH647_Smad2/Smad3_Smad9/S...

2: 8495 peaks (30.8%)
ARCH438_Spdef

ARCH483_Tbx3/Tbx2

3: 7357 peaks (26.7%)
ARCH483_Tbx3/Tbx2

ARCH647_Smad2/Smad3_Smad9/S...

4: 7001 peaks (25.4%)
ARCH1408_GATA20

ARCH438_Spdef

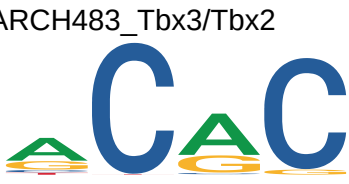
5: 6495 peaks (23.6%)
ARCH438_Spdef

ARCH1627_Xbp1

6: 6057 peaks (22.0%)
ARCH1408_GATA20

ARCH647_Smad2/Smad3_Smad9/S...

7: 5655 peaks (20.5%)
ARCH438_Spdef

ARCH483_Tbx3/Tbx2

ARCH647_Smad2/Smad3_Sr

8: 5534 peaks (20.1%)
ARCH647_Smad2/Smad3_Smad9/S...

ARCH1627_Xbp1

9: 4676 peaks (17.0%)
ARCH1408_GATA20

ARCH438_Spdef

ARCH647_Smad2/Smad3_Sr

10: 4441 peaks (16.1%)
ARCH438_Spdef

Homeodomains.HG1.54:like:NOTO |
VAx−EMX−Like (ARCH1552_Pbx4/Pbx2/Pbx

11: 4243 peaks (15.4%)
ARCH438_Spdef

ARCH647_Smad2/Smad3_Smad9/S...

ARCH1627_Xbp1

12: 3872 peaks (14.1%)
ARCH647_Smad2/Smad3_Smad9/S...

Homeodomains.HG1.54:like:NOTO |
VAx−EMX−Like (ARCH1552_Pbx4/Pbx2/Pbx

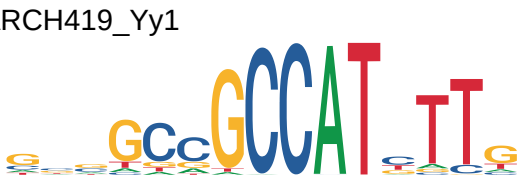
13: 3616 peaks (13.1%)
ARCH1408_GATA20

ARCH483_Tbx3/Tbx2

14: 3553 peaks (12.9%)
ARCH438_Spdef

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

15: 3551 peaks (12.9%)
ARCH438_Spdef

ARCH419_Yy1


16: 3538 peaks (12.8%)
ARCH438_Spdef

Foxn4/Foxn1 (ARCH954_Foxn4/Foxn1)

17: 3343 peaks (12.1%)
ARCH483_Tbx3/Tbx2

ARCH1627_Xbp1

18: 3259 peaks (11.8%)
ARCH438_Spdef

ARCH1103_M09140_2.00__M0918...

19: 3105 peaks (11.3%)
Foxn4/Foxn1 (ARCH954_Foxn4/Foxn1)

ARCH647_Smad2/Smad3_Smad9/S...

20: 3042 peaks (11.0%)
FoxL2 |
FoxA/D? (ARCH1102_Foxa3/Foxa1/Foxa2_...)

ARCH647_Smad2/Smad3_Smad9/S...

ecto_aboral

1: 13850 peaks (52.0%)
ARCH438_Spdef

ARCH647_Smad2/Smad3_Smad9/S...

2: 8226 peaks (30.9%)
ARCH438_Spdef

ARCH483_Tbx3/Tbx2

3: 7298 peaks (27.4%)
ARCH483_Tbx3/Tbx2

ARCH647_Smad2/Smad3_Smad9/S...

4: 6648 peaks (24.9%)
ARCH1408_GATA20

ARCH438_Spdef

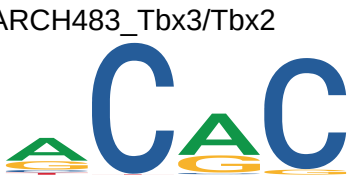
5: 6304 peaks (23.7%)
ARCH438_Spdef

ARCH1627_Xbp1

6: 5835 peaks (21.9%)
ARCH1408_GATA20

ARCH647_Smad2/Smad3_Smad9/S...

7: 5569 peaks (20.9%)
ARCH438_Spdef

ARCH483_Tbx3/Tbx2

ARCH647_Smad2/Smad3_Sr

8: 5494 peaks (20.6%)
ARCH647_Smad2/Smad3_Smad9/S...

ARCH1627_Xbp1

9: 4495 peaks (16.9%)
ARCH1408_GATA20

ARCH438_Spdef

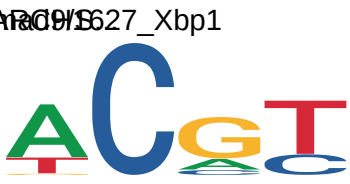
ARCH647_Smad2/Smad3_Sr

10: 4472 peaks (16.8%)
ARCH438_Spdef

Homeodomains.HG1.54:like:NOTO |
VAx−EMX−Like (ARCH1552_Pbx4/Pbx2/Pbx

11: 4229 peaks (15.9%)
ARCH438_Spdef

ARCH647_Smad2/Smad3_Smad9/S...

ARCH1627_Xbp1


12: 3997 peaks (15.0%)
ARCH647_Smad2/Smad3_Smad9/S...

Homeodomains.HG1.54:like:NOTO |
VAx−EMX−Like (ARCH1552_Pbx4/Pbx2/Pbx

13: 3530 peaks (13.2%)
ARCH438_Spdef

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

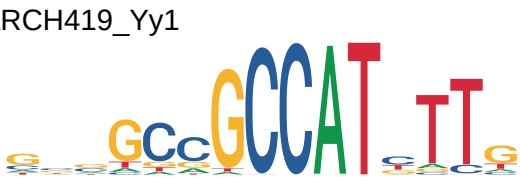
14: 3483 peaks (13.1%)
ARCH1408_GATA20

ARCH483_Tbx3/Tbx2

15: 3408 peaks (12.8%)
ARCH438_Spdef

Foxn4/Foxn1 (ARCH954_Foxn4/Foxn1)

16: 3398 peaks (12.7%)
ARCH438_Spdef

ARCH419_Yy1


17: 3277 peaks (12.3%)
ARCH483_Tbx3/Tbx2

ARCH1627_Xbp1

18: 3103 peaks (11.6%)
FoxL2 |
FoxA/D? (ARCH1102_Foxa3/Foxa1/Foxa2_...)

ARCH647_Smad2/Smad3_Smad9/S...

19: 3074 peaks (11.5%)
ARCH438_Spdef

ARCH1103_M09140_2.00__M0918...

20: 3041 peaks (11.4%)
Foxn4/Foxn1 (ARCH954_Foxn4/Foxn1)

ARCH647_Smad2/Smad3_Smad9/S...

EMS

1: 12936 peaks (50.0%)
ARCH438_Spdef

ARCH647_Smad2/Smad3_Smad9/S...

2: 9189 peaks (35.5%)
ARCH438_Spdef

ARCH483_Tbx3/Tbx2

3: 8234 peaks (31.8%)
ARCH1408_GATA20

ARCH438_Spdef

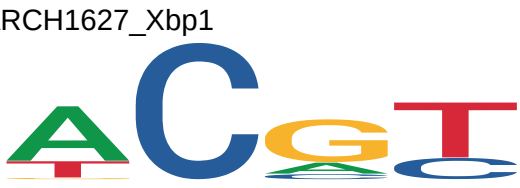
4: 7778 peaks (30.0%)
ARCH483_Tbx3/Tbx2

ARCH647_Smad2/Smad3_Smad9/S...

5: 6915 peaks (26.7%)
ARCH1408_GATA20

ARCH647_Smad2/Smad3_Smad9/S...

6: 6276 peaks (24.2%)
ARCH438_Spdef

ARCH1627_Xbp1


7: 5962 peaks (23.0%)
ARCH438_Spdef

ARCH483_Tbx3/Tbx2

ARCH647_Smad2/Smad3_Sr

8: 5275 peaks (20.4%)
ARCH1408_GATA20

ARCH438_Spdef

ARCH647_Smad2/Smad3_Sr

9: 5238 peaks (20.2%)
ARCH647_Smad2/Smad3_Smad9/S...

ARCH1627_Xbp1

10: 4981 peaks (19.2%)
ARCH1408_GATA20

ARCH483_Tbx3/Tbx2

11: 4030 peaks (15.6%)
ARCH438_Spdef

ARCH647_Smad2/Smad3_Smad9/S...

ARCH1627_Xbp1

12: 3784 peaks (14.6%)
ARCH1408_GATA20

ARCH438_Spdef

ARCH483_Tbx3/Tbx2

13: 3771 peaks (14.6%)
ARCH483_Tbx3/Tbx2

ARCH1627_Xbp1

14: 3542 peaks (13.7%)
ARCH438_Spdef

Foxn4/Foxn1 (ARCH954_Foxn4/Foxn1)

15: 3478 peaks (13.4%)
ARCH438_Spdef

Homeodomains.HG1.54:like:NOTO | VAx−EMX−Like (ARCH1552_Pbx4/Pbx2/Pbx

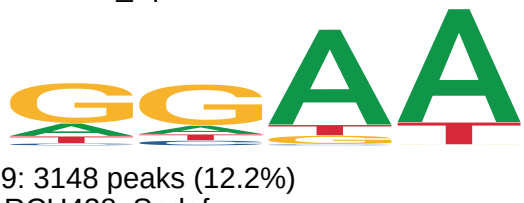
16: 3415 peaks (13.2%)
ARCH1408_GATA20

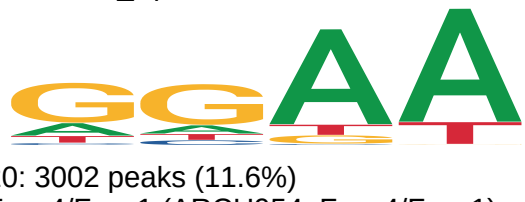
ARCH1627_Xbp1

17: 3184 peaks (12.3%)
ARCH1408_GATA20

ARCH483_Tbx3/Tbx2

ARCH647_Smad2/Smad3_Sr

18: 3179 peaks (12.3%)
ARCH438_Spdef

ARCH400_Max/Ppp5c

19: 3148 peaks (12.2%)
ARCH438_Spdef

ARCH419_Yy1

20: 3002 peaks (11.6%)
Foxn4/Foxn1 (ARCH954_Foxn4/Foxn1)

ARCH647_Smad2/Smad3_Smad9/S...

EMS_ecto_boundary

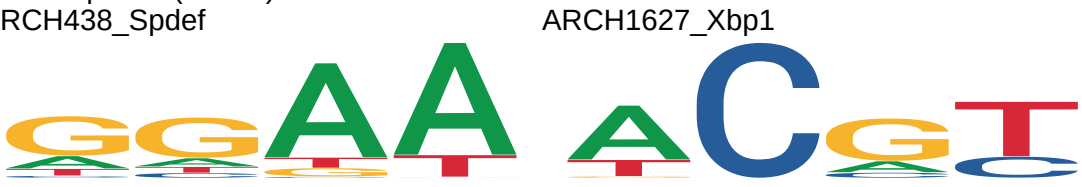
1: 7199 peaks (50.4%)
ARCH438_Spdef
ARCH647_Smad2/Smad3_Smad9/S...

2: 4523 peaks (31.7%)
ARCH438_Spdef
ARCH483_Tbx3/Tbx2

3: 3824 peaks (26.8%)
ARCH483_Tbx3/Tbx2
ARCH647_Smad2/Smad3_Smad9/S...

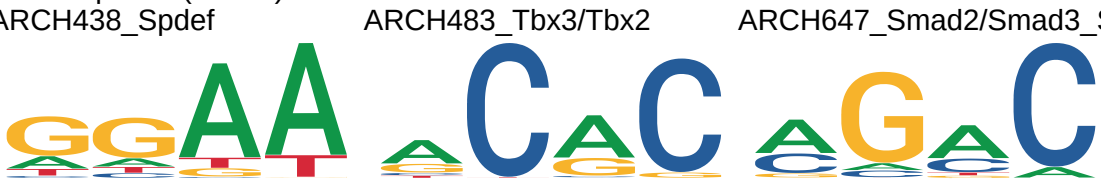
4: 3618 peaks (25.3%)
ARCH1408_GATA20
ARCH438_Spdef

5: 3292 peaks (23.1%)
ARCH438_Spdef
ARCH1627_Xbp1



6: 3075 peaks (21.5%)
ARCH1408_GATA20
ARCH647_Smad2/Smad3_Smad9/S...

7: 2942 peaks (20.6%)
ARCH438_Spdef
ARCH483_Tbx3/Tbx2
ARCH647_Smad2/Smad3_Sr



8: 2842 peaks (19.9%)
ARCH647_Smad2/Smad3_Smad9/S...
ARCH1627_Xbp1

9: 2335 peaks (16.4%)
ARCH1408_GATA20
ARCH438_Spdef
ARCH647_Smad2/Smad3_Sr

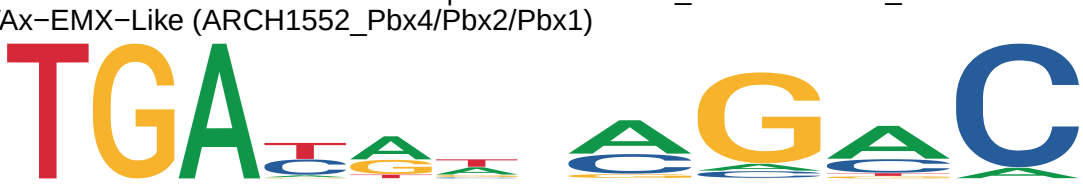
10: 2233 peaks (15.6%)
ARCH438_Spdef
ARCH419_Yy1

11: 2172 peaks (15.2%)
ARCH438_Spdef
Homeodomains.HG1.54:like:NOTO |
VAx−EMX−Like (ARCH1552_Pbx4/Pbx2/Pbx

12: 2149 peaks (15.1%)
ARCH438_Spdef
ARCH647_Smad2/Smad3_Smad9/S...
ARCH1627_Xbp1

13: 1937 peaks (13.6%)
ARCH1408_GATA20
ARCH483_Tbx3/Tbx2

14: 1889 peaks (13.2%)
Homeodomains.HG1.54:like:NOTO |
VAx−EMX−Like (ARCH1552_Pbx4/Pbx2/Pbx1)
ARCH647_Smad2/Smad3_Smad9/S...



