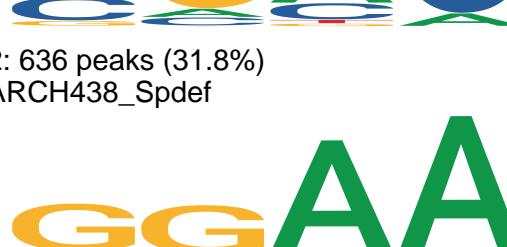


# cnidocyte

1: 865 peaks (43.2%)

ARCH647\_Smad2/Smad3\_Smad9/S...

ARCH438\_Spdef



2: 636 peaks (31.8%)

ARCH438\_Spdef

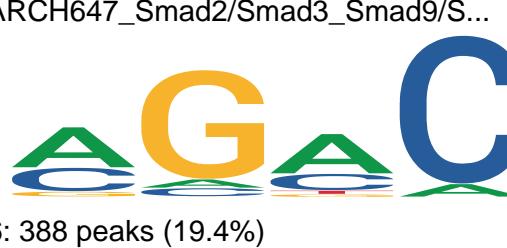
ARCH483\_Tbx3/Tbx2



3: 563 peaks (28.1%)

ARCH647\_Smad2/Smad3\_Smad9/S...

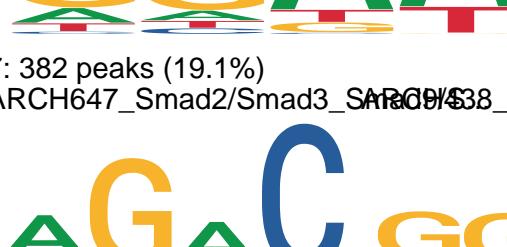
ARCH483\_Tbx3/Tbx2



4: 503 peaks (25.1%)

ARCH438\_Spdef

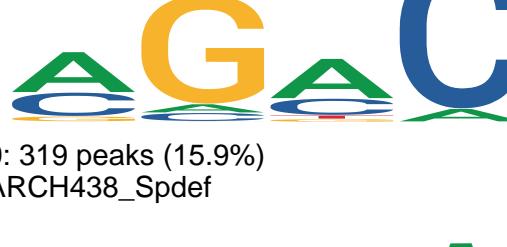
ARCH1408\_GATA20



5: 454 peaks (22.7%)

ARCH647\_Smad2/Smad3\_Smad9/S...

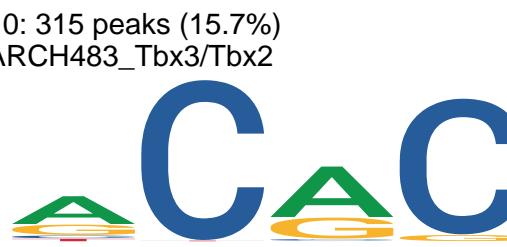
ARCH1408\_GATA20



6: 388 peaks (19.4%)

ARCH438\_Spdef

ARCH1627\_Xbp1



7: 382 peaks (19.1%)

ARCH647\_Smad2/Smad3\_Smad9/S...

ARCH483\_Tbx3/Tbx2



8: 336 peaks (16.8%)

ARCH647\_Smad2/Smad3\_Smad9/S...

ARCH1627\_Xbp1



9: 319 peaks (15.9%)

ARCH438\_Spdef

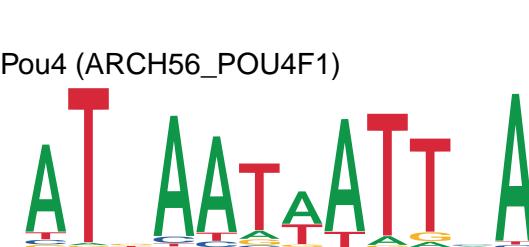
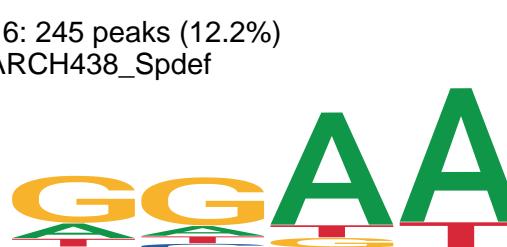
FoxL2 | FoxA/D? (ARCH1102\_Foxa3/Foxa1/Foxa2\_...)



10: 315 peaks (15.7%)

ARCH483\_Tbx3/Tbx2

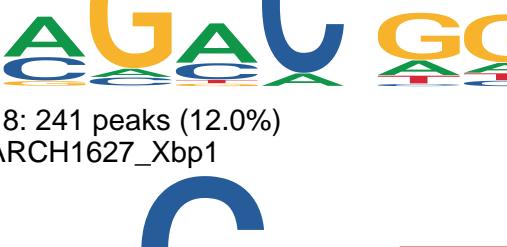
ARCH1408\_GATA20



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



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...

ARCH438\_Spdef



15: 245 peaks (12.2%)

ARCH438\_Spdef

zf-C2H2.HG1.35:FEZF1/FEZF2/GFI | Egr3/Egr1 | Insm1 (ARCH530\_Snai2)



16: 245 peaks (12.2%)

ARCH438\_Spdef

Pou4 (ARCH56\_POU4F1)



17: 243 peaks (12.1%)

ARCH647\_Smad2/Smad3\_Smad9/S...

ARCH1627\_Xbp1



18: 241 peaks (12.0%)

ARCH1627\_Xbp1

ARCH483\_Tbx3/Tbx2



19: 228 peaks (11.4%)

ARCH438\_Spdef

ARCH1408\_GATA20



20: 221 peaks (11.0%)

ARCH647\_Smad2/Smad3\_Smad9/S...

zf-C2H2.HG1.35:FEZF1/FEZF2/GFI | Egr3/Egr1 | Insm1 (ARCH530\_Snai2)

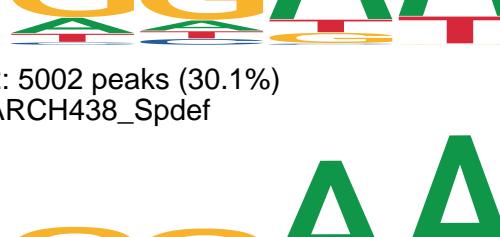


# cnidocyte\_gastrula

1: 8266 peaks (49.7%)

ARCH438\_Spdef

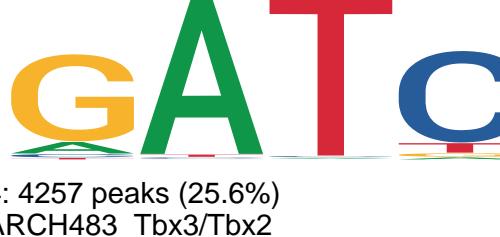
ARCH647\_Smad2/Smad3\_Smad9/S...



2: 5002 peaks (30.1%)

ARCH438\_Spdef

ARCH483\_Tbx3/Tbx2



3: 4964 peaks (29.8%)

ARCH1408\_GATA20

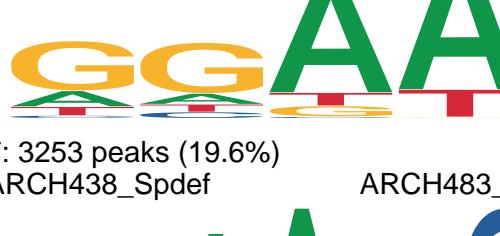
ARCH438\_Spdef



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

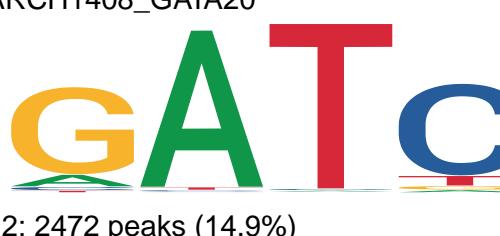


7: 3253 peaks (19.6%)

ARCH438\_Spdef

ARCH483\_Tbx3/Tbx2

ARCH647\_Smad2/Smad3\_S...



8: 3243 peaks (19.5%)

ARCH647\_Smad2/Smad3\_Smad9/S...

ARCH1627\_Xbp1

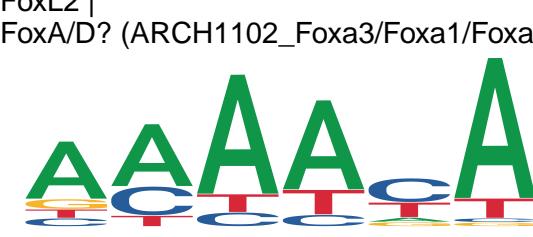


9: 3226 peaks (19.4%)

ARCH1408\_GATA20

ARCH438\_Spdef

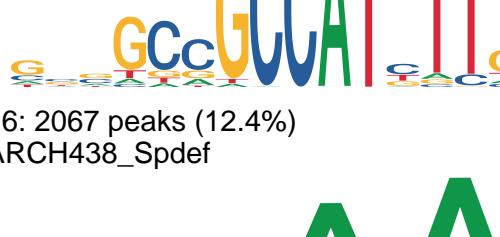
ARCH647\_Smad2/Smad3\_S...



10: 2598 peaks (15.6%)

ARCH438\_Spdef

ARCH419\_Yy1



11: 2505 peaks (15.1%)

ARCH1408\_GATA20

ARCH483\_Tbx3/Tbx2

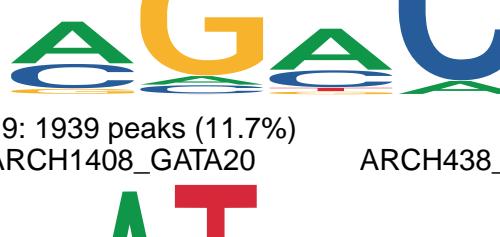


12: 2472 peaks (14.9%)

ARCH438\_Spdef

ARCH647\_Smad2/Smad3\_S...

ARCH1627\_Xbp1



13: 2232 peaks (13.4%)

ARCH438\_Spdef

Homeodomains.HG1.54:like:NOTO | VAX-EMX-Like (ARCH1552\_Pbx4/Pbx2/Pbx3)



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

ARCH1627\_Xbp1



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/Pbx3)



19: 1939 peaks (11.7%)

ARCH1408\_GATA20

ARCH483\_Tbx3/Tbx2



20: 1933 peaks (11.6%)

ARCH438\_Spdef

ARCH1420\_RUNX2



# ecto\_pharynx

1: 10292 peaks (50.1%)

ARCH438\_Spdef

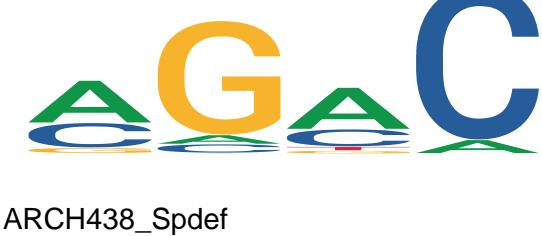
ARCH647\_Smad2/Smad3\_Smad9/S...



2: 6141 peaks (29.9%)

ARCH438\_Spdef

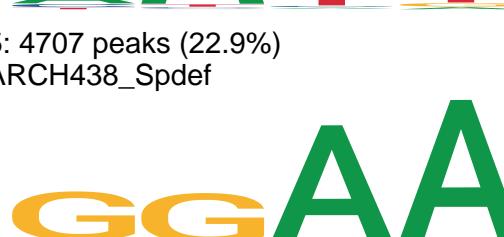
ARCH483\_Tbx3/Tbx2



3: 5302 peaks (25.8%)

ARCH483\_Tbx3/Tbx2

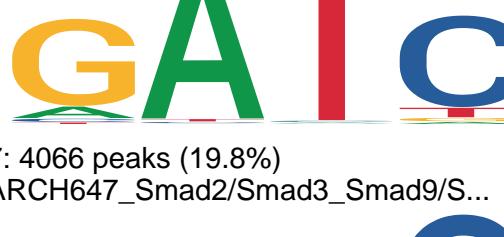
ARCH647\_Smad2/Smad3\_Smad9/S...



4: 5070 peaks (24.7%)

ARCH1408\_GATA20

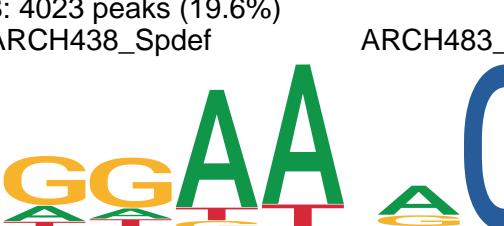
ARCH438\_Spdef



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...

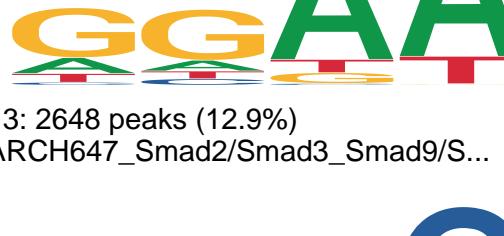
ARCH1627\_Xbp1



8: 4023 peaks (19.6%)

ARCH438\_Spdef

ARCH647\_Smad2/Smad3\_Sr...

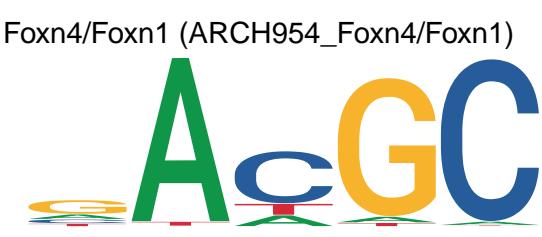


9: 3306 peaks (16.1%)

ARCH1408\_GATA20

ARCH438\_Spdef

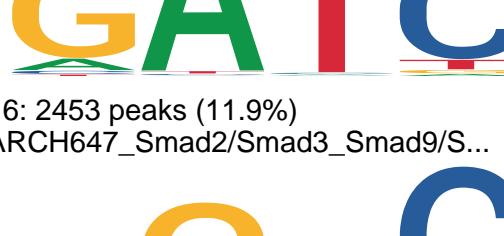
ARCH647\_Smad2/Smad3\_Sr...



10: 3054 peaks (14.9%)

ARCH438\_Spdef

ARCH647\_Smad2/Smad3\_Smad9/S...



11: 3026 peaks (14.7%)

ARCH438\_Spdef

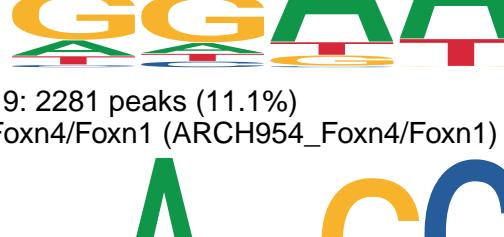
Homeodomains.HG1.54:like:NOTO | VAX-EMX-Like (ARCH1552\_Pbx4/Pbx2/Pbx1)



12: 2979 peaks (14.5%)

ARCH438\_Spdef

ARCH419\_Yy1



13: 2648 peaks (12.9%)

ARCH647\_Smad2/Smad3\_Smad9/S...

ARCH438\_Spdef

ARCH647\_Smad2/Smad3\_Smad9/S...



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

Foxn4/Foxn1 (ARCH954\_Foxn4/Foxn1)



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...

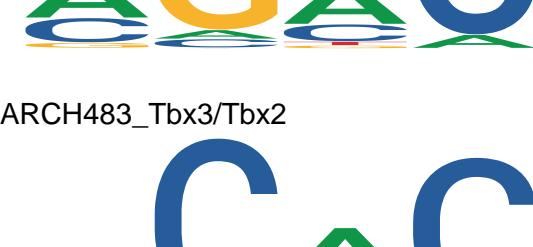
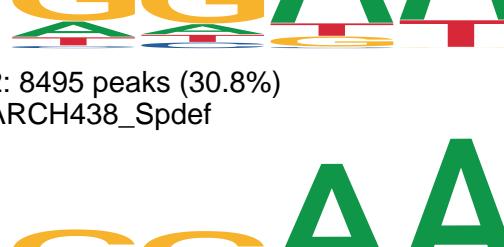


# ectoderm

1: 14141 peaks (51.3%)

ARCH438\_Spdef

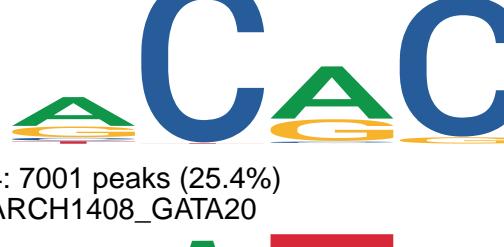
ARCH647\_Smad2/Smad3\_Smad9/S...



2: 8495 peaks (30.8%)

ARCH438\_Spdef

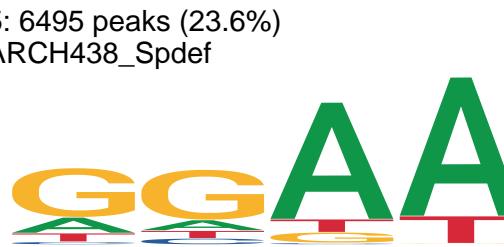
ARCH483\_Tbx3/Tbx2



3: 7357 peaks (26.7%)

ARCH483\_Tbx3/Tbx2

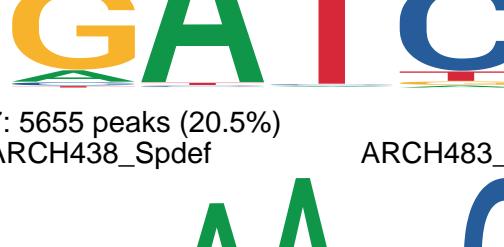
ARCH647\_Smad2/Smad3\_Smad9/S...



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...

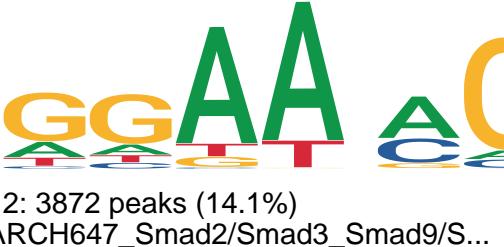


7: 5655 peaks (20.5%)

ARCH438\_Spdef

ARCH483\_Tbx3/Tbx2

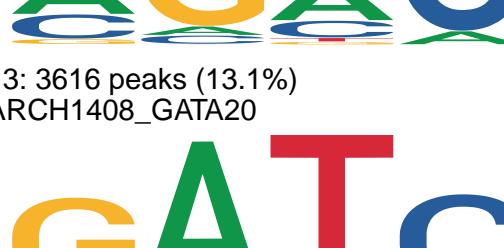
ARCH647\_Smad2/Smad3\_S...



8: 5534 peaks (20.1%)

ARCH647\_Smad2/Smad3\_Smad9/S...

ARCH1627\_Xbp1



9: 4676 peaks (17.0%)

ARCH1408\_GATA20

ARCH438\_Spdef

ARCH647\_Smad2/Smad3\_S...



10: 4441 peaks (16.1%)

ARCH438\_Spdef

Homeodomains.HG1.54:like:NOTO |  
VAx-EMX-Like (ARCH1552\_Pbx4/Pbx2/Pbx1)



11: 4243 peaks (15.4%)

ARCH438\_Spdef

ARCH647\_Smad2/Smad3\_S...

ARCH1627\_Xbp1



12: 3872 peaks (14.1%)

ARCH647\_Smad2/Smad3\_Smad9/S...

Homeodomains.HG1.54:like:NOTO |  
VAx-EMX-Like (ARCH1552\_Pbx4/Pbx2/Pbx1)



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

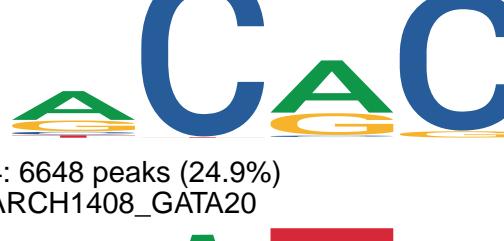
ARCH647\_Smad2/Smad3\_Smad9/S...



2: 8226 peaks (30.9%)

ARCH438\_Spdef

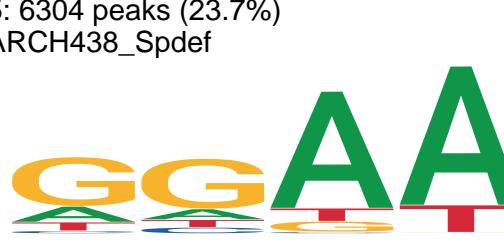
ARCH483\_Tbx3/Tbx2



3: 7298 peaks (27.4%)

ARCH483\_Tbx3/Tbx2

ARCH647\_Smad2/Smad3\_Smad9/S...



4: 6648 peaks (24.9%)

ARCH1408\_GATA20

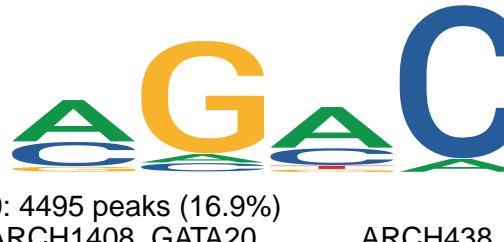
ARCH438\_Spdef



5: 6304 peaks (23.7%)

ARCH438\_Spdef

ARCH1627\_Xbp1



6: 5835 peaks (21.9%)

ARCH1408\_GATA20

ARCH647\_Smad2/Smad3\_Smad9/S...

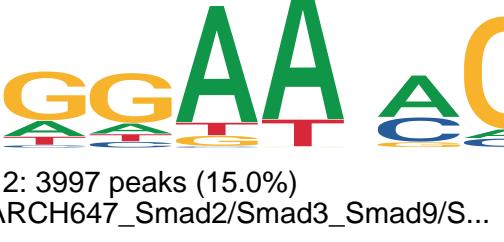


7: 5569 peaks (20.9%)

ARCH438\_Spdef

ARCH483\_Tbx3/Tbx2

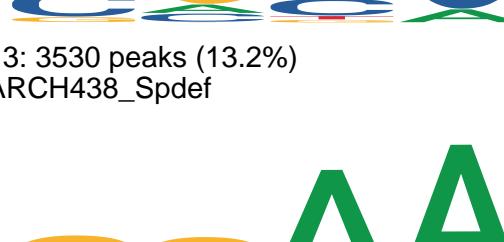
ARCH647\_Smad2/Smad3\_S...