15: 1852 peaks (13.0%)
ARCH647_Smad2/Smad3_Smad9/S...
ARCH419_Yy1

16: 1794 peaks (12.6%)
ARCH483_Tbx3/Tbx2
ARCH1627_Xbp1

17: 1792 peaks (12.6%)
ARCH438_Spdef
ARCH400_Max/Ppp5c

18: 1768 peaks (12.4%)
ARCH438_Spdef
Foxn4/Foxn1 (ARCH954_Foxn4/Foxn1)

19: 1645 peaks (11.5%)
ARCH438_Spdef
ARCH1420_RUNX2

20: 1619 peaks (11.3%)
Nfya (ARCH178_Foxc2/Foxc1_Foxg1/G...)
ARCH438_Spdef

gastro_circular_muscle_1

1: 1147 peaks (54.9%)
ARCH647_Smad2/Smad3_Smad9/S...

ARCH438_Spdef

2: 721 peaks (34.5%)
ARCH438_Spdef

ARCH483_Tbx3/Tbx2

3: 720 peaks (34.5%)
ARCH647_Smad2/Smad3_Smad9/S...

ARCH483_Tbx3/Tbx2

4: 696 peaks (33.3%)
ARCH647_Smad2/Smad3_Smad9/S...

ARCH1408_GATA20

5: 695 peaks (33.3%)
ARCH438_Spdef

ARCH1408_GATA20

6: 640 peaks (30.7%)
ARCH647_Smad2/Smad3_Smad9/S...

ARCH1627_Xbp1

7: 637 peaks (30.5%)
ARCH1627_Xbp1

ARCH438_Spdef

8: 535 peaks (25.6%)
ARCH647_Smad2/Smad3_Smad9/S...

ARCH438_Spdef

ARCH483_Tbx3/Tbx2

9: 512 peaks (24.5%)
ARCH647_Smad2/Smad3_Smad9/S...

ARCH438_Spdef

ARCH1408_GATA20

10: 468 peaks (22.4%)
ARCH647_Smad2/Smad3_Smad9/S...

ARCH1627_Xbp1

ARCH438_Spdef

11: 455 peaks (21.8%)
ARCH1408_GATA20

ARCH483_Tbx3/Tbx2

12: 392 peaks (18.8%)
ARCH1627_Xbp1

ARCH483_Tbx3/Tbx2

13: 386 peaks (18.5%)
ARCH1627_Xbp1

ARCH1408_GATA20

14: 374 peaks (17.9%)
ARCH438_Spdef

Foxn4/Foxn1 (ARCH954_Foxn4/Foxn1)

15: 353 peaks (16.9%)
ARCH647_Smad2/Smad3_Smad9/S...

Foxn4/Foxn1 (ARCH954_Foxn4/Foxn1)

16: 336 peaks (16.1%)
ARCH647_Smad2/Smad3_Smad9/S...

ARCH1408_GATA20

ARCH483_Tbx3/Tbx2

17: 327 peaks (15.7%)
ARCH438_Spdef

ARCH1408_GATA20

ARCH483_Tbx3/Tbx2

18: 324 peaks (15.5%)
ARCH647_Smad2/Smad3_Smad9/S...

Homeodomains.HG1.54:like:NOTO | VAx−EMX−Like (ARCH1552_Pbx4/Pbx2/Pbx

19: 318 peaks (15.2%)
Homeodomains.HG1.54:like:NOTO | VAx−EMX−Like (ARCH1552_Pbx4/Pbx2/Pbx1)

ARCH438_Spdef

20: 300 peaks (14.4%)
ARCH647_Smad2/Smad3_Smad9/S...

ARCH1722_Nr2c1/Nr2c2_Nr2f1/...

gastro_circular_muscle_2

1: 1150 peaks (47.4%)
ARCH438_Spdef

ARCH647_Smad2/Smad3_Smad9/S...

2: 862 peaks (35.6%)
ARCH438_Spdef

ARCH483_Tbx3/Tbx2

3: 789 peaks (32.5%)
ARCH438_Spdef

ARCH1408_GATA20

4: 770 peaks (31.8%)
ARCH483_Tbx3/Tbx2

ARCH647_Smad2/Smad3_Smad9/S...

5: 716 peaks (29.5%)
ARCH647_Smad2/Smad3_Smad9/S...

ARCH1408_GATA20

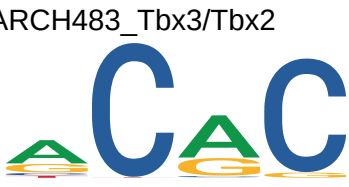
6: 634 peaks (26.2%)
ARCH1627_Xbp1

ARCH438_Spdef

7: 582 peaks (24.0%)
ARCH1627_Xbp1

ARCH647_Smad2/Smad3_Smad9/S...

8: 551 peaks (22.7%)
ARCH438_Spdef

ARCH483_Tbx3/Tbx2

ARCH647_Smad2/Smad3_Sr

9: 541 peaks (22.3%)
ARCH483_Tbx3/Tbx2

ARCH1408_GATA20

10: 496 peaks (20.5%)
ARCH438_Spdef

ARCH647_Smad2/Smad3_Smad9/S...

ARCH1408_GATA20

11: 425 peaks (17.5%)
ARCH1627_Xbp1

ARCH483_Tbx3/Tbx2

12: 423 peaks (17.5%)
ARCH438_Spdef

Homeodomains.HG1.54:like:NOTO | VAx−EMX−Like (ARCH1552_Pbx4/Pbx2/Pbx

13: 419 peaks (17.3%)
ARCH1627_Xbp1

ARCH438_Spdef

ARCH647_Smad2/Smad3_Sr

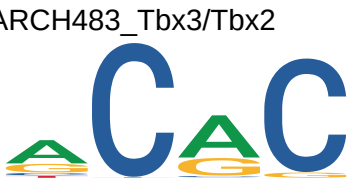
14: 398 peaks (16.4%)
ARCH1627_Xbp1

ARCH1408_GATA20

15: 391 peaks (16.1%)
ARCH438_Spdef

Foxn4/Foxn1 (ARCH954_Foxn4/Foxn1)

16: 390 peaks (16.1%)
ARCH438_Spdef

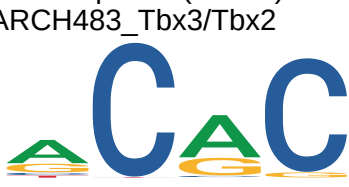
ARCH483_Tbx3/Tbx2

ARCH1408_GATA20

17: 387 peaks (16.0%)
ARCH647_Smad2/Smad3_Smad9/S...

Homeodomains.HG1.54:like:NOTO | VAx−EMX−Like (ARCH1552_Pbx4/Pbx2/Pbx

18: 362 peaks (14.9%)
ARCH647_Smad2/Smad3_Smad9/S...

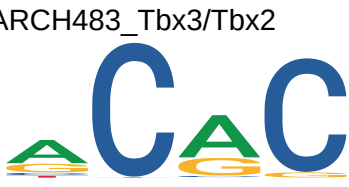
Foxn4/Foxn1 (ARCH954_Foxn4/Foxn1)

19: 349 peaks (14.4%)
ARCH483_Tbx3/Tbx2

ARCH647_Smad2/Smad3_Smad9/S...

ARCH1408_GATA20

20: 304 peaks (12.5%)
ARCH1627_Xbp1

ARCH438_Spdef

ARCH483_Tbx3/Tbx2


gastro_parietal_muscle

1: 1012 peaks (50.9%)
ARCH438_Spdef ARCH647_Smad2/Smad3_Smad9/S...

2: 674 peaks (33.9%)
ARCH438_Spdef ARCH483_Tbx3/Tbx2

3: 614 peaks (30.9%)
ARCH647_Smad2/Smad3_Smad9/S... ARCH483_Tbx3/Tbx2

4: 602 peaks (30.3%)
ARCH1408_GATA20 ARCH438_Spdef

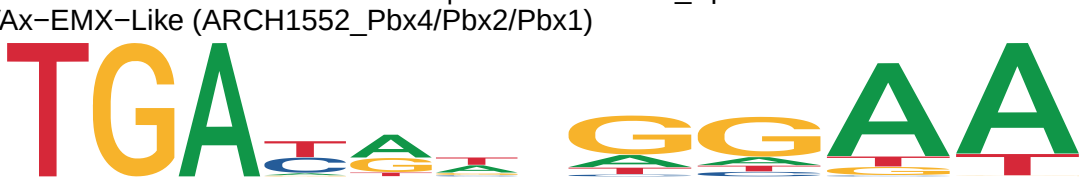
5: 572 peaks (28.8%)
ARCH1627_Xbp1 ARCH438_Spdef

6: 540 peaks (27.1%)
ARCH1408_GATA20 ARCH647_Smad2/Smad3_Smad9/S...

7: 512 peaks (25.7%)
ARCH1627_Xbp1 ARCH647_Smad2/Smad3_Smad9/S...

8: 454 peaks (22.8%)
ARCH438_Spdef ARCH647_Smad2/Smad3_Smad9/S... ARCH483_Tbx3/Tbx2

9: 401 peaks (20.2%)
Homeodomains.HG1.54:like:NOTO | VAx−EMX−Like (ARCH1552_Pbx4/Pbx2/Pbx1) ARCH438_Spdef

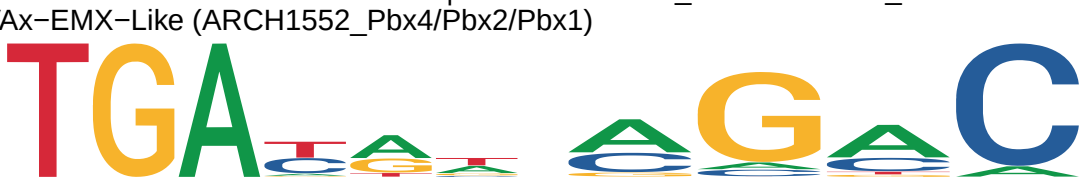


10: 397 peaks (20.0%)
ARCH1408_GATA20 ARCH438_Spdef ARCH647_Smad2/Smad3_Sr

11: 389 peaks (19.6%)
ARCH1408_GATA20 ARCH483_Tbx3/Tbx2

12: 373 peaks (18.8%)
ARCH1627_Xbp1 ARCH438_Spdef ARCH647_Smad2/Smad3_Sr

13: 354 peaks (17.8%)
Homeodomains.HG1.54:like:NOTO | VAx−EMX−Like (ARCH1552_Pbx4/Pbx2/Pbx1) ARCH647_Smad2/Smad3_Smad9/S...



14: 343 peaks (17.2%)
ARCH1627_Xbp1 ARCH483_Tbx3/Tbx2

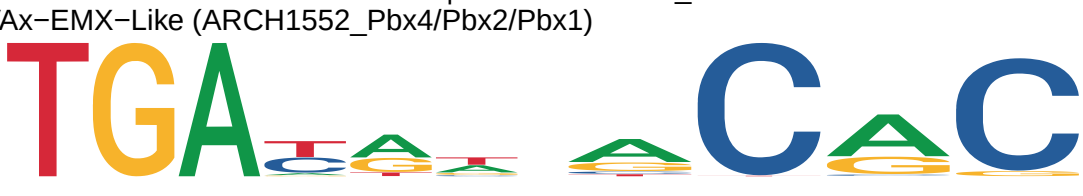
15: 318 peaks (16.0%)
ARCH1408_GATA20 ARCH1627_Xbp1

16: 300 peaks (15.1%)
ARCH438_Spdef ARCH1722_Nr2c1/Nr2c2_Nr2f1/...

17: 274 peaks (13.8%)
ARCH647_Smad2/Smad3_Smad9/S... ARCH1722_Nr2c1/Nr2c2_Nr2f1/...

18: 274 peaks (13.8%)
ARCH1408_GATA20 ARCH438_Spdef ARCH483_Tbx3/Tbx2

19: 271 peaks (13.6%)
Homeodomains.HG1.54:like:NOTO | VAx−EMX−Like (ARCH1552_Pbx4/Pbx2/Pbx1) ARCH483_Tbx3/Tbx2



20: 268 peaks (13.5%)
ARCH438_Spdef Foxn4/Foxn1 (ARCH954_Foxn4/Foxn1)

gastro_IRF1_2

1: 272 peaks (49.1%)
ARCH438_Spdef

ARCH647_Smad2/Smad3_Smad9/S...

2: 190 peaks (34.3%)
ARCH438_Spdef

ARCH483_Tbx3/Tbx2

3: 154 peaks (27.8%)
ARCH438_Spdef

ARCH1408_GATA20

4: 144 peaks (26.0%)
ARCH647_Smad2/Smad3_Smad9/S...

ARCH483_Tbx3/Tbx2

5: 140 peaks (25.3%)
ARCH1627_Xbp1

ARCH438_Spdef

6: 120 peaks (21.7%)
ARCH438_Spdef

ARCH647_Smad2/Smad3_Smad9/S...

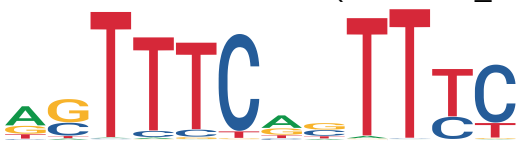
ARCH483_Tbx3/Tbx2

7: 117 peaks (21.1%)
ARCH647_Smad2/Smad3_Smad9/S...