8: 5494 peaks (20.6%)

ARCH647\_Smad2/Smad3\_Smad9/S...

ARCH1627\_Xbp1

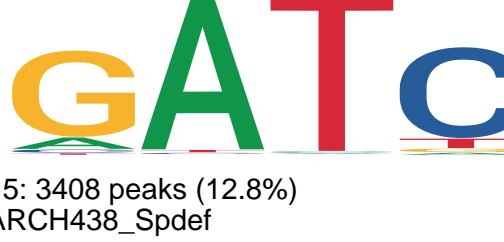


9: 4495 peaks (16.9%)

ARCH1408\_GATA20

ARCH438\_Spdef

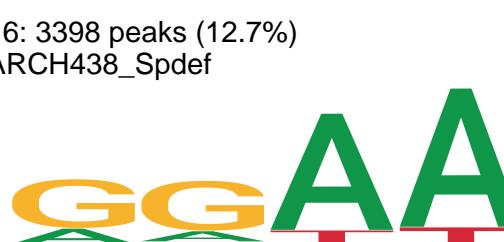
ARCH647\_Smad2/Smad3\_S...



10: 4472 peaks (16.8%)

ARCH438\_Spdef

Homeodomains.HG1.54:like:NOTO | VAx-EMX-Like (ARCH1552\_Pbx4/Pbx2/Pbx1)

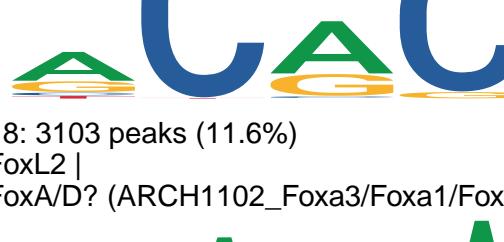


11: 4229 peaks (15.9%)

ARCH438\_Spdef

ARCH647\_Smad2/Smad3\_S...

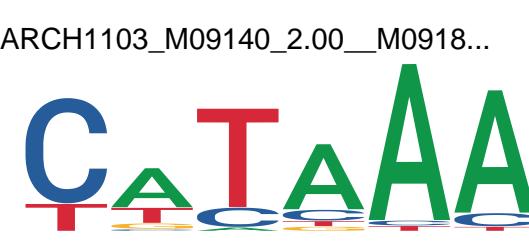
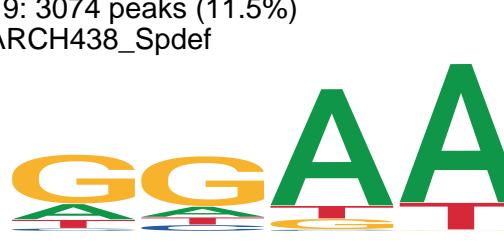
ARCH1627\_Xbp1



12: 3997 peaks (15.0%)

ARCH647\_Smad2/Smad3\_Smad9/S...

Homeodomains.HG1.54:like:NOTO | VAx-EMX-Like (ARCH1552\_Pbx4/Pbx2/Pbx1)



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...

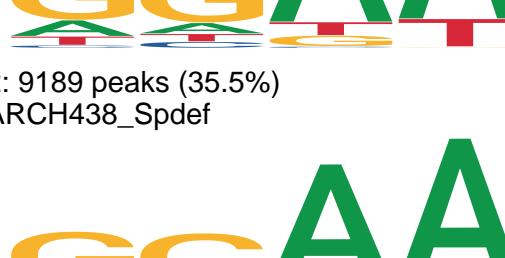


# EMS

1: 12936 peaks (50.0%)

ARCH438\_Spdef

ARCH647\_Smad2/Smad3\_Smad9/S...



2: 9189 peaks (35.5%)

ARCH438\_Spdef

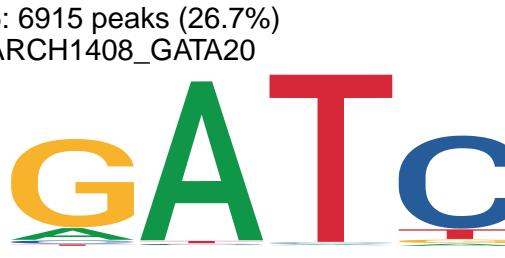
ARCH483\_Tbx3/Tbx2



3: 8234 peaks (31.8%)

ARCH1408\_GATA20

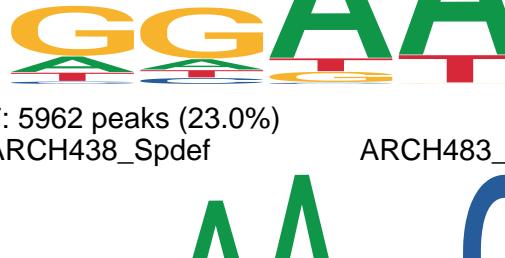
ARCH438\_Spdef



4: 7778 peaks (30.0%)

ARCH483\_Tbx3/Tbx2

ARCH647\_Smad2/Smad3\_Smad9/S...



5: 6915 peaks (26.7%)

ARCH1408\_GATA20

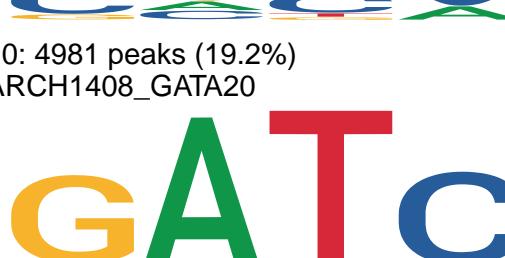
ARCH647\_Smad2/Smad3\_Smad9/S...



6: 6276 peaks (24.2%)

ARCH438\_Spdef

ARCH1627\_Xbp1

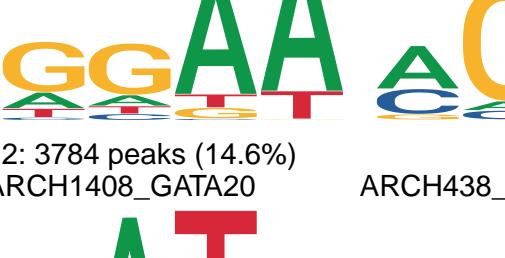


7: 5962 peaks (23.0%)

ARCH438\_Spdef

ARCH483\_Tbx3/Tbx2

ARCH647\_Smad2/Smad3\_S...

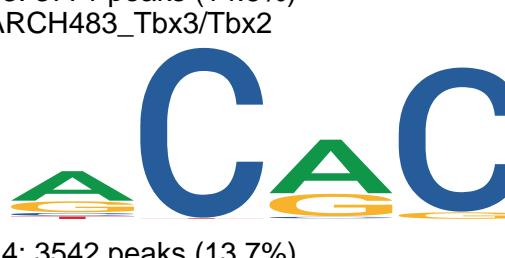


8: 5275 peaks (20.4%)

ARCH1408\_GATA20

ARCH438\_Spdef

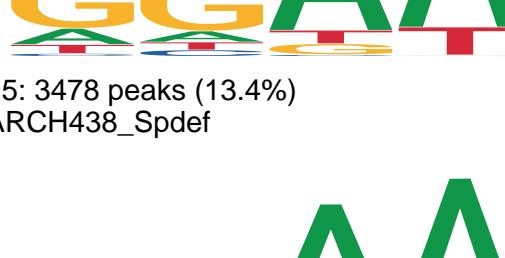
ARCH647\_Smad2/Smad3\_S...



9: 5238 peaks (20.2%)

ARCH647\_Smad2/Smad3\_Smad9/S...

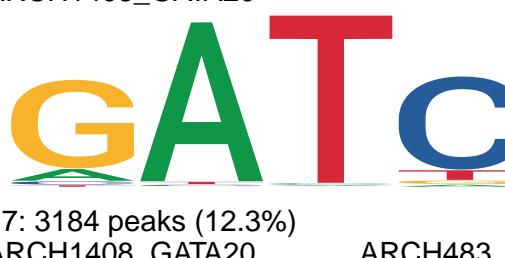
ARCH1627\_Xbp1



10: 4981 peaks (19.2%)

ARCH1408\_GATA20

ARCH483\_Tbx3/Tbx2



11: 4030 peaks (15.6%)

ARCH438\_Spdef

ARCH647\_Smad2/Smad3\_S...

ARCH1627\_Xbp1

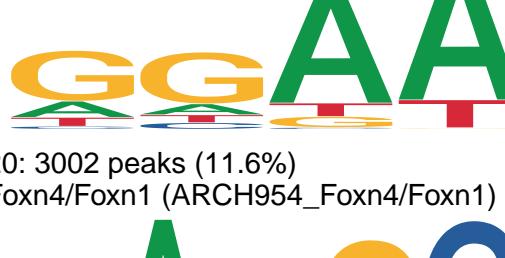


12: 3784 peaks (14.6%)

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/Pbx3)



16: 3415 peaks (13.2%)

ARCH1408\_GATA20

ARCH1627\_Xbp1



17: 3184 peaks (12.3%)

ARCH1408\_GATA20

ARCH483\_Tbx3/Tbx2

ARCH647\_Smad2/Smad3\_S...



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...

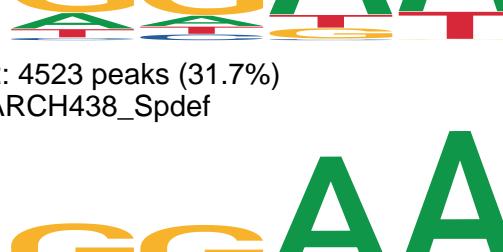


# EMS\_ecto\_boundary

1: 7199 peaks (50.4%)

ARCH438\_Spdef

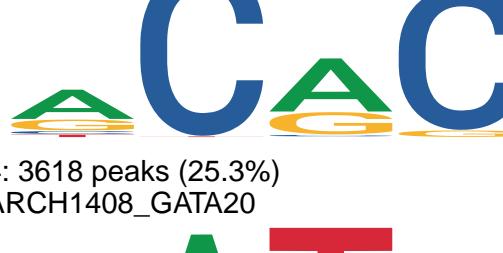
ARCH647\_Smad2/Smad3\_Smad9/S...



2: 4523 peaks (31.7%)

ARCH438\_Spdef

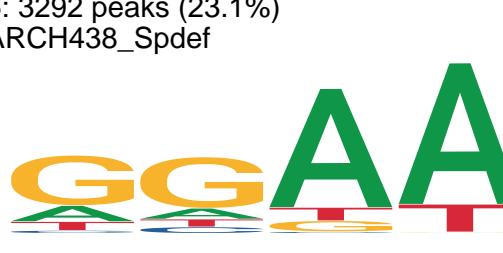
ARCH483\_Tbx3/Tbx2



3: 3824 peaks (26.8%)

ARCH483\_Tbx3/Tbx2

ARCH647\_Smad2/Smad3\_Smad9/S...