ARCH1408_GATA20

8: 103 peaks (18.6%)
ARCH1627_Xbp1

ARCH647_Smad2/Smad3_Smad9/S...

9: 94 peaks (17.0%)
IRF1−2c | IRF.HG1.1:IRF1/IRF2/IRF3/IRF4/IRF5/IRF6/IRF... | Irf7/Irf4/Irf8/Irf5/Irf9/Irf6/Irf3 (ARCH591_ISRE__IRF3__IRF8)

ARCH438_Spdef

10: 91 peaks (16.4%)
Homeodomains.HG1.54:like:NOTO | VAx−EMX−Like (ARCH1552_Pbx4/Pbx2/Pbx1)

ARCH438_Spdef

11: 89 peaks (16.1%)
ARCH1627_Xbp1

ARCH438_Spdef

ARCH647_Smad2/Smad3_Sr

12: 88 peaks (15.9%)
ARCH438_Spdef

ARCH647_Smad2/Smad3_Smad9/S...

ARCH1408_GATA20

13: 85 peaks (15.3%)
ARCH483_Tbx3/Tbx2

ARCH1408_GATA20

14: 77 peaks (13.9%)
IRF1−2c | IRF.HG1.1:IRF1/IRF2/IRF3/IRF4/IRF5/IRF6/IRF... | Irf7/Irf4/Irf8/Irf5/Irf9/Irf6/Irf3 (ARCH591_ISRE__IRF3__IRF8)

ARCH647_Smad2/Smad3_Smad9/S...

15: 75 peaks (13.5%)
ARCH438_Spdef

Foxn4/Foxn1 (ARCH954_Foxn4/Foxn1)

16: 73 peaks (13.2%)
ARCH1627_Xbp1

ARCH483_Tbx3/Tbx2

17: 71 peaks (12.8%)
ARCH438_Spdef

ARCH483_Tbx3/Tbx2

ARCH1408_GATA20

18: 70 peaks (12.6%)
ARCH438_Spdef

ARCH633_STE12__CHR

19: 68 peaks (12.3%)
ARCH438_Spdef

ARCH816_Pax7/Pax3

20: 66 peaks (11.9%)
ARCH438_Spdef

ARCH1420_RUNX2

gastro_somatic_gonad

1: 66 peaks (53.2%)
ARCH647_Smad2/Smad3_Smad9/S...

ARCH438_Spdef

2: 36 peaks (29.0%)
ARCH647_Smad2/Smad3_Smad9/S...

ARCH483_Tbx3/Tbx2

3: 34 peaks (27.4%)
ARCH438_Spdef

ARCH483_Tbx3/Tbx2

4: 34 peaks (27.4%)
ARCH438_Spdef

ARCH1627_Xbp1

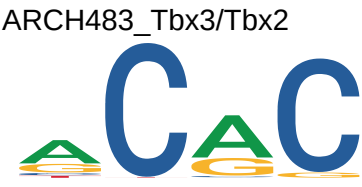
5: 30 peaks (24.2%)
ARCH647_Smad2/Smad3_Smad9/S...

ARCH1627_Xbp1

6: 29 peaks (23.4%)
ARCH1408_GATA20

ARCH647_Smad2/Smad3_Smad9/S...

7: 26 peaks (21.0%)
ARCH647_Smad2/Smad3_Smad9/S...

ARCH438_Spdef
ARCH483_Tbx3/Tbx2


8: 24 peaks (19.4%)
ARCH1408_GATA20

ARCH438_Spdef

9: 23 peaks (18.5%)
ARCH647_Smad2/Smad3_Smad9/S...

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

10: 23 peaks (18.5%)
ARCH647_Smad2/Smad3_Smad9/S...

ARCH438_Spdef
ARCH1627_Xbp1

11: 20 peaks (16.1%)
ARCH1429_Dmbx1_Gsc2/Gsc//Ob...

ARCH647_Smad2/Smad3_Smad9/S...

12: 20 peaks (16.1%)
ARCH438_Spdef

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

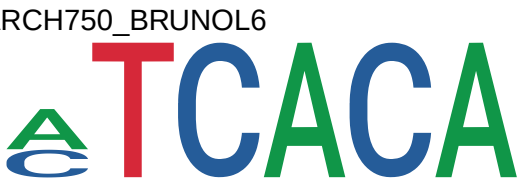
13: 20 peaks (16.1%)
ARCH483_Tbx3/Tbx2

ARCH1627_Xbp1

14: 19 peaks (15.3%)
ARCH647_Smad2/Smad3_Smad9/S...

ARCH1103_M09140_2.00__M0918...

15: 19 peaks (15.3%)
ARCH647_Smad2/Smad3_Smad9/S...

ARCH750_BRUNOL6


16: 18 peaks (14.5%)
ARCH1429_Dmbx1_Gsc2/Gsc//Ob...

ARCH438_Spdef

17: 17 peaks (13.7%)
ARCH1408_GATA20

ARCH1627_Xbp1

18: 17 peaks (13.7%)
ARCH1408_GATA20

ARCH647_Smad2/Smad3_Smad9/S...

ARCH438_Spdef

19: 16 peaks (12.9%)
ARCH1408_GATA20

ARCH483_Tbx3/Tbx2

20: 16 peaks (12.9%)
ARCH1631_WRKY40__PH0140.1_P...

ARCH438_Spdef

muscle_tentacle_retractor

1: 620 peaks (49.1%)
ARCH438_Spdef

ARCH647_Smad2/Smad3_Smad9/S...

2: 412 peaks (32.6%)
ARCH438_Spdef

ARCH483_Tbx3/Tbx2

3: 372 peaks (29.5%)
ARCH647_Smad2/Smad3_Smad9/S...

ARCH483_Tbx3/Tbx2

4: 318 peaks (25.2%)
ARCH438_Spdef

ARCH1408_GATA20

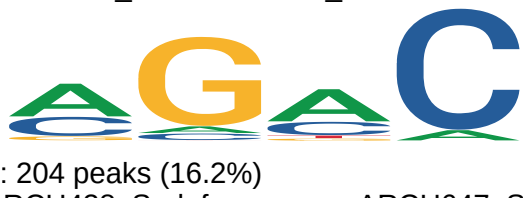
5: 288 peaks (22.8%)
ARCH647_Smad2/Smad3_Smad9/S...

ARCH1408_GATA20

6: 272 peaks (21.5%)
ARCH438_Spdef
ARCH647_Smad2/Smad3_Smad9/S...
ARCH483_Tbx3/Tbx2

7: 225 peaks (17.8%)
ARCH438_Spdef

ARCH1627_Xbp1

8: 205 peaks (16.2%)
ARCH647_Smad2/Smad3_Smad9/S...

ARCH1627_Xbp1

9: 204 peaks (16.2%)
ARCH438_Spdef
ARCH647_Smad2/Smad3_Smad9/S...
ARCH1408_GATA20

10: 190 peaks (15.0%)
ARCH438_Spdef

Foxn4/Foxn1 (ARCH954_Foxn4/Foxn1)

11: 178 peaks (14.1%)
ARCH1408_GATA20

ARCH483_Tbx3/Tbx2

12: 168 peaks (13.3%)
ARCH647_Smad2/Smad3_Smad9/S...

Foxn4/Foxn1 (ARCH954_Foxn4/Foxn1)

13: 155 peaks (12.3%)
ARCH438_Spdef

Arid3c/Arid3a/Arid3b (ARCH13_Arid2_Arid3

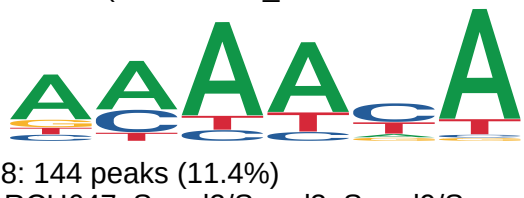
14: 151 peaks (12.0%)
FoxL2 |
FoxA/D? (ARCH1102_Foxa3/Foxa1/Foxa2_...)

ARCH438_Spdef

15: 148 peaks (11.7%)
ARCH647_Smad2/Smad3_Smad9/S...

Arid3c/Arid3a/Arid3b (ARCH13_Arid2_Arid3

16: 148 peaks (11.7%)
ARCH438_Spdef
ARCH647_Smad2/Smad3_Smad9/S...
ARCH1627_Xbp1

17: 145 peaks (11.5%)
FoxL2 |
FoxA/D? (ARCH1102_Foxa3/Foxa1/Foxa2_...)

ARCH647_Smad2/Smad3_Smad9/S...

18: 144 peaks (11.4%)
ARCH647_Smad2/Smad3_Smad9/S...

Homeodomains.HG1.54:like:NOTO |
VAx−EMX−Like (ARCH1552_Pbx4/Pbx2/Pbx

19: 138 peaks (10.9%)
ARCH438_Spdef

Homeodomains.HG1.54:like:NOTO |
VAx−EMX−Like (ARCH1552_Pbx4/Pbx2/Pbx

20: 137 peaks (10.8%)
ARCH438_Spdef
ARCH1408_GATA20
ARCH483_Tbx3/Tbx2

muscle_mesentery_retractor

1: 399 peaks (52.3%)
ARCH647_Smad2/Smad3_Smad9/S...

ARCH438_Spdef

2: 237 peaks (31.1%)
ARCH647_Smad2/Smad3_Smad9/S...

ARCH483_Tbx3/Tbx2

3: 223 peaks (29.2%)
ARCH483_Tbx3/Tbx2

ARCH438_Spdef

4: 203 peaks (26.6%)
ARCH1408_GATA20

ARCH438_Spdef

5: 195 peaks (25.6%)
ARCH1408_GATA20

ARCH647_Smad2/Smad3_Smad9/S...

6: 192 peaks (25.2%)
ARCH1627_Xbp1

ARCH438_Spdef

7: 188 peaks (24.6%)
ARCH1627_Xbp1

ARCH647_Smad2/Smad3_Smad9/S...

8: 168 peaks (22.0%)
ARCH647_Smad2/Smad3_Smad9/S...

ARCH483_Tbx3/Tbx2

ARCH438_Spdef

9: 151 peaks (19.8%)
Homeodomains.HG1.54:like:NOTO | VAx−EMX−Like (ARCH1552_Pbx4/Pbx2/Pbx1)

ARCH438_Spdef

10: 149 peaks (19.5%)
ARCH647_Smad2/Smad3_Smad9/S...

Homeodomains.HG1.54:like:NOTO | VAx−EMX−Like (ARCH1552_Pbx4/Pbx2/Pbx

11: 144 peaks (18.9%)
ARCH1627_Xbp1

ARCH647_Smad2/Smad3_Smad9/S...

ARCH438_Spdef

12: 138 peaks (18.1%)
ARCH1408_GATA20

ARCH647_Smad2/Smad3_Smad9/S...

ARCH438_Spdef

13: 114 peaks (14.9%)
ARCH1627_Xbp1

ARCH483_Tbx3/Tbx2

14: 109 peaks (14.3%)
ARCH1408_GATA20

ARCH483_Tbx3/Tbx2

15: 107 peaks (14.0%)
ARCH647_Smad2/Smad3_Smad9/S...

Homeodomains.HG1.54:like:NOTO | VAx−EMX−Like (ARCH1552_Pbx4/Pbx2/Pbx1)

ARCH438_Spdef

16: 104 peaks (13.6%)
ARCH647_Smad2/Smad3_Smad9/S...

ARCH1473_Gata3/Gata1/Gata2

17: 95 peaks (12.5%)
ARCH647_Smad2/Smad3_Smad9/S...

Foxn4/Foxn1 (ARCH954_Foxn4/Foxn1)

18: 95 peaks (12.5%)
ARCH438_Spdef

Foxn4/Foxn1 (ARCH954_Foxn4/Foxn1)

19: 90 peaks (11.8%)
ARCH438_Spdef

ARCH1473_Gata3/Gata1/Gata2

20: 87 peaks (11.4%)
ARCH1408_GATA20

ARCH1627_Xbp1

digestive_filaments_1

1: 388 peaks (49.9%)
ARCH647_Smad2/Smad3_Smad9/S...

ARCH438_Spdef

2: 245 peaks (31.5%)
ARCH438_Spdef

ARCH483_Tbx3/Tbx2

3: 236 peaks (30.3%)
ARCH647_Smad2/Smad3_Smad9/S...

ARCH483_Tbx3/Tbx2

4: 168 peaks (21.6%)
ARCH647_Smad2/Smad3_Smad9/S...

ARCH438_Spdef

ARCH483_Tbx3/Tbx2

5: 165 peaks (21.2%)
ARCH438_Spdef

ARCH1408_GATA20

6: 164 peaks (21.1%)
ARCH647_Smad2/Smad3_Smad9/S...

ARCH1408_GATA20

7: 140 peaks (18.0%)
ARCH438_Spdef

ARCH1627_Xbp1

8: 140 peaks (18.0%)
ARCH438_Spdef

Homeodomains.HG1.54:like:NOTO | VAx−EMX−Like (ARCH1552_Pbx4/Pbx2/Pbx

9: 139 peaks (17.9%)
ARCH647_Smad2/Smad3_Smad9/S...

Homeodomains.HG1.54:like:NOTO | VAx−EMX−Like (ARCH1552_Pbx4/Pbx2/Pbx

10: 136 peaks (17.5%)
ARCH647_Smad2/Smad3_Smad9/S...

ARCH1627_Xbp1

11: 127 peaks (16.3%)
ARCH438_Spdef

Arid3c/Arid3a/Arid3b (ARCH13_Arid2_Arid3

12: 126 peaks (16.2%)
ARCH647_Smad2/Smad3_Smad9/S...

ARCH699_TEAD4

13: 125 peaks (16.1%)
ARCH438_Spdef

ARCH699_TEAD4

14: 122 peaks (15.7%)
ARCH647_Smad2/Smad3_Smad9/S...

Arid3c/Arid3a/Arid3b (ARCH13_Arid2_Arid3

15: 113 peaks (14.5%)
ARCH647_Smad2/Smad3_Smad9/S...

ARCH1103_M09140_2.00__M0918...

16: 104 peaks (13.4%)
ARCH438_Spdef

ARCH1103_M09140_2.00__M0918...

17: 103 peaks (13.2%)
ARCH1408_GATA20

ARCH483_Tbx3/Tbx2

18: 102 peaks (13.1%)
ARCH438_Spdef

ARCH1138_/Sox4/Sox11_Sox13/...

19: 101 peaks (13.0%)
ARCH647_Smad2/Smad3_Smad9/S...

ARCH438_Spdef

ARCH1408_GATA20

20: 100 peaks (12.9%)
ARCH647_Smad2/Smad3_Smad9/S...

ARCH1138_/Sox4/Sox11_Sox13/...

digestive_filaments_2

1: 295 peaks (44.6%)
ARCH438_Spdef

ARCH647_Smad2/Smad3_Smad9/S...

2: 218 peaks (33.0%)
ARCH483_Tbx3/Tbx2

ARCH438_Spdef

3: 213 peaks (32.2%)
ARCH483_Tbx3/Tbx2

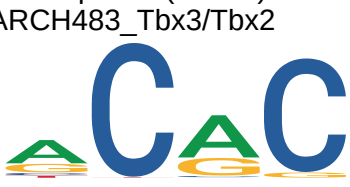
ARCH647_Smad2/Smad3_Smad9/S...

4: 152 peaks (23.0%)
ARCH647_Smad2/Smad3_Smad9/S...

ARCH1627_Xbp1

5: 149 peaks (22.5%)
ARCH438_Spdef

ARCH1627_Xbp1

6: 141 peaks (21.3%)
ARCH483_Tbx3/Tbx2

ARCH438_Spdef

ARCH647_Smad2/Smad3_Sr

7: 128 peaks (19.4%)
ARCH438_Spdef

ARCH1408_GATA20

8: 111 peaks (16.8%)
ARCH647_Smad2/Smad3_Smad9/S...

ARCH1408_GATA20

9: 103 peaks (15.6%)
ARCH483_Tbx3/Tbx2

ARCH1627_Xbp1

10: 102 peaks (15.4%)
ARCH438_Spdef

Foxn4/Foxn1 (ARCH954_Foxn4/Foxn1)

11: 100 peaks (15.1%)
ARCH438_Spdef

ARCH647_Smad2/Smad3_Smad9/S...

ARCH1627_Xbp1

12: 94 peaks (14.2%)
ARCH647_Smad2/Smad3_Smad9/S...

ARCH973_Foxa3/Foxa1/Foxa2

13: 91 peaks (13.8%)
ARCH647_Smad2/Smad3_Smad9/S...

FoxA (ARCH1291_Fox:Ebox)

14: 89 peaks (13.5%)
ARCH483_Tbx3/Tbx2

ARCH1408_GATA20

15: 89 peaks (13.5%)
ARCH438_Spdef

ARCH973_Foxa3/Foxa1/Foxa2

16: 89 peaks (13.5%)
ARCH647_Smad2/Smad3_Smad9/S...

Foxn4/Foxn1 (ARCH954_Foxn4/Foxn1)

17: 88 peaks (13.3%)
ARCH438_Spdef

FoxA (ARCH1291_Fox:Ebox)

18: 85 peaks (12.9%)
ARCH438_Spdef

Homeodomains.HG1.54:like:NOTO | VAx−EMX−Like (ARCH1552_Pbx4/Pbx2/Pbx

19: 84 peaks (12.7%)
Homeodomains.HG1.54:like:NOTO | VAx−EMX−Like (ARCH1552_Pbx4/Pbx2/Pbx1)

ARCH647_Smad2/Smad3_Smad9/S...

20: 80 peaks (12.1%)
ARCH438_Spdef

Arid3c/Arid3a/Arid3b (ARCH13_Arid2_Arid3

digestive_filaments_3

1: 391 peaks (49.1%)
ARCH438_Spdef

ARCH647_Smad2/Smad3_Smad9/S...

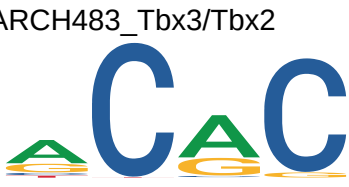
2: 254 peaks (31.9%)
ARCH438_Spdef

ARCH483_Tbx3/Tbx2

3: 249 peaks (31.2%)
ARCH483_Tbx3/Tbx2

ARCH647_Smad2/Smad3_Smad9/S...

4: 172 peaks (21.6%)
ARCH438_Spdef

ARCH483_Tbx3/Tbx2

ARCH647_Smad2/Smad3_Sr

5: 160 peaks (20.1%)
ARCH1627_Xbp1

ARCH647_Smad2/Smad3_Smad9/S...

6: 155 peaks (19.4%)
ARCH438_Spdef

ARCH1627_Xbp1

7: 152 peaks (19.1%)
ARCH1408_GATA20

ARCH438_Spdef

8: 152 peaks (19.1%)
ARCH1408_GATA20

ARCH647_Smad2/Smad3_Smad9/S...

9: 138 peaks (17.3%)
FoxA (ARCH1291_Fox:Ebox)

ARCH647_Smad2/Smad3_Smad9/S...

10: 128 peaks (16.1%)
ARCH438_Spdef

FoxA (ARCH1291_Fox:Ebox)

11: 120 peaks (15.1%)
ARCH647_Smad2/Smad3_Smad9/S...

Homeodomains.HG1.54:like:NOTO | VAx−EMX−Like (ARCH1552_Pbx4/Pbx2/Pbx

12: 120 peaks (15.1%)
ARCH438_Spdef

ARCH1627_Xbp1

ARCH647_Smad2/Smad3_Sr

13: 118 peaks (14.8%)
ARCH438_Spdef

Arid3c/Arid3a/Arid3b (ARCH13_Arid2_Arid3

14: 116 peaks (14.6%)
ARCH438_Spdef

Homeodomains.HG1.54:like:NOTO | VAx−EMX−Like (ARCH1552_Pbx4/Pbx2/Pbx

15: 113 peaks (14.2%)
Arid3c/Arid3a/Arid3b (ARCH13_Arid2_Arid3c/Arid3a/...)

ARCH647_Smad2/Smad3_Smad9/S...

16: 103 peaks (12.9%)
ARCH1408_GATA20

ARCH438_Spdef

ARCH647_Smad2/Smad3_Sr

17: 102 peaks (12.8%)
ARCH647_Smad2/Smad3_Smad9/S...

Foxn4/Foxn1 (ARCH954_Foxn4/Foxn1)

18: 97 peaks (12.2%)
ARCH973_Foxa3/Foxa1/Foxa2

ARCH647_Smad2/Smad3_Smad9/S...

19: 96 peaks (12.0%)
Hopx (ARCH1442_Dmbx1_Gsc2/Gsc//Ob...)

ARCH647_Smad2/Smad3_Smad9/S...

20: 95 peaks (11.9%)
ARCH1408_GATA20

ARCH483_Tbx3/Tbx2

epidermis_1

1: 407 peaks (43.6%)
ARCH438_Spdef

ARCH647_Smad2/Smad3_Smad9/S...

2: 255 peaks (27.3%)
ARCH438_Spdef

ARCH483_Tbx3/Tbx2

3: 247 peaks (26.5%)
ARCH647_Smad2/Smad3_Smad9/S...

ARCH483_Tbx3/Tbx2

4: 236 peaks (25.3%)
ARCH438_Spdef

ARCH1627_Xbp1

5: 219 peaks (23.5%)
ARCH647_Smad2/Smad3_Smad9/S...

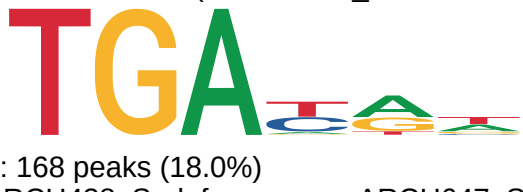
ARCH1627_Xbp1

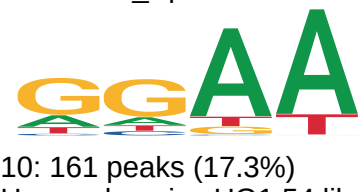
6: 185 peaks (19.8%)
ARCH438_Spdef

ARCH1408_GATA20

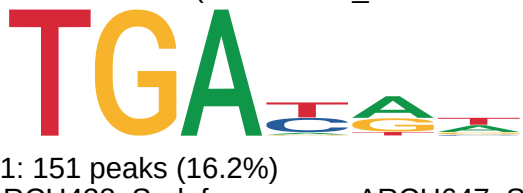
7: 174 peaks (18.6%)
ARCH647_Smad2/Smad3_Smad9/S...

ARCH1408_GATA20

8: 173 peaks (18.5%)
Homeodomains.HG1.54:like:NOTO | VAx−EMX−Like (ARCH1552_Pbx4/Pbx2/Pbx1)

ARCH438_Spdef

9: 168 peaks (18.0%)
ARCH438_Spdef

ARCH647_Smad2/Smad3_Smad9/S...

ARCH483_Tbx3/Tbx2

10: 161 peaks (17.3%)
Homeodomains.HG1.54:like:NOTO | VAx−EMX−Like (ARCH1552_Pbx4/Pbx2/Pbx1)

ARCH647_Smad2/Smad3_Smad9/S...

11: 151 peaks (16.2%)
ARCH438_Spdef

ARCH647_Smad2/Smad3_Smad9/S...

ARCH1627_Xbp1

12: 146 peaks (15.6%)
ARCH438_Spdef

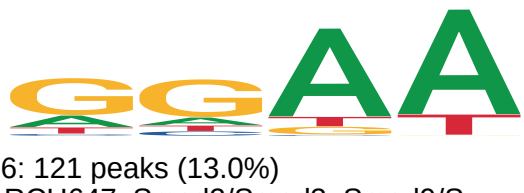
Foxn4/Foxn1 (ARCH954_Foxn4/Foxn1)

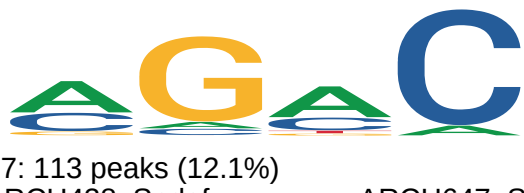
13: 146 peaks (15.6%)
ARCH647_Smad2/Smad3_Smad9/S...

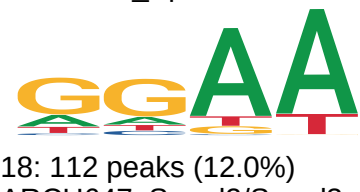
Foxn4/Foxn1 (ARCH954_Foxn4/Foxn1)

14: 140 peaks (15.0%)
ARCH1627_Xbp1

ARCH483_Tbx3/Tbx2

15: 129 peaks (13.8%)
ARCH438_Spdef

Pax7/Pax3 | PAX3/7 | Pax5/Pax8/Pax2 (ARCH873_Pax5/Pax8/Pax

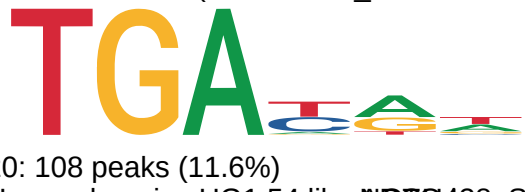
16: 121 peaks (13.0%)
ARCH647_Smad2/Smad3_Smad9/S...

Pax7/Pax3 | PAX3/7 | Pax5/Pax8/Pax2 (ARCH873_Pax5/Pax8/Pax

17: 113 peaks (12.1%)
ARCH438_Spdef

ARCH647_Smad2/Smad3_Smad9/S...

ARCH1408_GATA20

18: 112 peaks (12.0%)
ARCH647_Smad2/Smad3_Smad9/S...

ARCH1103_M09140_2.00__M0918...

19: 108 peaks (11.6%)
Homeodomains.HG1.54:like:NOTO | VAx−EMX−Like (ARCH1552_Pbx4/Pbx2/Pbx1)

ARCH483_Tbx3/Tbx2

20: 108 peaks (11.6%)
Homeodomains.HG1.54:like:NOTO | VAx−EMX−Like (ARCH1552_Pbx4/Pbx2/Pbx1)

ARCH438_Spdef

ARCH647_Smad2/Smad3_Sr

epidermis_2

1: 1272 peaks (50.5%)
ARCH438_Spdef
ARCH647_Smad2/Smad3_Smad9/S...

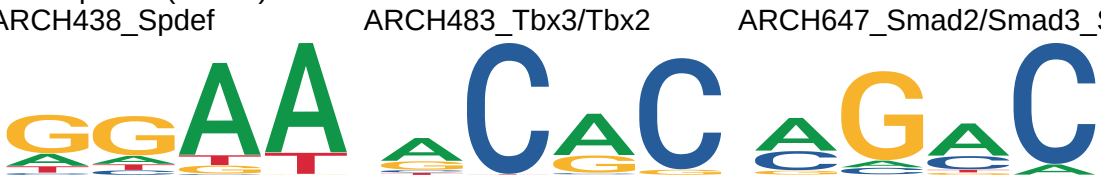
2: 795 peaks (31.6%)
ARCH438_Spdef
ARCH483_Tbx3/Tbx2

3: 761 peaks (30.2%)
ARCH483_Tbx3/Tbx2
ARCH647_Smad2/Smad3_Smad9/S...