4: 3618 peaks (25.3%)

ARCH1408\_GATA20

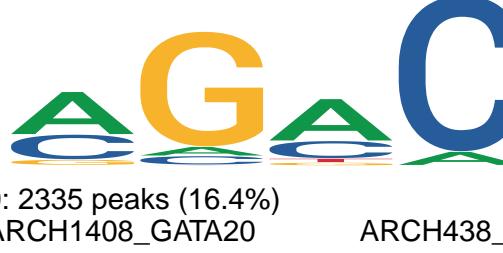
ARCH438\_Spdef



5: 3292 peaks (23.1%)

ARCH438\_Spdef

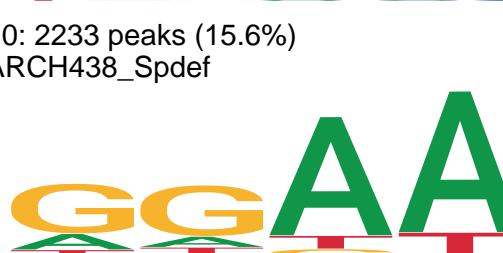
ARCH1627\_Xbp1



6: 3075 peaks (21.5%)

ARCH1408\_GATA20

ARCH647\_Smad2/Smad3\_Smad9/S...

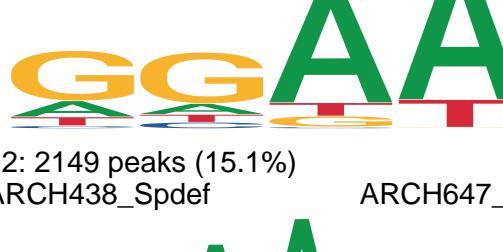


7: 2942 peaks (20.6%)

ARCH438\_Spdef

ARCH483\_Tbx3/Tbx2

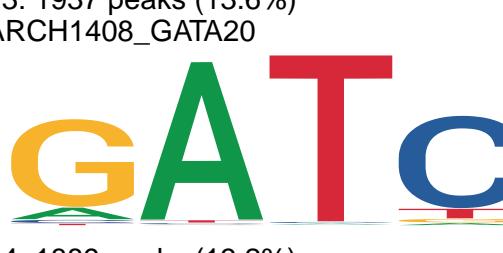
ARCH647\_Smad2/Smad3\_S...



8: 2842 peaks (19.9%)

ARCH647\_Smad2/Smad3\_Smad9/S...

ARCH1627\_Xbp1

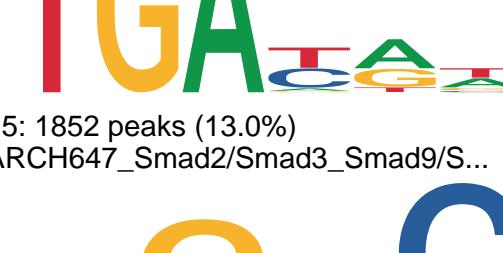


9: 2335 peaks (16.4%)

ARCH1408\_GATA20

ARCH438\_Spdef

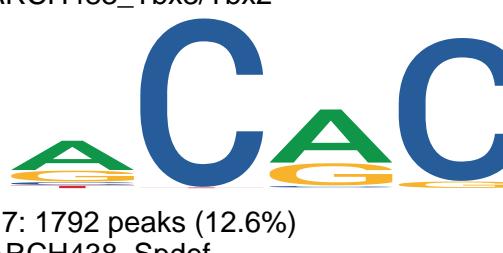
ARCH647\_Smad2/Smad3\_S...



10: 2233 peaks (15.6%)

ARCH438\_Spdef

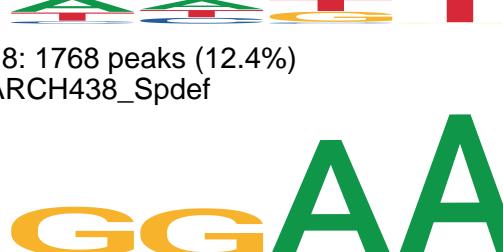
ARCH419\_Yy1



11: 2172 peaks (15.2%)

ARCH438\_Spdef

Homeodomains.HG1.54:like:NOTO | VAx-EMX-Like (ARCH1552\_Pbx4/Pbx2/Pbx1)

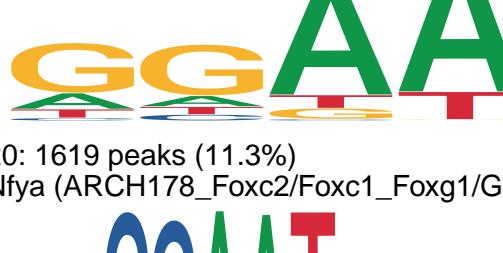


12: 2149 peaks (15.1%)

ARCH438\_Spdef

ARCH647\_Smad2/Smad3\_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



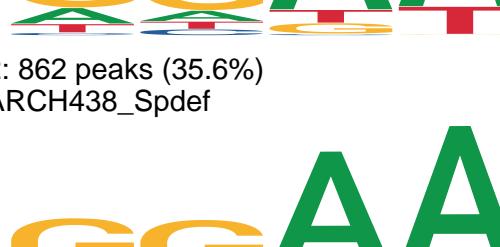


# gastro\_circular\_muscle\_2

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

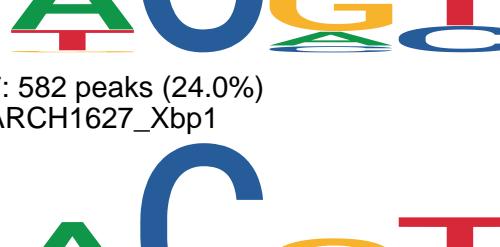
ARCH1408\_GATA20



4: 770 peaks (31.8%)

ARCH483\_Tbx3/Tbx2

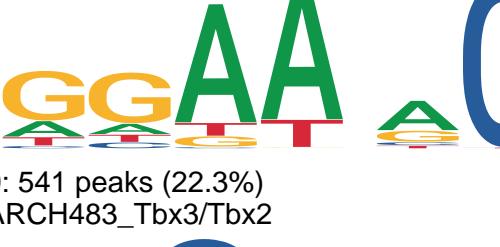
ARCH647\_Smad2/Smad3\_Smad9/S...



5: 716 peaks (29.5%)

ARCH647\_Smad2/Smad3\_Smad9/S...

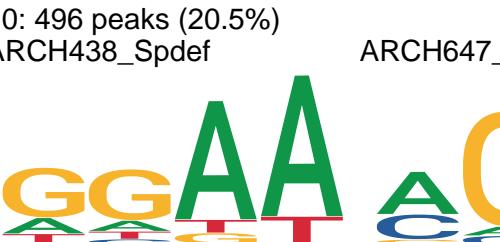
ARCH1408\_GATA20



6: 634 peaks (26.2%)

ARCH1627\_Xbp1

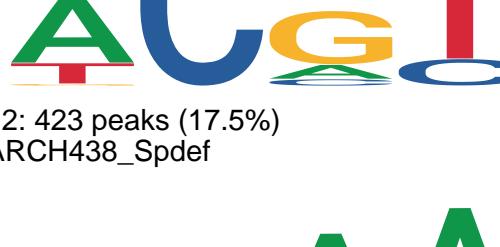
ARCH438\_Spdef



7: 582 peaks (24.0%)

ARCH1627\_Xbp1

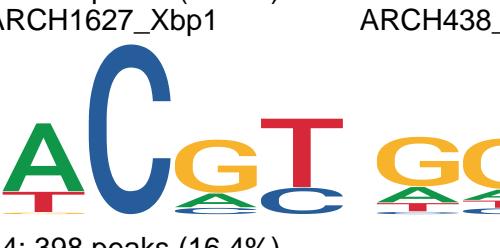
ARCH647\_Smad2/Smad3\_Smad9/S...



8: 551 peaks (22.7%)

ARCH438\_Spdef

ARCH647\_Smad2/Smad3\_S...



9: 541 peaks (22.3%)

ARCH483\_Tbx3/Tbx2

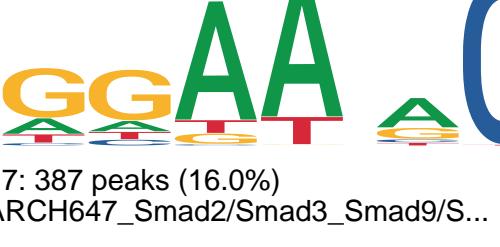
ARCH1408\_GATA20



10: 496 peaks (20.5%)

ARCH438\_Spdef

ARCH647\_Smad2/Smad3\_S...



11: 425 peaks (17.5%)

ARCH1627\_Xbp1

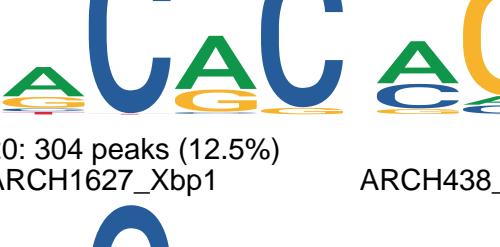
ARCH483\_Tbx3/Tbx2



12: 423 peaks (17.5%)

ARCH438\_Spdef

Homeodomains.HG1.54:like:NOTO | VAX-EMX-Like (ARCH1552\_Pbx4/Pbx2/Pbx3)



13: 419 peaks (17.3%)

ARCH1627\_Xbp1

ARCH438\_Spdef

ARCH647\_Smad2/Smad3\_S...



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/Pbx3)



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\_S...

ARCH1408\_GATA20



20: 304 peaks (12.5%)

ARCH1627\_Xbp1

ARCH438\_Spdef

ARCH483\_Tbx3/Tbx2



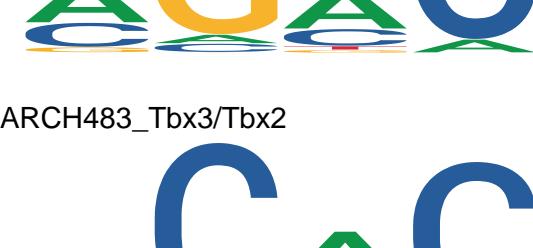
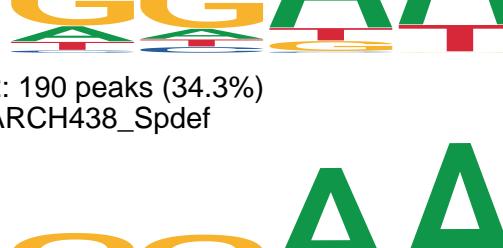


# gastro\_IRF1\_2

1: 272 peaks (49.1%)

ARCH438\_Spdef

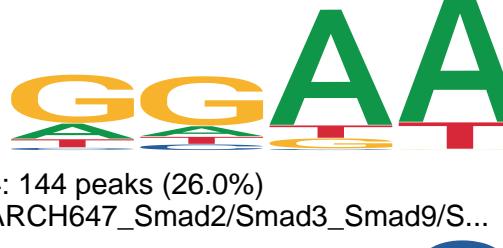
ARCH647\_Smad2/Smad3\_Smad9/S...