4: 596 peaks (23.7%)
ARCH647_Smad2/Smad3_Smad9/S...
ARCH1408_GATA20

5: 592 peaks (23.5%)
ARCH438_Spdef
ARCH1408_GATA20

6: 561 peaks (22.3%)
ARCH438_Spdef
ARCH483_Tbx3/Tbx2
ARCH647_Smad2/Smad3_Sr



7: 552 peaks (21.9%)
ARCH438_Spdef
ARCH1627_Xbp1

8: 538 peaks (21.4%)
ARCH647_Smad2/Smad3_Smad9/S...
ARCH1627_Xbp1

9: 420 peaks (16.7%)
ARCH438_Spdef
ARCH647_Smad2/Smad3_Smad9/S...
ARCH1408_GATA20

10: 395 peaks (15.7%)
ARCH438_Spdef
Homeodomains.HG1.54:like:NOTO |
VAx−EMX−Like (ARCH1552_Pbx4/Pbx2/Pbx

11: 386 peaks (15.3%)
ARCH647_Smad2/Smad3_Smad9/S...
Homeodomains.HG1.54:like:NOTO |
VAx−EMX−Like (ARCH1552_Pbx4/Pbx2/Pbx

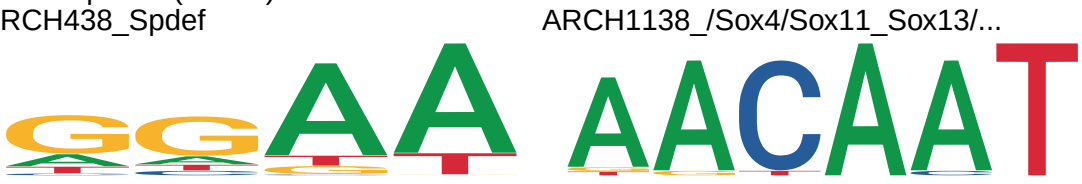
12: 381 peaks (15.1%)
ARCH438_Spdef
ARCH647_Smad2/Smad3_Smad9/S...
ARCH1627_Xbp1

13: 348 peaks (13.8%)
ARCH438_Spdef
FoxL2 |
FoxA/D? (ARCH1102_Foxa3/Foxa1/Foxa2_.

14: 339 peaks (13.5%)
ARCH483_Tbx3/Tbx2
ARCH1408_GATA20

15: 331 peaks (13.1%)
ARCH647_Smad2/Smad3_Smad9/S...
FoxL2 |
FoxA/D? (ARCH1102_Foxa3/Foxa1/Foxa2_.

16: 326 peaks (12.9%)
ARCH438_Spdef
ARCH1138_/Sox4/Sox11_Sox13/...



17: 324 peaks (12.9%)
ARCH483_Tbx3/Tbx2
ARCH1627_Xbp1

18: 324 peaks (12.9%)
ARCH647_Smad2/Smad3_Smad9/S...
ARCH1138_/Sox4/Sox11_Sox13/...

19: 316 peaks (12.5%)
Arid3c/Arid3a/Arid3b (ARCH13_Arid2_Arid3c/Arid3a...)
ARCH438_Spdef

20: 316 peaks (12.5%)
ARCH647_Smad2/Smad3_Smad9/S...
ARCH1103_M09140_2.00__M0918...

precursors_PGC

1: 393 peaks (48.7%)
ARCH438_Spdef

ARCH647_Smad2/Smad3_Smad9/S...

2: 238 peaks (29.5%)
ARCH438_Spdef

ARCH483_Tbx3/Tbx2

3: 229 peaks (28.4%)
ARCH438_Spdef

ARCH1408_GATA20

4: 196 peaks (24.3%)
ARCH438_Spdef

ARCH1627_Xbp1

5: 185 peaks (22.9%)
ARCH647_Smad2/Smad3_Smad9/S...

ARCH1408_GATA20

6: 177 peaks (21.9%)
ARCH483_Tbx3/Tbx2

ARCH647_Smad2/Smad3_Smad9/S...

7: 151 peaks (18.7%)
ARCH1627_Xbp1

ARCH647_Smad2/Smad3_Smad9/S...

8: 148 peaks (18.3%)
ARCH438_Spdef

ARCH483_Tbx3/Tbx2

ARCH647_Smad2/Smad3_Sr

9: 148 peaks (18.3%)
ARCH438_Spdef

ARCH647_Smad2/Smad3_Smad9/S...

ARCH1408_GATA20

10: 141 peaks (17.5%)
ARCH438_Spdef

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

11: 134 peaks (16.6%)
ARCH438_Spdef

Nfya (ARCH178_Foxc2/Foxc1_Foxg1/G...)

12: 126 peaks (15.6%)
ARCH438_Spdef

Homeodomains.HG1.54:like:NOTO |
VAx−EMX−Like (ARCH1552_Pbx4/Pbx2/Pbx

13: 121 peaks (15.0%)
ARCH438_Spdef

ARCH1627_Xbp1

ARCH647_Smad2/Smad3_Sr

14: 120 peaks (14.9%)
ARCH647_Smad2/Smad3_Smad9/S...

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

15: 113 peaks (14.0%)
ARCH438_Spdef

ARCH11_/E2f4_E2f6_E2f8/E2f7

16: 112 peaks (13.9%)
Nfya (ARCH178_Foxc2/Foxc1_Foxg1/G...)

ARCH647_Smad2/Smad3_Smad9/S...

17: 111 peaks (13.8%)
ARCH438_Spdef

ARCH1420_RUNX2

18: 109 peaks (13.5%)
ARCH438_Spdef

ARCH378_M00590_2.00__PB0095...

19: 105 peaks (13.0%)
ARCH483_Tbx3/Tbx2

ARCH1408_GATA20

20: 99 peaks (12.3%)
ARCH1627_Xbp1

ARCH483_Tbx3/Tbx2

precursors_endoNPC

1: 172 peaks (42.8%)
ARCH438_Spdef

ARCH647_Smad2/Smad3_Smad9/S...

2: 122 peaks (30.3%)
ARCH647_Smad2/Smad3_Smad9/S...

ARCH483_Tbx3/Tbx2

3: 121 peaks (30.1%)
ARCH438_Spdef

ARCH483_Tbx3/Tbx2

4: 88 peaks (21.9%)
ARCH647_Smad2/Smad3_Smad9/S...

ARCH1408_GATA20

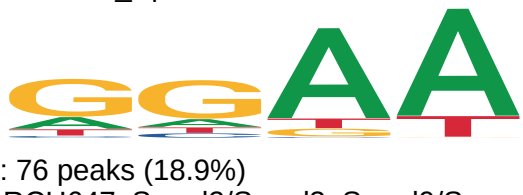
5: 81 peaks (20.1%)
ARCH438_Spdef

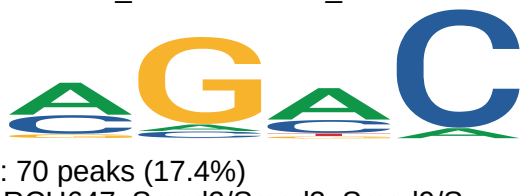
ARCH1408_GATA20

6: 81 peaks (20.1%)
ARCH438_Spdef

ARCH647_Smad2/Smad3_Smad9/S...

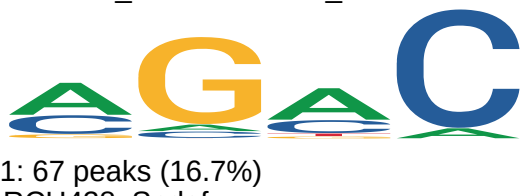
ARCH483_Tbx3/Tbx2

7: 78 peaks (19.4%)
ARCH438_Spdef

ARCH1627_Xbp1

8: 76 peaks (18.9%)
ARCH647_Smad2/Smad3_Smad9/S...

ARCH1627_Xbp1

9: 70 peaks (17.4%)
ARCH647_Smad2/Smad3_Smad9/S...

Homeodomains.HG1.54:like:NOTO | VAx−EMX−Like (ARCH1552_Pbx4/Pbx2/Pbx

10: 68 peaks (16.9%)
ARCH647_Smad2/Smad3_Smad9/S...

ARCH1420_RUNX2

11: 67 peaks (16.7%)
ARCH438_Spdef

ARCH1420_RUNX2

12: 57 peaks (14.2%)
ARCH1408_GATA20

ARCH483_Tbx3/Tbx2

13: 57 peaks (14.2%)
ARCH438_Spdef

ARCH647_Smad2/Smad3_Smad9/S...

ARCH1408_GATA20

14: 52 peaks (12.9%)
ARCH1627_Xbp1

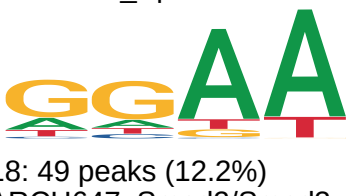
ARCH483_Tbx3/Tbx2

15: 51 peaks (12.7%)
ARCH438_Spdef

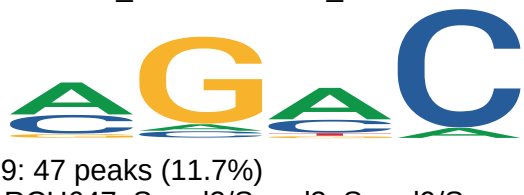
Homeodomains.HG1.54:like:NOTO | VAx−EMX−Like (ARCH1552_Pbx4/Pbx2/Pbx

16: 51 peaks (12.7%)
ARCH438_Spdef

Terf2ip | Ncor2/Ncor1 | Msantd4/Mypop (ARCH646_Msantd4/Mypop

17: 50 peaks (12.4%)
ARCH438_Spdef

ARCH647_Smad2/Smad3_Smad9/S...

ARCH1627_Xbp1

18: 49 peaks (12.2%)
ARCH647_Smad2/Smad3_Smad9/S...

Arid3c/Arid3a/Arid3b (ARCH13_Arid2_Arid3

19: 47 peaks (11.7%)
ARCH647_Smad2/Smad3_Smad9/S...

Terf2ip | Ncor2/Ncor1 | Msantd4/Mypop (ARCH646_Msantd4/Mypop

20: 47 peaks (11.7%)
ARCH1420_RUNX2

ARCH483_Tbx3/Tbx2

precursors_NPC

1: 252 peaks (45.8%)
ARCH438_Spdef

ARCH647_Smad2/Smad3_Smad9/S...

2: 173 peaks (31.5%)
ARCH647_Smad2/Smad3_Smad9/S...

ARCH483_Tbx3/Tbx2

3: 159 peaks (28.9%)
ARCH438_Spdef

ARCH483_Tbx3/Tbx2

4: 118 peaks (21.5%)
ARCH1408_GATA20

ARCH647_Smad2/Smad3_Smad9/S...

5: 112 peaks (20.4%)
ARCH647_Smad2/Smad3_Smad9/S...

ARCH1627_Xbp1

6: 110 peaks (20.0%)
ARCH438_Spdef

ARCH647_Smad2/Smad3_Smad9/S...

ARCH483_Tbx3/Tbx2

7: 105 peaks (19.1%)
ARCH438_Spdef

ARCH1408_GATA20

8: 100 peaks (18.2%)
ARCH438_Spdef

ARCH1627_Xbp1

9: 94 peaks (17.1%)
ARCH1152_/Sox4/Sox11_Sox13/...

ARCH438_Spdef

10: 92 peaks (16.7%)
ARCH1152_/Sox4/Sox11_Sox13/...

ARCH647_Smad2/Smad3_Smad9/S...

11: 83 peaks (15.1%)
FoxL2 | FoxA/D? (ARCH1102_Foxa3/Foxa1/Foxa2_...)

ARCH647_Smad2/Smad3_Smad9/S...

12: 80 peaks (14.5%)
FoxL2 | FoxA/D? (ARCH1102_Foxa3/Foxa1/Foxa2_...)

ARCH438_Spdef

13: 79 peaks (14.4%)
ARCH438_Spdef

ARCH1408_GATA20

ARCH647_Smad2/Smad3_Sn

14: 72 peaks (13.1%)
ARCH647_Smad2/Smad3_Smad9/S...

Homeodomains.HG1.54:like:NOTO | VAx−EMX−Like (ARCH1552_Pbx4/Pbx2/Pbx

15: 72 peaks (13.1%)
ARCH483_Tbx3/Tbx2

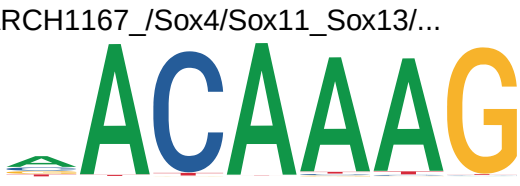
ARCH1627_Xbp1

16: 72 peaks (13.1%)
ARCH438_Spdef

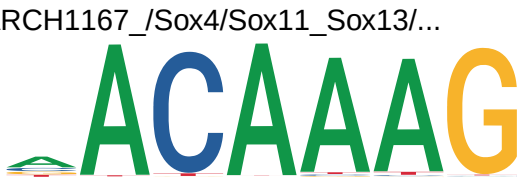
ARCH647_Smad2/Smad3_Smad9/S...

ARCH1627_Xbp1

17: 70 peaks (12.7%)
ARCH647_Smad2/Smad3_Smad9/S...

ARCH1167_/Sox4/Sox11_Sox13/...


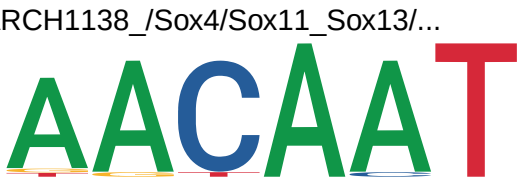
18: 69 peaks (12.5%)
ARCH438_Spdef

ARCH1167_/Sox4/Sox11_Sox13/...


19: 69 peaks (12.5%)
ARCH1408_GATA20

ARCH483_Tbx3/Tbx2

20: 67 peaks (12.2%)
ARCH647_Smad2/Smad3_Smad9/S...

ARCH1138_/Sox4/Sox11_Sox13/...


NPC_1

1: 7338 peaks (51.9%)
ARCH438_Spdef

ARCH647_Smad2/Smad3_Smad9/S...

2: 4277 peaks (30.3%)
ARCH438_Spdef

ARCH483_Tbx3/Tbx2

3: 3727 peaks (26.4%)
ARCH483_Tbx3/Tbx2

ARCH647_Smad2/Smad3_Smad9/S...

4: 3445 peaks (24.4%)
ARCH1408_GATA20

ARCH438_Spdef

5: 3132 peaks (22.2%)
ARCH438_Spdef

ARCH1627_Xbp1

6: 2971 peaks (21.0%)
ARCH1408_GATA20

ARCH647_Smad2/Smad3_Smad9/S...

7: 2866 peaks (20.3%)
ARCH438_Spdef

ARCH483_Tbx3/Tbx2

ARCH647_Smad2/Smad3_Sr

8: 2700 peaks (19.1%)
ARCH647_Smad2/Smad3_Smad9/S...

ARCH1627_Xbp1

9: 2300 peaks (16.3%)
ARCH438_Spdef

ARCH419_Yy1

10: 2295 peaks (16.2%)
ARCH1408_GATA20

ARCH438_Spdef

ARCH647_Smad2/Smad3_Sr

11: 2113 peaks (14.9%)
ARCH438_Spdef

Homeodomains.HG1.54:like:NOTO |
VAx−EMX−Like (ARCH1552_Pbx4/Pbx2/Pbx

12: 2070 peaks (14.6%)
ARCH438_Spdef

ARCH647_Smad2/Smad3_Smad9/S...

ARCH1627_Xbp1

13: 1906 peaks (13.5%)
ARCH438_Spdef

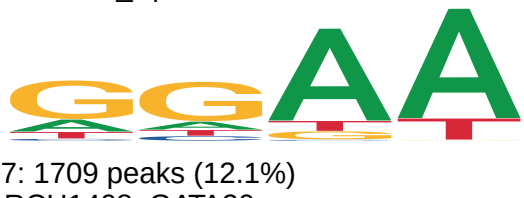
FoxL2 |
FoxA/D? (ARCH1102_Foxa3/Foxa1/Foxa2_.

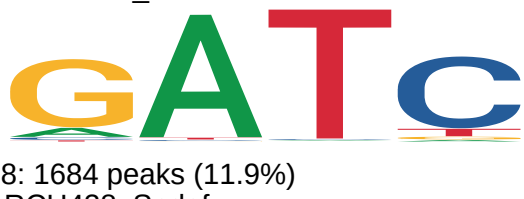
14: 1905 peaks (13.5%)
ARCH647_Smad2/Smad3_Smad9/S...

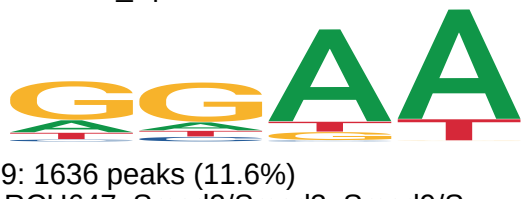
ARCH419_Yy1

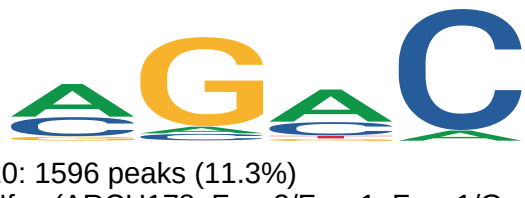
15: 1874 peaks (13.3%)
Homeodomains.HG1.54:like:NOTO |
VAx−EMX−Like (ARCH1552_Pbx4/Pbx2/Pbx1)

ARCH647_Smad2/Smad3_Smad9/S...

16: 1816 peaks (12.8%)
ARCH438_Spdef

Foxn4/Foxn1 (ARCH954_Foxn4/Foxn1)

17: 1709 peaks (12.1%)
ARCH1408_GATA20

ARCH483_Tbx3/Tbx2

18: 1684 peaks (11.9%)
ARCH438_Spdef

ARCH1103_M09140_2.00__M0918...

19: 1636 peaks (11.6%)
ARCH647_Smad2/Smad3_Smad9/S...

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

20: 1596 peaks (11.3%)
Nfya (ARCH178_Foxc2/Foxc1_Foxg1/G...)

ARCH438_Spdef

NPC_2

1: 1197 peaks (49.9%)
ARCH438_Spdef

ARCH647_Smad2/Smad3_Smad9/S...

2: 745 peaks (31.0%)
ARCH438_Spdef

ARCH483_Tbx3/Tbx2

3: 676 peaks (28.2%)
ARCH483_Tbx3/Tbx2

ARCH647_Smad2/Smad3_Smad9/S...

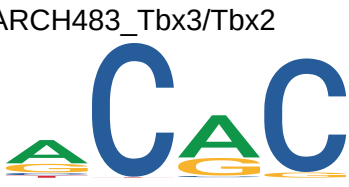
4: 547 peaks (22.8%)
ARCH1408_GATA20

ARCH438_Spdef

5: 522 peaks (21.8%)
ARCH438_Spdef

ARCH1627_Xbp1

6: 495 peaks (20.6%)
ARCH438_Spdef

ARCH483_Tbx3/Tbx2

ARCH647_Smad2/Smad3_Sr

7: 482 peaks (20.1%)
ARCH647_Smad2/Smad3_Smad9/S...

ARCH1627_Xbp1

8: 481 peaks (20.0%)
ARCH1408_GATA20

ARCH647_Smad2/Smad3_Smad9/S...

9: 454 peaks (18.9%)
Nfya (ARCH178_Foxc2/Foxc1_Foxg1/G...)

ARCH438_Spdef

10: 417 peaks (17.4%)
Nfya (ARCH178_Foxc2/Foxc1_Foxg1/G...)

ARCH647_Smad2/Smad3_Smad9/S...

11: 360 peaks (15.0%)
ARCH1408_GATA20

ARCH438_Spdef

ARCH647_Smad2/Smad3_Sr

12: 357 peaks (14.9%)
ARCH438_Spdef

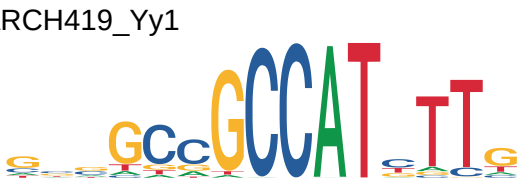
ARCH647_Smad2/Smad3_Smad9/S...

ARCH1627_Xbp1

13: 342 peaks (14.2%)
ARCH438_Spdef

Homeodomains.HG1.54:like:NOTO | VAx−EMX−Like (ARCH1552_Pbx4/Pbx2/Pbx

14: 313 peaks (13.0%)
ARCH438_Spdef

ARCH419_Yy1


15: 311 peaks (13.0%)
Homeodomains.HG1.54:like:NOTO | VAx−EMX−Like (ARCH1552_Pbx4/Pbx2/Pbx1)

ARCH647_Smad2/Smad3_Smad9/S...

16: 305 peaks (12.7%)
ARCH1408_GATA20

ARCH483_Tbx3/Tbx2

17: 302 peaks (12.6%)
Nfya (ARCH178_Foxc2/Foxc1_Foxg1/G...)

ARCH438_Spdef

ARCH647_Smad2/Smad3_Sr

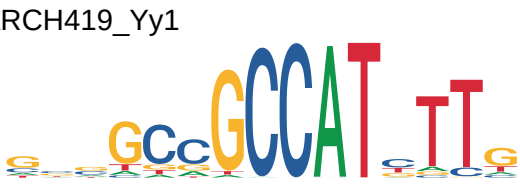
18: 292 peaks (12.2%)
ARCH438_Spdef

Foxn4/Foxn1 (ARCH954_Foxn4/Foxn1)

19: 291 peaks (12.1%)
ARCH483_Tbx3/Tbx2

ARCH1627_Xbp1

20: 268 peaks (11.2%)
ARCH647_Smad2/Smad3_Smad9/S...

ARCH419_Yy1


neuron_GATA_Islet_1

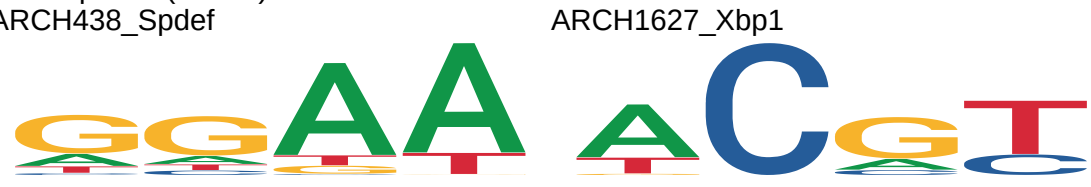
1: 1315 peaks (57.0%)
ARCH438_Spdef
ARCH647_Smad2/Smad3_Smad9/S...

2: 823 peaks (35.7%)
ARCH438_Spdef
ARCH1408_GATA20

3: 725 peaks (31.5%)
ARCH647_Smad2/Smad3_Smad9/S...
ARCH1408_GATA20

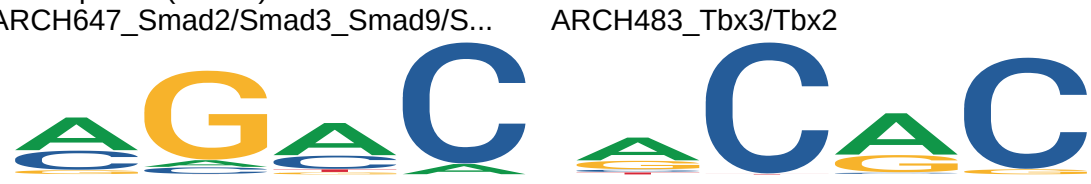
4: 716 peaks (31.1%)
ARCH438_Spdef
ARCH483_Tbx3/Tbx2

5: 676 peaks (29.3%)
ARCH438_Spdef
ARCH1627_Xbp1

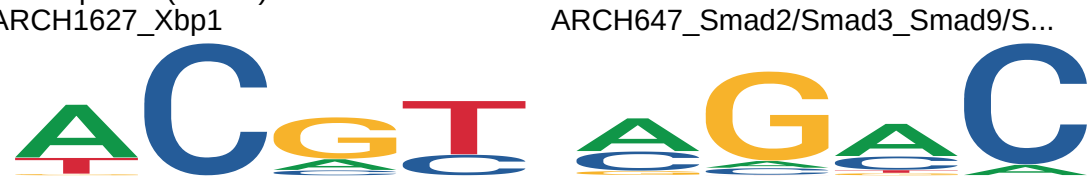


6: 629 peaks (27.3%)
ARCH438_Spdef
Homeodomains.HG1.54:like:NOTO |
VAx−EMX−Like (ARCH1552_Pbx4/Pbx2/Pbx

7: 619 peaks (26.9%)
ARCH647_Smad2/Smad3_Smad9/S...
ARCH483_Tbx3/Tbx2

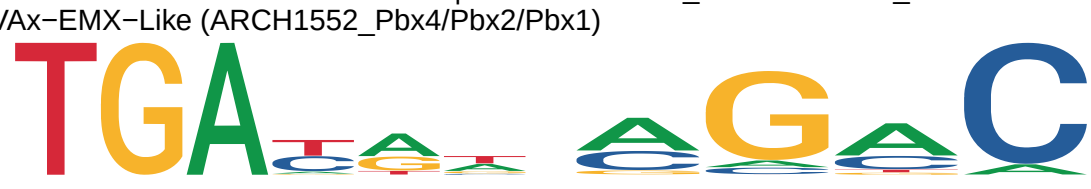


8: 592 peaks (25.7%)
ARCH1627_Xbp1
ARCH647_Smad2/Smad3_Smad9/S...



9: 583 peaks (25.3%)
ARCH438_Spdef
ARCH647_Smad2/Smad3_Smad9/S...
ARCH1408_GATA20

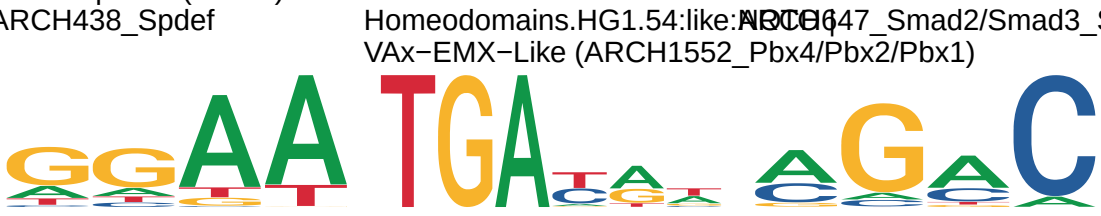
10: 560 peaks (24.3%)
Homeodomains.HG1.54:like:NOTO |
VAx−EMX−Like (ARCH1552_Pbx4/Pbx2/Pbx1)
ARCH647_Smad2/Smad3_Smad9/S...