2: 190 peaks (34.3%)

ARCH438\_Spdef

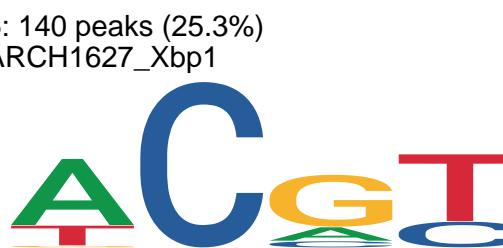
ARCH483\_Tbx3/Tbx2



3: 154 peaks (27.8%)

ARCH438\_Spdef

ARCH1408\_GATA20



4: 144 peaks (26.0%)

ARCH647\_Smad2/Smad3\_Smad9/S...

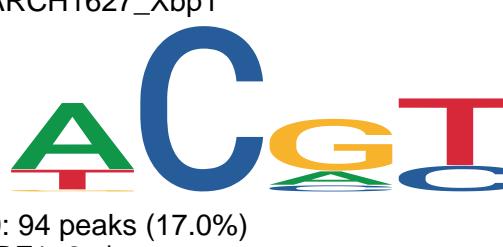
ARCH483\_Tbx3/Tbx2



5: 140 peaks (25.3%)

ARCH1627\_Xbp1

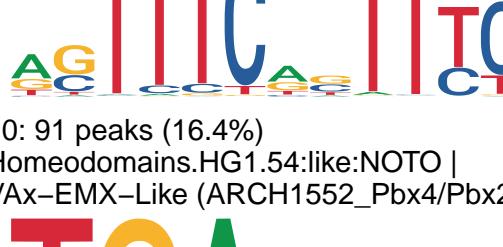
ARCH438\_Spdef



6: 120 peaks (21.7%)

ARCH438\_Spdef

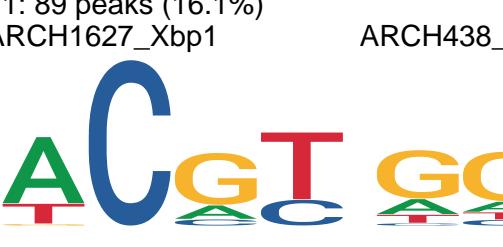
ARCH647\_Smad2/Smad3\_Smad9/S... ARCH483\_Tbx3/Tbx2



7: 117 peaks (21.1%)

ARCH647\_Smad2/Smad3\_Smad9/S...

ARCH1408\_GATA20



8: 103 peaks (18.6%)

ARCH1627\_Xbp1

ARCH647\_Smad2/Smad3\_Smad9/S...



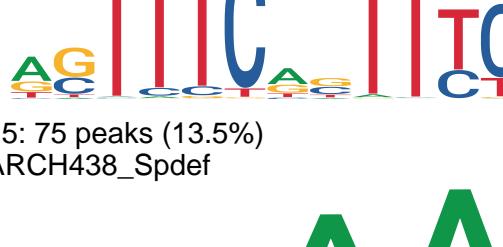
9: 94 peaks (17.0%)

IRF1-2c |

IRF.HG1.1:IRF1/IRF2/IRF3/IRF4/

Irf7/Irf4/Irf8/Irf5/Irf9/Irf6/ (ARCH591\_ISRE\_IRF3\_IRF8)

ARCH438\_Spdef

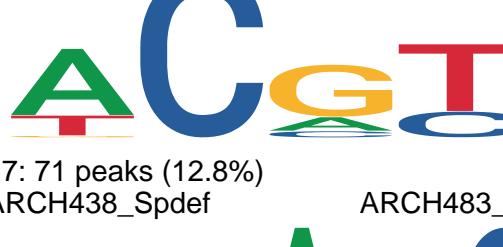


10: 91 peaks (16.4%)

Homeodomains.HG1.54:like:NOTO |

VAX-EMX-Like (ARCH1552\_Pbx4/Pbx2/Pbx1)

ARCH438\_Spdef

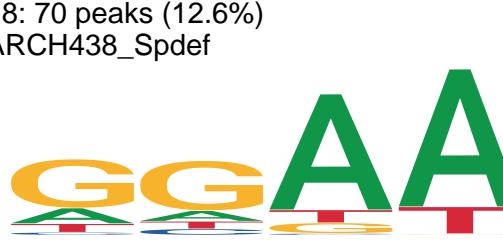


11: 89 peaks (16.1%)

ARCH1627\_Xbp1

ARCH438\_Spdef

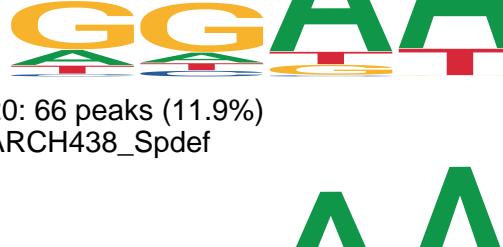
ARCH647\_Smad2/Smad3\_Smad9/S...



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/

Irf7/Irf4/Irf8/Irf5/Irf9/Irf6/ (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

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

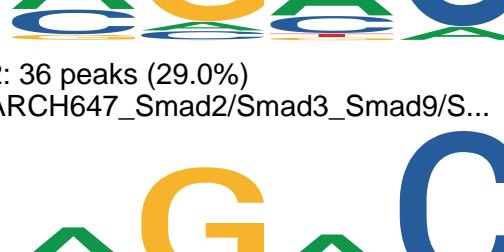


# gastro\_somatic\_gonad

1: 66 peaks (53.2%)

ARCH647\_Smad2/Smad3\_Smad9/S...

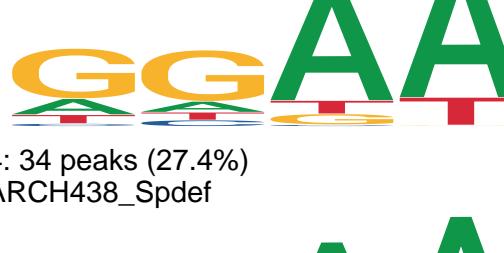
ARCH438\_Spdef



2: 36 peaks (29.0%)

ARCH647\_Smad2/Smad3\_Smad9/S...

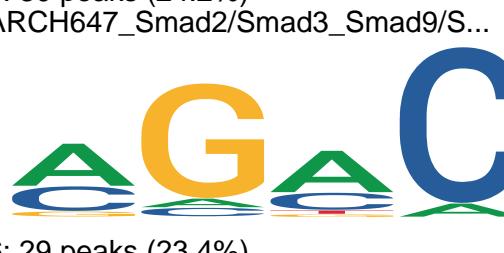
ARCH483\_Tbx3/Tbx2



3: 34 peaks (27.4%)

ARCH438\_Spdef

ARCH483\_Tbx3/Tbx2



4: 34 peaks (27.4%)

ARCH438\_Spdef

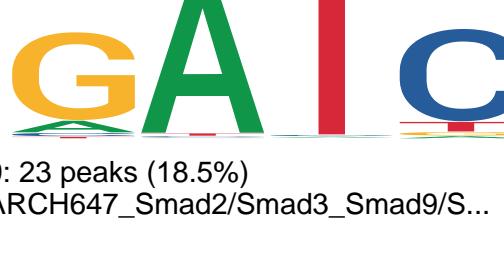
ARCH1627\_Xbp1



5: 30 peaks (24.2%)

ARCH647\_Smad2/Smad3\_Smad9/S...

ARCH1627\_Xbp1



6: 29 peaks (23.4%)

ARCH1408\_GATA20

ARCH647\_Smad2/Smad3\_Smad9/S...

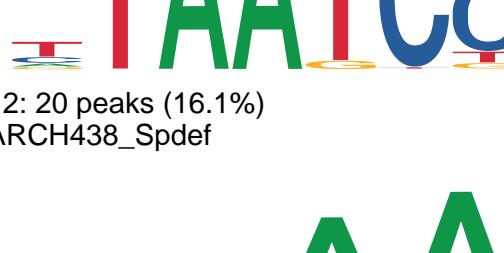


7: 26 peaks (21.0%)

ARCH647\_Smad2/Smad3\_Smad9/S...

ARCH483\_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\_...

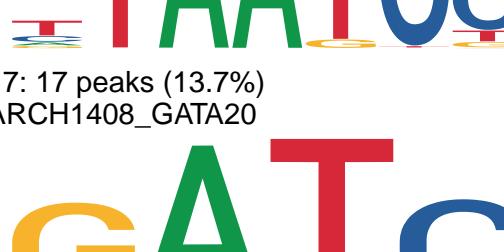


10: 23 peaks (18.5%)

ARCH647\_Smad2/Smad3\_Smad9/S...

ARCH438\_Spdef

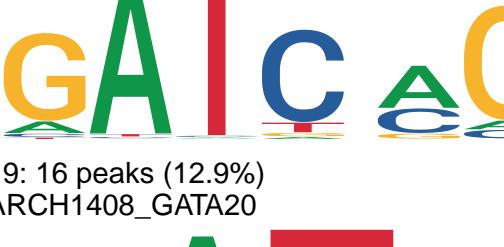
ARCH1627\_Xbp1



11: 20 peaks (16.1%)

ARCH1429\_Dmbx1\_Gsc2/Gsc//Ob...

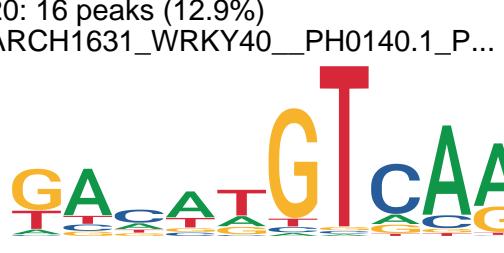
ARCH647\_Smad2/Smad3\_Smad9/S...



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...



19: 16 peaks (12.9%)

ARCH1408\_GATA20

ARCH483\_Tbx3/Tbx2



20: 16 peaks (12.9%)

ARCH1631\_WRKY40\_PH0140.1\_P...

ARCH438\_Spdef





# muscle\_mesentery\_retractor

1: 399 peaks (52.3%)

ARCH647\_Smad2/Smad3\_Smad9/S...

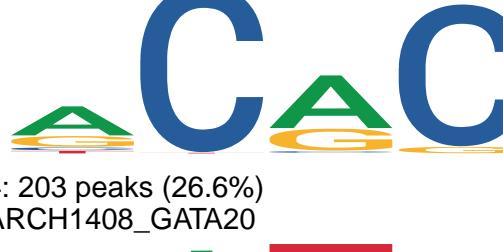
ARCH438\_Spdef



2: 237 peaks (31.1%)

ARCH647\_Smad2/Smad3\_Smad9/S...