11: 495 peaks (21.5%)
ARCH438_Spdef
ARCH647_Smad2/Smad3_Smad9/S...
ARCH483_Tbx3/Tbx2

12: 464 peaks (20.1%)
ARCH438_Spdef
ARCH1627_Xbp1
ARCH647_Smad2/Smad3_Sm

13: 445 peaks (19.3%)
ARCH438_Spdef
Homeodomains.HG1.54:like:NOTO |
VAx−EMX−Like (ARCH1552_Pbx4/Pbx2/Pbx1)
ARCH647_Smad2/Smad3_Sm



14: 415 peaks (18.0%)
Arid3c/Arid3a/Arid3b (ARCH13_Arid2_Arid3c/Arid3a...)
ARCH438_Spdef

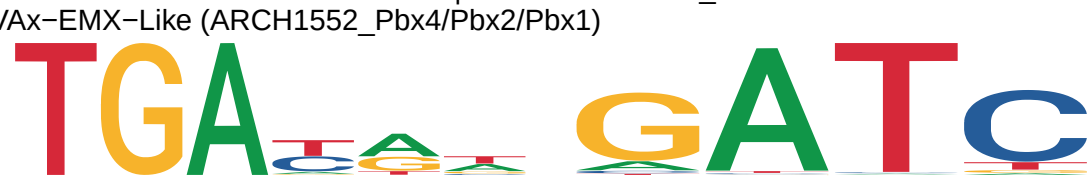
15: 396 peaks (17.2%)
ARCH438_Spdef
Foxn4/Foxn1 (ARCH954_Foxn4/Foxn1)

16: 379 peaks (16.4%)
ARCH483_Tbx3/Tbx2
ARCH1408_GATA20

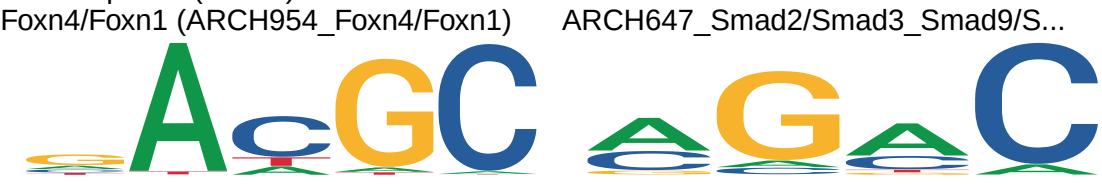
17: 374 peaks (16.2%)
ARCH1627_Xbp1
ARCH1408_GATA20

18: 371 peaks (16.1%)
Arid3c/Arid3a/Arid3b (ARCH13_Arid2_Arid3c/Arid3a...)
ARCH647_Smad2/Smad3_Smad9/S...

19: 339 peaks (14.7%)
Homeodomains.HG1.54:like:NOTO |
VAx−EMX−Like (ARCH1552_Pbx4/Pbx2/Pbx1)
ARCH1408_GATA20



20: 318 peaks (13.8%)
Foxn4/Foxn1 (ARCH954_Foxn4/Foxn1)
ARCH647_Smad2/Smad3_Smad9/S...



neuron_GATA_Islet_2

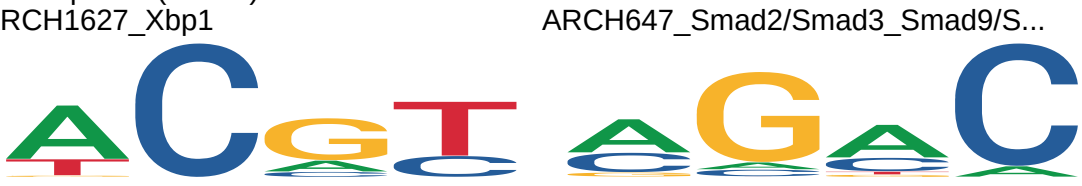
1: 900 peaks (58.0%)
ARCH438_Spdef
ARCH647_Smad2/Smad3_Smad9/S...

2: 519 peaks (33.4%)
ARCH438_Spdef
ARCH483_Tbx3/Tbx2

3: 487 peaks (31.4%)
ARCH647_Smad2/Smad3_Smad9/S...
ARCH483_Tbx3/Tbx2

4: 449 peaks (28.9%)
ARCH1627_Xbp1
ARCH438_Spdef

5: 411 peaks (26.5%)
ARCH1627_Xbp1
ARCH647_Smad2/Smad3_Smad9/S...



6: 383 peaks (24.7%)
ARCH438_Spdef
ARCH1408_GATA20

7: 381 peaks (24.5%)
ARCH438_Spdef
ARCH647_Smad2/Smad3_Smad9/S...
ARCH483_Tbx3/Tbx2

8: 336 peaks (21.6%)
ARCH647_Smad2/Smad3_Smad9/S...
ARCH1408_GATA20

9: 335 peaks (21.6%)
ARCH438_Spdef
Homeodomains.HG1.54:like:NOTO | VAx−EMX−Like (ARCH1552_Pbx4/Pbx2/Pbx

10: 323 peaks (20.8%)
ARCH1627_Xbp1
ARCH438_Spdef
ARCH647_Smad2/Smad3_Sm

11: 308 peaks (19.8%)
ARCH647_Smad2/Smad3_Smad9/S...
Homeodomains.HG1.54:like:NOTO | VAx−EMX−Like (ARCH1552_Pbx4/Pbx2/Pbx

12: 287 peaks (18.5%)
ARCH438_Spdef
Arid3c/Arid3a/Arid3b (ARCH13_Arid2_Arid3

13: 267 peaks (17.2%)
ARCH438_Spdef
ARCH647_Smad2/Smad3_Smad9/S...
ARCH1408_GATA20

14: 254 peaks (16.4%)
ARCH647_Smad2/Smad3_Smad9/S...
Arid3c/Arid3a/Arid3b (ARCH13_Arid2_Arid3

15: 241 peaks (15.5%)
ARCH438_Spdef
ARCH647_Smad2/Smad3_Smad9/S...
Homeodomains.HG1.54:like:N
VAx−EMX−Like (ARCH1552_

16: 211 peaks (13.6%)
ARCH1627_Xbp1
ARCH483_Tbx3/Tbx2

17: 200 peaks (12.9%)
ARCH438_Spdef
ARCH647_Smad2/Smad3_Smad9/S...
Arid3c/Arid3a/Arid3b (ARCH1

18: 199 peaks (12.8%)
ARCH438_Spdef
Nfya (ARCH178_Foxc2/Foxc1_Foxg1/G...)

19: 195 peaks (12.6%)
ARCH1408_GATA20
ARCH483_Tbx3/Tbx2

20: 184 peaks (11.9%)
ARCH1103_M09140_2.00__M0918...
ARCH438_Spdef

neuron_Pou4_FoxL2_1

1: 1258 peaks (52.0%)
ARCH647_Smad2/Smad3_Smad9/S...

ARCH438_Spdef

2: 695 peaks (28.7%)
ARCH438_Spdef

ARCH483_Tbx3/Tbx2

3: 646 peaks (26.7%)
ARCH647_Smad2/Smad3_Smad9/S...

ARCH483_Tbx3/Tbx2

4: 574 peaks (23.7%)
ARCH438_Spdef

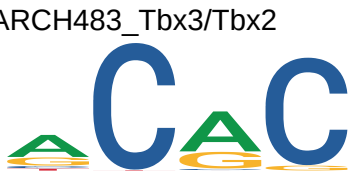
ARCH1408_GATA20

5: 506 peaks (20.9%)
ARCH647_Smad2/Smad3_Smad9/S...

ARCH1408_GATA20

6: 469 peaks (19.4%)
ARCH647_Smad2/Smad3_Smad9/S...

ARCH438_Spdef

ARCH483_Tbx3/Tbx2


7: 433 peaks (17.9%)
ARCH438_Spdef

ARCH1627_Xbp1

8: 407 peaks (16.8%)
ARCH647_Smad2/Smad3_Smad9/S...

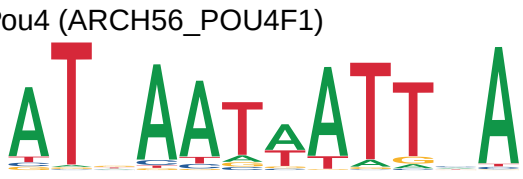
ARCH1627_Xbp1

9: 387 peaks (16.0%)
ARCH647_Smad2/Smad3_Smad9/S...

ARCH438_Spdef

ARCH1408_GATA20

10: 384 peaks (15.9%)
ARCH438_Spdef

Pou4 (ARCH56_POU4F1)


11: 381 peaks (15.7%)
ARCH438_Spdef

Arid3c/Arid3a/Arid3b (ARCH13_Arid2_Arid3

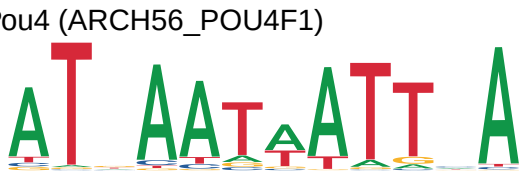
12: 375 peaks (15.5%)
ARCH438_Spdef

Foxn4/Foxn1 (ARCH954_Foxn4/Foxn1)

13: 373 peaks (15.4%)
ARCH438_Spdef

Homeodomains.HG1.54:like:NOTO |
VAx−EMX−Like (ARCH1552_Pbx4/Pbx2/Pbx

14: 361 peaks (14.9%)
ARCH647_Smad2/Smad3_Smad9/S...

Pou4 (ARCH56_POU4F1)


15: 359 peaks (14.8%)
ARCH647_Smad2/Smad3_Smad9/S...

Homeodomains.HG1.54:like:NOTO |
VAx−EMX−Like (ARCH1552_Pbx4/Pbx2/Pbx

16: 348 peaks (14.4%)
ARCH438_Spdef

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

17: 341 peaks (14.1%)
ARCH438_Spdef

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

18: 337 peaks (13.9%)
ARCH647_Smad2/Smad3_Smad9/S...

Foxn4/Foxn1 (ARCH954_Foxn4/Foxn1)

19: 334 peaks (13.8%)
ARCH438_Spdef

ARCH1103_M09140_2.00__M0918...

20: 331 peaks (13.7%)
ARCH647_Smad2/Smad3_Smad9/S...

Arid3c/Arid3a/Arid3b (ARCH13_Arid2_Arid3

neuron_Pou4_FoxL2_2

1: 807 peaks (44.6%)
ARCH438_Spdef

ARCH647_Smad2/Smad3_Smad9/S...

2: 579 peaks (32.0%)
ARCH438_Spdef

ARCH483_Tbx3/Tbx2

3: 442 peaks (24.4%)
ARCH647_Smad2/Smad3_Smad9/S...

ARCH483_Tbx3/Tbx2

4: 384 peaks (21.2%)
ARCH1408_GATA20

ARCH438_Spdef

5: 380 peaks (21.0%)
ARCH438_Spdef

ARCH1627_Xbp1

6: 338 peaks (18.7%)
ARCH438_Spdef

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

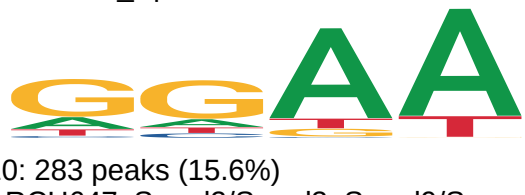
7: 331 peaks (18.3%)
ARCH438_Spdef

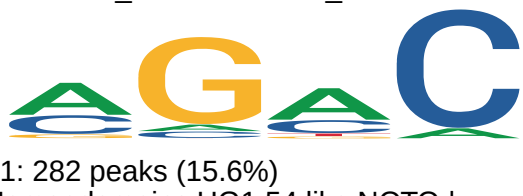
ARCH647_Smad2/Smad3_Smad9/S...

ARCH483_Tbx3/Tbx2

8: 327 peaks (18.1%)
ARCH1420_RUNX2

ARCH438_Spdef

9: 306 peaks (16.9%)
ARCH438_Spdef

Pou4 (ARCH56_POU4F1)

10: 283 peaks (15.6%)
ARCH647_Smad2/Smad3_Smad9/S...

ARCH1627_Xbp1

11: 282 peaks (15.6%)
Homeodomains.HG1.54:like:NOTO |
VAx−EMX−Like (ARCH1552_Pbx4/Pbx2/Pbx1)

ARCH438_Spdef

12: 278 peaks (15.4%)
ARCH1408_GATA20

ARCH647_Smad2/Smad3_Smad9/S...

13: 260 peaks (14.4%)
ARCH438_Spdef

Arid3c/Arid3a/Arid3b (ARCH13_Arid2_Arid3

14: 260 peaks (14.4%)
ARCH647_Smad2/Smad3_Smad9/S...

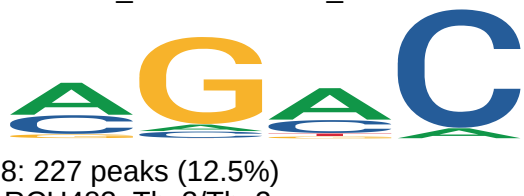
FoxL2 |
FoxA/D? (ARCH1102_Foxa3/Foxa1/Foxa2_.

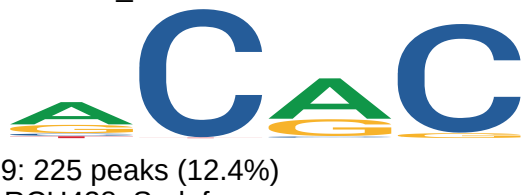
15: 249 peaks (13.7%)
ARCH1420_RUNX2

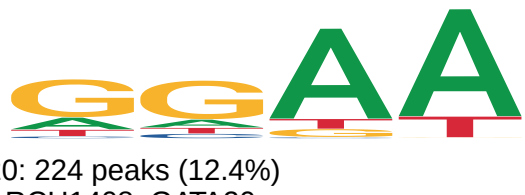
ARCH647_Smad2/Smad3_Smad9/S...

16: 234 peaks (12.9%)
Homeodomains.HG1.54:like:NOTO |
VAx−EMX−Like (ARCH1552_Pbx4/Pbx2/Pbx1)

ARCH647_Smad2/Smad3_Smad9/S...

17: 227 peaks (12.5%)
ARCH647_Smad2/Smad3_Smad9/S...