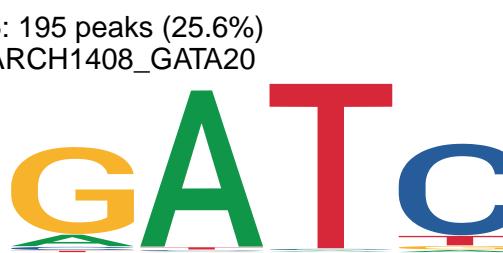
ARCH483\_Tbx3/Tbx2



3: 223 peaks (29.2%)

ARCH483\_Tbx3/Tbx2

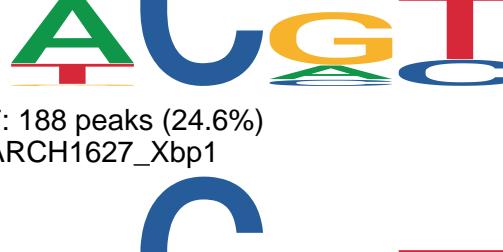
ARCH438\_Spdef



4: 203 peaks (26.6%)

ARCH1408\_GATA20

ARCH438\_Spdef



5: 195 peaks (25.6%)

ARCH1408\_GATA20

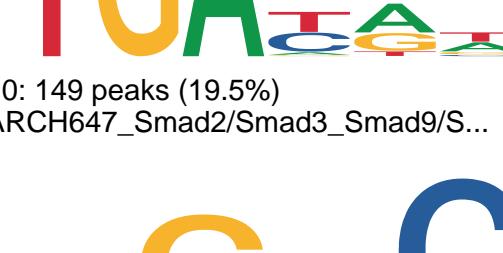
ARCH647\_Smad2/Smad3\_Smad9/S...



6: 192 peaks (25.2%)

ARCH1627\_Xbp1

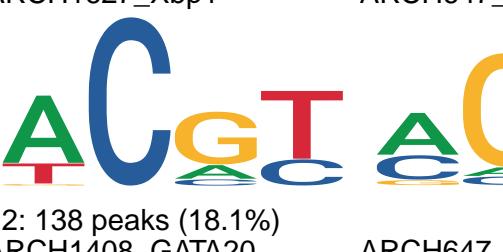
ARCH438\_Spdef



7: 188 peaks (24.6%)

ARCH1627\_Xbp1

ARCH647\_Smad2/Smad3\_Smad9/S...



8: 168 peaks (22.0%)

ARCH647\_Smad2/Smad3\_Smad9/S...

ARCH438\_Spdef



9: 151 peaks (19.8%)

Homeodomains.HG1.54:like:NOTO |  
VAx-EMX-Like (ARCH1552\_Pbx4/Pbx2/Pbx1)

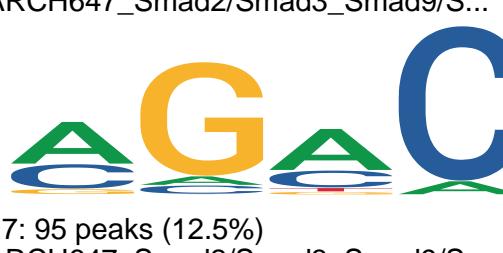
ARCH438\_Spdef



10: 149 peaks (19.5%)

ARCH647\_Smad2/Smad3\_Smad9/S...

Homeodomains.HG1.54:like:NOTO |  
VAx-EMX-Like (ARCH1552\_Pbx4/Pbx2/Pbx1)

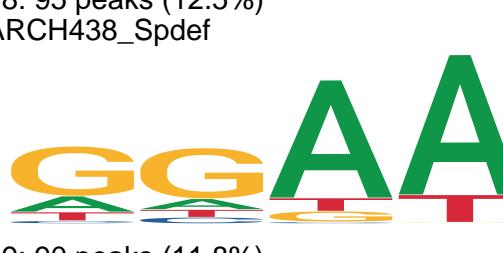


11: 144 peaks (18.9%)

ARCH1627\_Xbp1

ARCH647\_Smad2/Smad3\_Smad9/S...

ARCH438\_Spdef

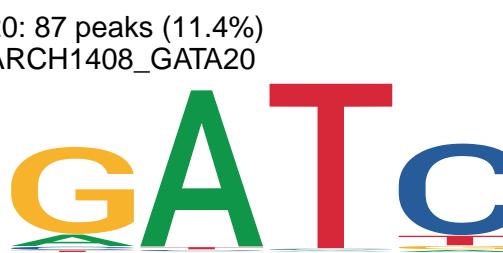


12: 138 peaks (18.1%)

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

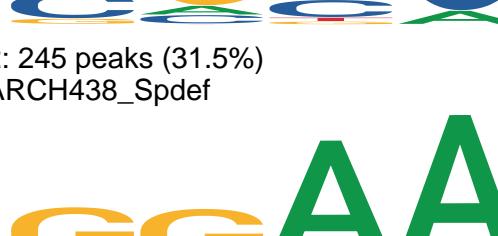


# digestive\_filaments\_1

1: 388 peaks (49.9%)

ARCH647\_Smad2/Smad3\_Smad9/S...

ARCH438\_Spdef



2: 245 peaks (31.5%)

ARCH438\_Spdef

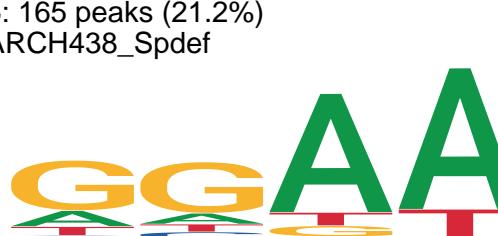
ARCH483\_Tbx3/Tbx2



3: 236 peaks (30.3%)

ARCH647\_Smad2/Smad3\_Smad9/S...

ARCH483\_Tbx3/Tbx2

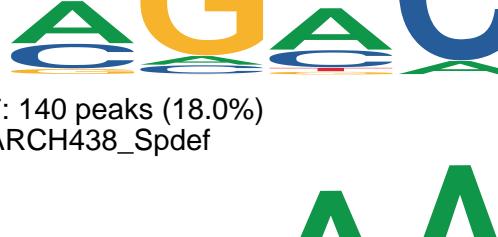


4: 168 peaks (21.6%)

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

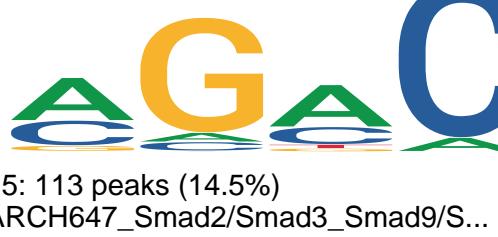
Homeodomains.HG1.54:like:NOTO |  
VAX-EMX-Like (ARCH1552\_Pbx4/Pbx2/Pbx1)



9: 139 peaks (17.9%)

ARCH647\_Smad2/Smad3\_Smad9/S...

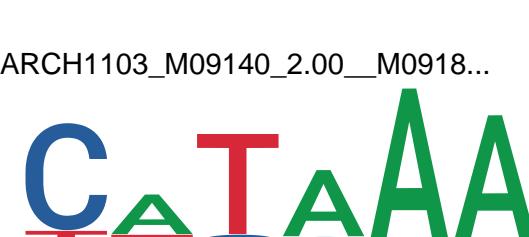
Homeodomains.HG1.54:like:NOTO |  
VAX-EMX-Like (ARCH1552\_Pbx4/Pbx2/Pbx1)



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...

ARCH1408\_GATA20



20: 100 peaks (12.9%)

ARCH647\_Smad2/Smad3\_Smad9/S...

ARCH1138\_Sox4/Sox11\_Sox13...



# digestive\_filaments\_2

1: 295 peaks (44.6%)

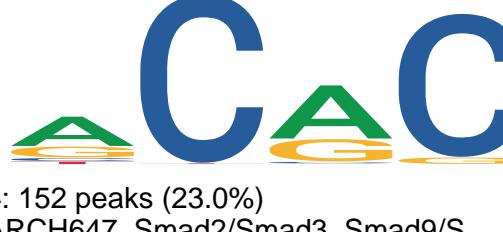
ARCH438\_Spdef

ARCH647\_Smad2/Smad3\_Smad9/S...



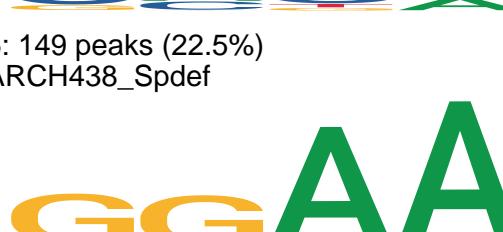
2: 218 peaks (33.0%)

ARCH483\_Tbx3/Tbx2



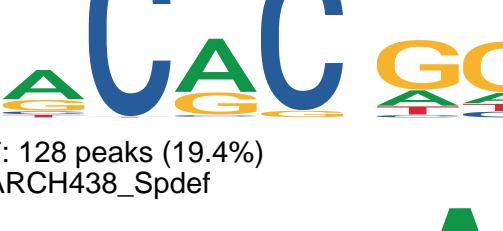
3: 213 peaks (32.2%)

ARCH483\_Tbx3/Tbx2



4: 152 peaks (23.0%)

ARCH647\_Smad2/Smad3\_Smad9/S...



5: 149 peaks (22.5%)

ARCH438\_Spdef



6: 141 peaks (21.3%)

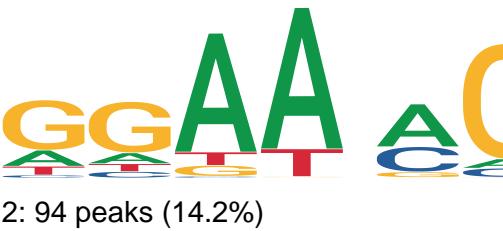
ARCH483\_Tbx3/Tbx2



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

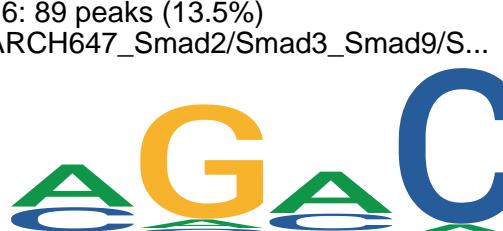
ARCH1627\_Xbp1



10: 102 peaks (15.4%)

ARCH438\_Spdef

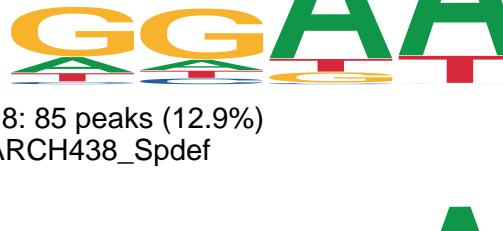
Foxn4/Foxn1 (ARCH954\_Foxn4/Foxn1)



11: 100 peaks (15.1%)

ARCH438\_Spdef

ARCH647\_Smad2/Smad3\_Smad9/S...



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/Pbx1)



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)

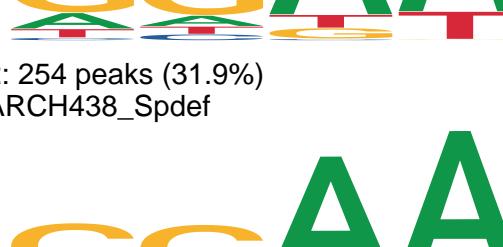


# digestive\_filaments\_3

1: 391 peaks (49.1%)

ARCH438\_Spdef

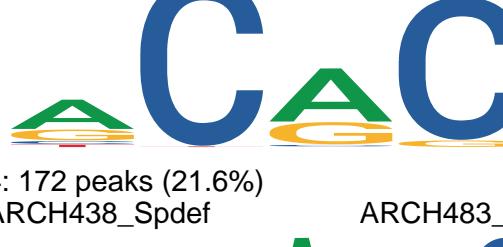
ARCH647\_Smad2/Smad3\_Smad9/S...



2: 254 peaks (31.9%)

ARCH438\_Spdef

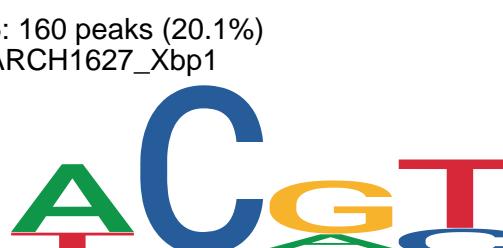
ARCH483\_Tbx3/Tbx2



3: 249 peaks (31.2%)

ARCH483\_Tbx3/Tbx2

ARCH647\_Smad2/Smad3\_Smad9/S...

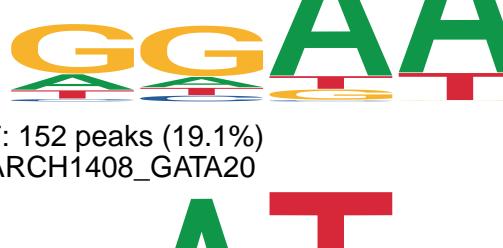


4: 172 peaks (21.6%)

ARCH438\_Spdef

ARCH483\_Tbx3/Tbx2

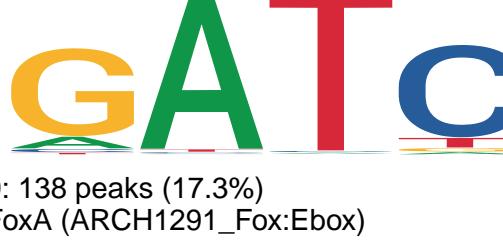
ARCH647\_Smad2/Smad3\_S...



5: 160 peaks (20.1%)

ARCH1627\_Xbp1

ARCH647\_Smad2/Smad3\_Smad9/S...



6: 155 peaks (19.4%)

ARCH438\_Spdef

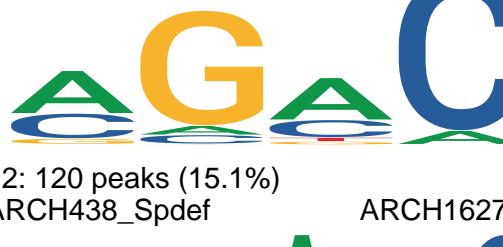
ARCH1627\_Xbp1



7: 152 peaks (19.1%)

ARCH1408\_GATA20

ARCH438\_Spdef



8: 152 peaks (19.1%)

ARCH1408\_GATA20

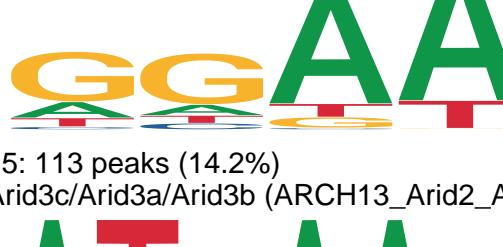
ARCH647\_Smad2/Smad3\_Smad9/S...



9: 138 peaks (17.3%)

FoxA (ARCH1291\_Fox:Ebox)

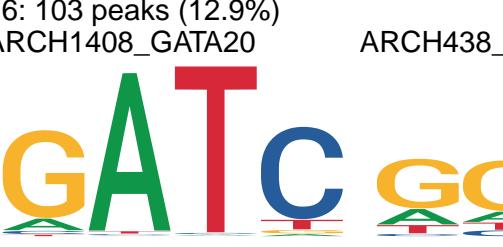
ARCH647\_Smad2/Smad3\_Smad9/S...



10: 128 peaks (16.1%)

ARCH438\_Spdef

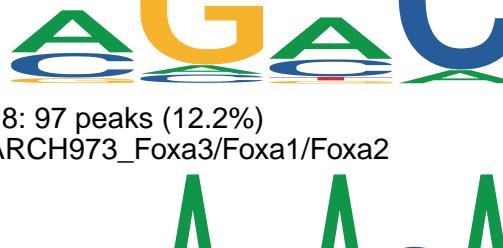
FoxA (ARCH1291\_Fox:Ebox)



11: 120 peaks (15.1%)

ARCH647\_Smad2/Smad3\_Smad9/S...

Homeodomains.HG1.54:like:NOTO | VAX-EMX-Like (ARCH1552\_Pbx4/Pbx2/Pbx1)

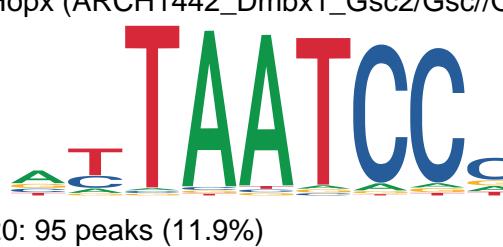


12: 120 peaks (15.1%)

ARCH438\_Spdef

ARCH1627\_Xbp1

ARCH647\_Smad2/Smad3\_S...



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/Pbx1)



15: 113 peaks (14.2%)

Arid3c/Arid3a/Arid3b (ARCH13\_Arid2\_Arid3)

ARCH647\_Smad2/Smad3\_Smad9/S...



16: 103 peaks (12.9%)

ARCH1408\_GATA20

ARCH438\_Spdef

ARCH647\_Smad2/Smad3\_S...



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%)

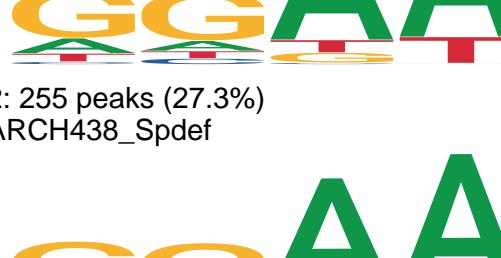
ARCH1408\_GATA20

ARCH483\_Tbx3/Tbx2



# epidermis\_1

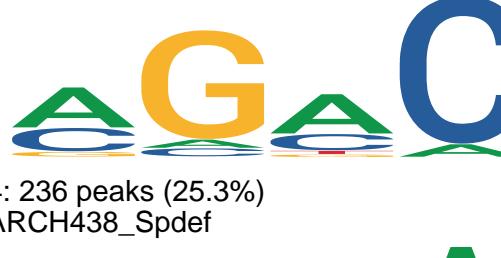
1: 407 peaks (43.6%)  
ARCH438\_Spdef



ARCH647\_Smad2/Smad3\_Smad9/S...



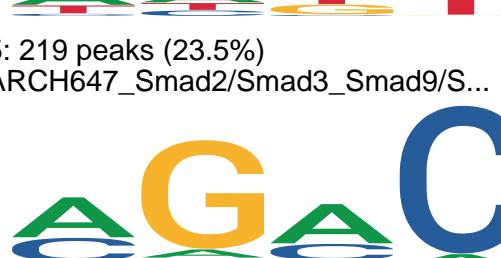
2: 255 peaks (27.3%)  
ARCH438\_Spdef



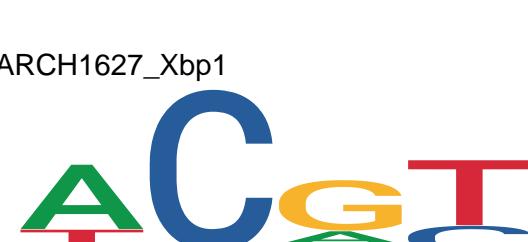
ARCH483\_Tbx3/Tbx2



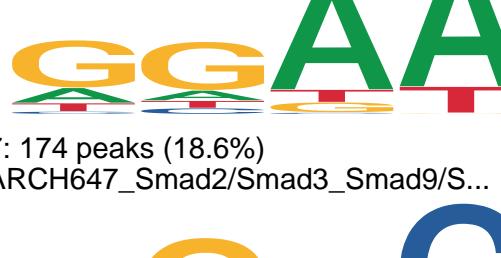
3: 247 peaks (26.5%)  
ARCH647\_Smad2/Smad3\_Smad9/S...



ARCH483\_Tbx3/Tbx2



4: 236 peaks (25.3%)  
ARCH438\_Spdef



ARCH1627\_Xbp1



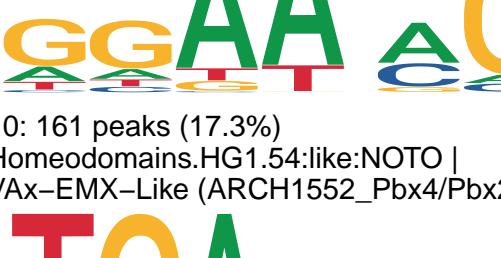
5: 219 peaks (23.5%)  
ARCH647\_Smad2/Smad3\_Smad9/S...



ARCH1627\_Xbp1



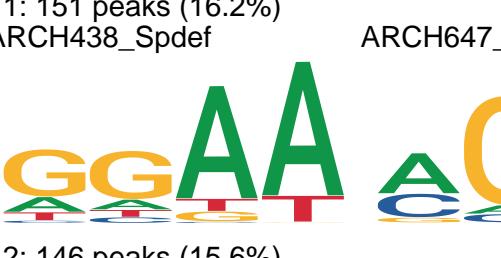
6: 185 peaks (19.8%)  
ARCH438\_Spdef



ARCH1408\_GATA20



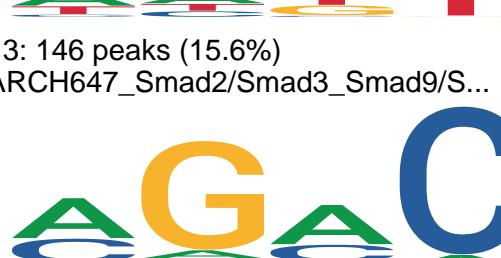
7: 174 peaks (18.6%)  
ARCH647\_Smad2/Smad3\_Smad9/S...