Pou4 (ARCH56_POU4F1)

18: 227 peaks (12.5%)
ARCH483_Tbx3/Tbx2

ARCH1627_Xbp1

19: 225 peaks (12.4%)
ARCH438_Spdef

Terf2ip |
Ncor2/Ncor1 |
Msantd4/Mypop (ARCH646_Msantd4/Mypop

20: 224 peaks (12.4%)
ARCH1408_GATA20

ARCH483_Tbx3/Tbx2

neuron_Pou4_FoxL2_3

1: 1215 peaks (54.6%)
ARCH647_Smad2/Smad3_Smad9/S... ARCH438_Spdef

2: 781 peaks (35.1%)
ARCH438_Spdef ARCH483_Tbx3/Tbx2

3: 675 peaks (30.3%)
ARCH647_Smad2/Smad3_Smad9/S... ARCH483_Tbx3/Tbx2

4: 610 peaks (27.4%)
ARCH438_Spdef ARCH1408_GATA20

5: 539 peaks (24.2%)
ARCH647_Smad2/Smad3_Smad9/S... ARCH438_Spdef ARCH483_Tbx3/Tbx2

6: 520 peaks (23.4%)
ARCH647_Smad2/Smad3_Smad9/S... ARCH1408_GATA20

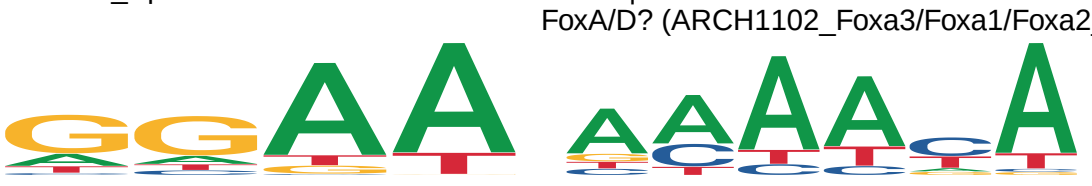
7: 480 peaks (21.6%)
ARCH438_Spdef ARCH1627_Xbp1

8: 444 peaks (20.0%)
Arid3c/Arid3a/Arid3b (ARCH13_Arid2_Arid3c/Arid3a/...) ARCH438_Spdef

9: 437 peaks (19.6%)
ARCH647_Smad2/Smad3_Smad9/S... ARCH1627_Xbp1

10: 406 peaks (18.2%)
ARCH647_Smad2/Smad3_Smad9/S... ARCH438_Spdef ARCH1408_GATA20

11: 403 peaks (18.1%)
ARCH438_Spdef FoxL2 | FoxA/D? (ARCH1102_Foxa3/Foxa1/Foxa2_...



12: 397 peaks (17.8%)
ARCH438_Spdef Homeodomains.HG1.54:like:NOTO | VAx−EMX−Like (ARCH1552_Pbx4/Pbx2/Pbx

13: 395 peaks (17.8%)
ARCH438_Spdef Pou4 (ARCH56_POU4F1)

14: 384 peaks (17.3%)
ARCH647_Smad2/Smad3_Smad9/S... Arid3c/Arid3a/Arid3b (ARCH13_Arid2_Arid3

15: 359 peaks (16.1%)
ARCH483_Tbx3/Tbx2 ARCH1408_GATA20

16: 348 peaks (15.6%)
ARCH647_Smad2/Smad3_Smad9/S... Pou4 (ARCH56_POU4F1)

17: 346 peaks (15.6%)
ARCH647_Smad2/Smad3_Smad9/S... ARCH438_Spdef ARCH1627_Xbp1

18: 345 peaks (15.5%)
ARCH647_Smad2/Smad3_Smad9/S... Homeodomains.HG1.54:like:NOTO | VAx−EMX−Like (ARCH1552_Pbx4/Pbx2/Pbx

19: 341 peaks (15.3%)
ARCH647_Smad2/Smad3_Smad9/S... FoxL2 | FoxA/D? (ARCH1102_Foxa3/Foxa1/Foxa2_...

20: 302 peaks (13.6%)
ARCH647_Smad2/Smad3_Smad9/S... Arid3c/Arid3a/Arid3b (ARCH13_Arid2_Arid3c/Arid3a/...) ARCH438_Spdef

neuronal_gastrula

1: 2981 peaks (49.1%)
ARCH438_Spdef

ARCH647_Smad2/Smad3_Smad9/S...

2: 2125 peaks (35.0%)
ARCH438_Spdef

ARCH483_Tbx3/Tbx2

3: 1837 peaks (30.2%)
ARCH1408_GATA20

ARCH438_Spdef

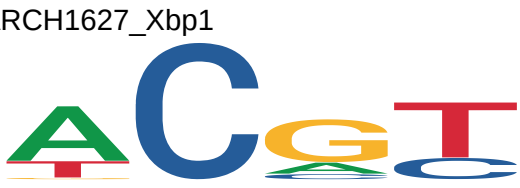
4: 1745 peaks (28.7%)
ARCH483_Tbx3/Tbx2

ARCH647_Smad2/Smad3_Smad9/S...

5: 1526 peaks (25.1%)
ARCH1408_GATA20

ARCH647_Smad2/Smad3_Smad9/S...

6: 1422 peaks (23.4%)
ARCH438_Spdef

ARCH1627_Xbp1


7: 1320 peaks (21.7%)
ARCH438_Spdef

ARCH483_Tbx3/Tbx2

ARCH647_Smad2/Smad3_Sr

8: 1178 peaks (19.4%)
ARCH1408_GATA20

ARCH438_Spdef

ARCH647_Smad2/Smad3_Sr

9: 1171 peaks (19.3%)
ARCH647_Smad2/Smad3_Smad9/S...

ARCH1627_Xbp1

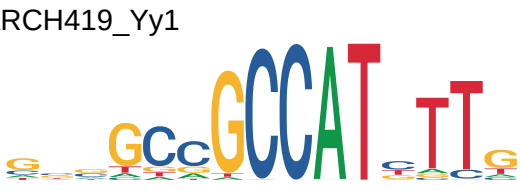
10: 1070 peaks (17.6%)
ARCH1408_GATA20

ARCH483_Tbx3/Tbx2

11: 1026 peaks (16.9%)
Nfya (ARCH178_Foxc2/Foxc1_Foxg1/G...)

ARCH438_Spdef

12: 914 peaks (15.0%)
ARCH438_Spdef

ARCH419_Yy1


13: 896 peaks (14.7%)
ARCH438_Spdef

ARCH647_Smad2/Smad3_Smad9/S...

ARCH1627_Xbp1

14: 836 peaks (13.8%)
Nfya (ARCH178_Foxc2/Foxc1_Foxg1/G...)

ARCH647_Smad2/Smad3_Smad9/S...

15: 827 peaks (13.6%)
ARCH1408_GATA20

ARCH438_Spdef

ARCH483_Tbx3/Tbx2

16: 817 peaks (13.4%)
ARCH483_Tbx3/Tbx2

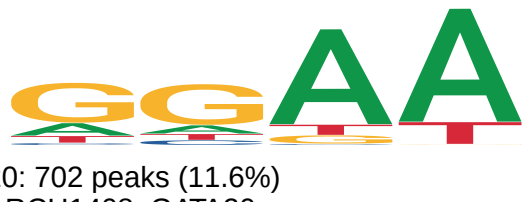
ARCH1627_Xbp1

17: 798 peaks (13.1%)
ARCH438_Spdef

Foxn4/Foxn1 (ARCH954_Foxn4/Foxn1)

18: 734 peaks (12.1%)
ARCH419_Yy1

ARCH647_Smad2/Smad3_Smad9/S...

19: 732 peaks (12.0%)
ARCH438_Spdef

Homeodomains.HG1.54:like:NOTO | VAx−EMX−Like (ARCH1552_Pbx4/Pbx2/Pbx

20: 702 peaks (11.6%)
ARCH1408_GATA20

ARCH1627_Xbp1

gland

1: 411 peaks (52.6%)
ARCH438_Spdef

ARCH647_Smad2/Smad3_Smad9/S...

2: 244 peaks (31.2%)
ARCH438_Spdef

ARCH483_Tbx3/Tbx2

3: 215 peaks (27.5%)
ARCH1627_Xbp1

ARCH438_Spdef

4: 208 peaks (26.6%)
ARCH483_Tbx3/Tbx2

ARCH647_Smad2/Smad3_Smad9/S...

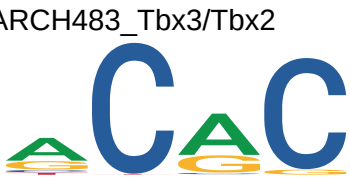
5: 192 peaks (24.6%)
ARCH1627_Xbp1

ARCH647_Smad2/Smad3_Smad9/S...

6: 192 peaks (24.6%)
ARCH438_Spdef

ARCH1408_GATA20

7: 160 peaks (20.5%)
ARCH438_Spdef

ARCH483_Tbx3/Tbx2

ARCH647_Smad2/Smad3_Sr

8: 149 peaks (19.1%)
ARCH647_Smad2/Smad3_Smad9/S...

ARCH1408_GATA20

9: 148 peaks (18.9%)
ARCH1627_Xbp1

ARCH438_Spdef

ARCH647_Smad2/Smad3_Sr

10: 128 peaks (16.4%)
ARCH438_Spdef

Homeodomains.HG1.54:like:NOTO |
VAx−EMX−Like (ARCH1552_Pbx4/Pbx2/Pbx

11: 125 peaks (16.0%)
ARCH438_Spdef

Arid3c/Arid3a/Arid3b (ARCH13_Arid2_Arid3

12: 124 peaks (15.9%)
ARCH647_Smad2/Smad3_Smad9/S...

Homeodomains.HG1.54:like:NOTO |
VAx−EMX−Like (ARCH1552_Pbx4/Pbx2/Pbx

13: 119 peaks (15.2%)
ARCH438_Spdef

ARCH647_Smad2/Smad3_Smad9/S...

ARCH1408_GATA20

14: 113 peaks (14.5%)
ARCH438_Spdef

Nfya (ARCH178_Foxc2/Foxc1_Foxg1/G...)

15: 111 peaks (14.2%)
ARCH647_Smad2/Smad3_Smad9/S...

Arid3c/Arid3a/Arid3b (ARCH13_Arid2_Arid3

16: 93 peaks (11.9%)
ARCH1627_Xbp1

ARCH483_Tbx3/Tbx2

17: 92 peaks (11.8%)
ARCH438_Spdef

FoxA (ARCH1291_Fox:Ebox)

18: 91 peaks (11.6%)
ARCH647_Smad2/Smad3_Smad9/S...

Nfya (ARCH178_Foxc2/Foxc1_Foxg1/G...)

19: 90 peaks (11.5%)
ARCH438_Spdef

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

20: 90 peaks (11.5%)
ARCH438_Spdef

HLH.HG1.34:like:ASCL1/ASCL2/ASCL3/ASC
Tcf3/Tcf12/Tcf4 (ARCH477_Ptf1a)

gland_mucin

1: 7066 peaks (50.5%)
ARCH438_Spdef

ARCH647_Smad2/Smad3_Smad9/S...

2: 4233 peaks (30.2%)
ARCH438_Spdef

ARCH483_Tbx3/Tbx2

3: 4158 peaks (29.7%)
ARCH1408_GATA20

ARCH438_Spdef

4: 3536 peaks (25.2%)
ARCH483_Tbx3/Tbx2

ARCH647_Smad2/Smad3_Smad9/S...

5: 3492 peaks (24.9%)
ARCH438_Spdef

ARCH1627_Xbp1

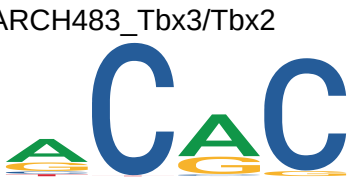
6: 3486 peaks (24.9%)
ARCH1408_GATA20

ARCH647_Smad2/Smad3_Smad9/S...

7: 2987 peaks (21.3%)
ARCH647_Smad2/Smad3_Smad9/S...

ARCH1627_Xbp1

8: 2726 peaks (19.5%)
ARCH438_Spdef

ARCH483_Tbx3/Tbx2

ARCH647_Smad2/Smad3_Sm

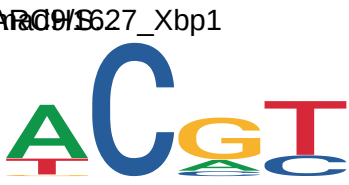
9: 2704 peaks (19.3%)
ARCH1408_GATA20

ARCH438_Spdef

ARCH647_Smad2/Smad3_Sm

10: 2285 peaks (16.3%)
ARCH438_Spdef

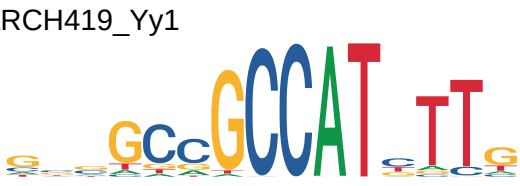
ARCH647_Smad2/Smad3_Smad9/S...

ARCH1627_Xbp1


11: 2220 peaks (15.9%)
ARCH438_Spdef

Homeodomains.HG1.54:like:NOTO | VAx−EMX−Like (ARCH1552_Pbx4/Pbx2/Pbx

12: 2070 peaks (14.8%)
ARCH438_Spdef

ARCH419_Yy1


13: 2050 peaks (14.6%)
ARCH1408_GATA20

ARCH483_Tbx3/Tbx2

14: 1910 peaks (13.6%)
ARCH647_Smad2/Smad3_Smad9/S...

Homeodomains.HG1.54:like:NOTO | VAx−EMX−Like (ARCH1552_Pbx4/Pbx2/Pbx

15: 1781 peaks (12.7%)
Nfya (ARCH178_Foxc2/Foxc1_Foxg1/G...)

ARCH438_Spdef

16: 1777 peaks (12.7%)
ARCH1408_GATA20

ARCH1627_Xbp1

17: 1772 peaks (12.7%)
ARCH438_Spdef

Foxn4/Foxn1 (ARCH954_Foxn4/Foxn1)

18: 1763 peaks (12.6%)
ARCH483_Tbx3/Tbx2

ARCH1627_Xbp1

19: 1710 peaks (12.2%)
ARCH419_Yy1

ARCH647_Smad2/Smad3_Smad9/S...

20: 1689 peaks (12.1%)
ARCH438_Spdef

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