ARCH1408\_GATA20



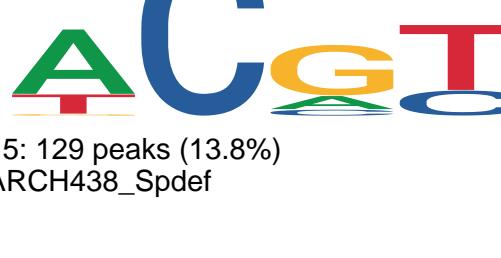
8: 173 peaks (18.5%)  
Homeodomains.HG1.54:like:NOTO |  
VAx-EMX-Like (ARCH1552\_Pbx4/Pbx2/Pbx1)



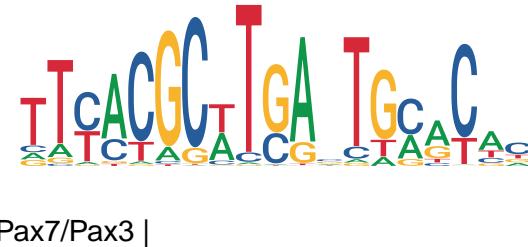
ARCH438\_Spdef



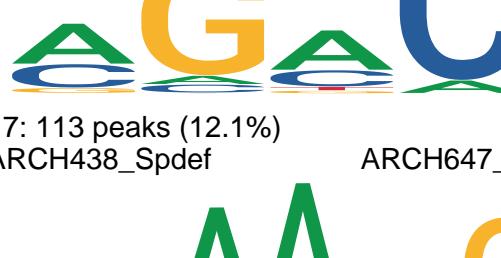
9: 168 peaks (18.0%)  
ARCH438\_Spdef



ARCH647\_Smad2/Smad3\_Smad9/S... ARCH483\_Tbx3/Tbx2



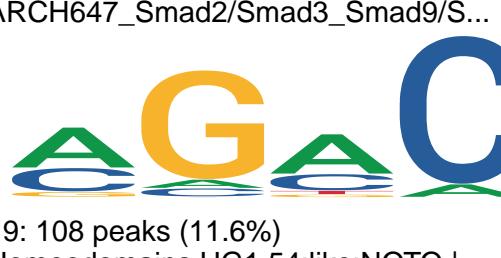
10: 161 peaks (17.3%)  
Homeodomains.HG1.54:like:NOTO |  
VAx-EMX-Like (ARCH1552\_Pbx4/Pbx2/Pbx1)



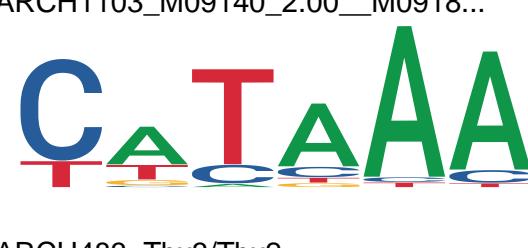
ARCH647\_Smad2/Smad3\_Smad9/S...



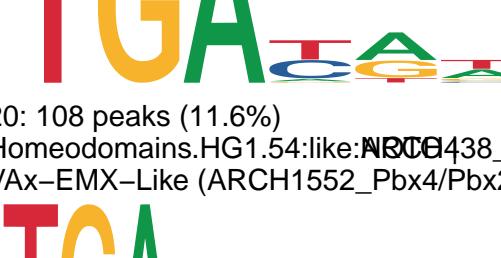
11: 151 peaks (16.2%)  
ARCH438\_Spdef



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/Pax2)



16: 121 peaks (13.0%)  
ARCH647\_Smad2/Smad3\_Smad9/S...



Pax7/Pax3 |  
PAX3/7 |  
Pax5/Pax8/Pax2 (ARCH873\_Pax5/Pax8/Pax2)



17: 113 peaks (12.1%)  
ARCH438\_Spdef



ARCH647\_Smad2/Smad3\_Smad9/S... ARCH408\_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)



ARCH647\_Smad2/Smad3\_S...

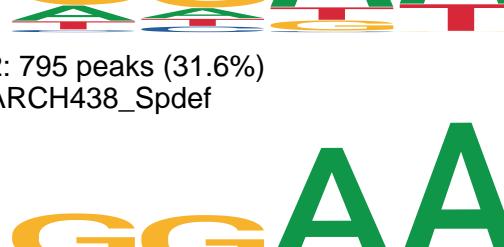


# epidermis\_2

1: 1272 peaks (50.5%)

ARCH438\_Spdef

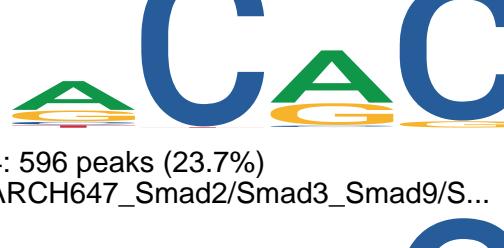
ARCH647\_Smad2/Smad3\_Smad9/S...



2: 795 peaks (31.6%)

ARCH438\_Spdef

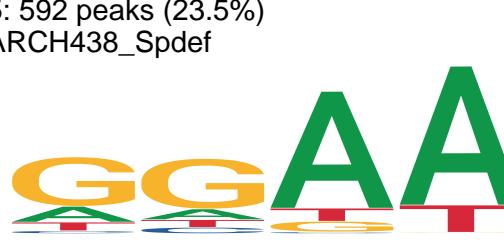
ARCH483\_Tbx3/Tbx2



3: 761 peaks (30.2%)

ARCH483\_Tbx3/Tbx2

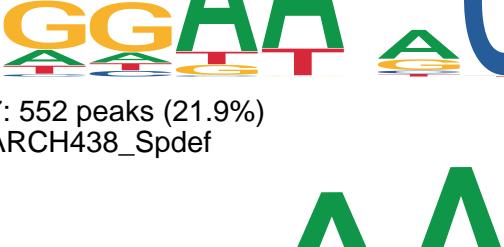
ARCH647\_Smad2/Smad3\_Smad9/S...



4: 596 peaks (23.7%)

ARCH647\_Smad2/Smad3\_Smad9/S...

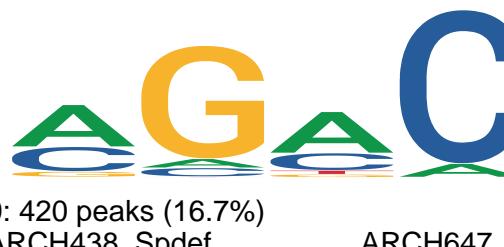
ARCH1408\_GATA20



5: 592 peaks (23.5%)

ARCH438\_Spdef

ARCH1408\_GATA20



6: 561 peaks (22.3%)

ARCH438\_Spdef

ARCH483\_Tbx3/Tbx2

ARCH647\_Smad2/Smad3\_S...



7: 552 peaks (21.9%)

ARCH438\_Spdef

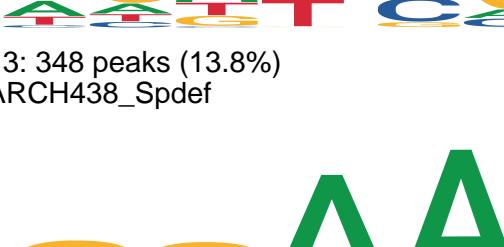
ARCH1627\_Xbp1



8: 538 peaks (21.4%)

ARCH647\_Smad2/Smad3\_Smad9/S...

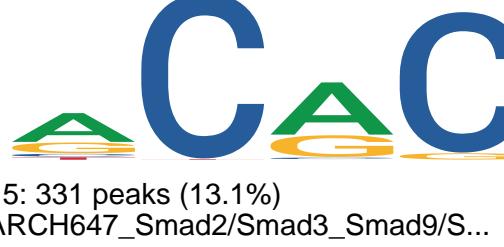
ARCH1627\_Xbp1



9: 420 peaks (16.7%)

ARCH438\_Spdef

ARCH647\_Smad2/Smad3\_S... ARCH1408\_GATA20



10: 395 peaks (15.7%)

ARCH438\_Spdef

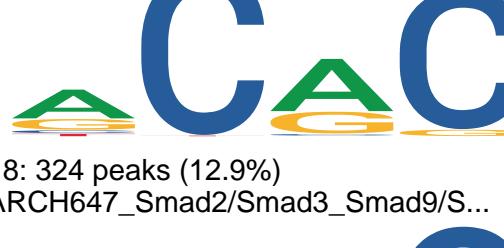
Homeodomains.HG1.54:like:NOTO |  
VAX-EMX-Like (ARCH1552\_Pbx4/Pbx2/Pbx1)



11: 386 peaks (15.3%)

ARCH647\_Smad2/Smad3\_Smad9/S...

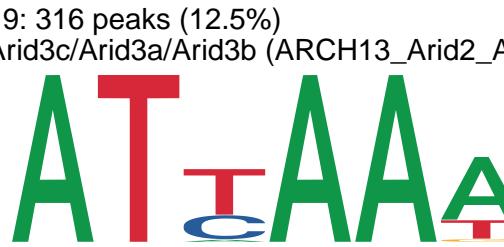
ARCH647\_Smad2/Smad3\_S... ARCH1627\_Xbp1



12: 381 peaks (15.1%)

ARCH438\_Spdef

ARCH647\_Smad2/Smad3\_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... ARCH1627\_Xbp1



17: 324 peaks (12.9%)

ARCH483\_Tbx3/Tbx2

ARCH1627\_Xbp1



18: 324 peaks (12.9%)

ARCH647\_Smad2/Smad3\_Smad9/S...

ARCH1138\_Sox4/Sox11\_Sox13... ARCH1627\_Xbp1



19: 316 peaks (12.5%)

Arid3c/Arid3a/Arid3b (ARCH13\_Arid2\_Arid3c)

ARCH1627\_Xbp1



20: 316 peaks (12.5%)

ARCH647\_Smad2/Smad3\_Smad9/S...

ARCH1103\_M09140\_2.00\_M0918... ARCH1627\_Xbp1

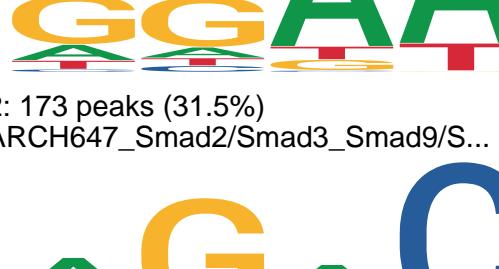




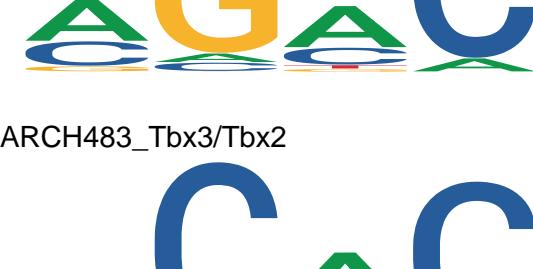


# precursors\_NPC

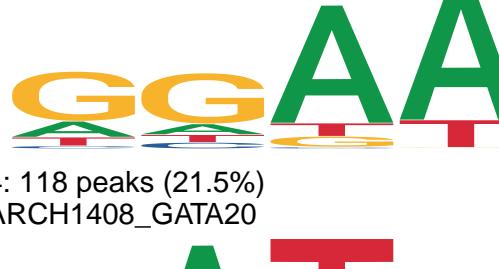
1: 252 peaks (45.8%)  
ARCH438\_Spdef



ARCH647\_Smad2/Smad3\_Smad9/S...



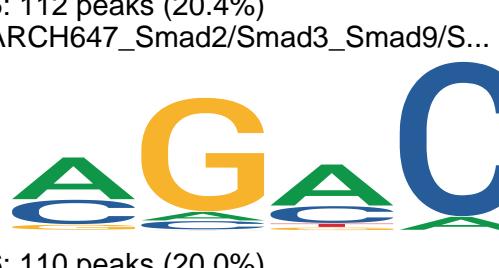
2: 173 peaks (31.5%)  
ARCH647\_Smad2/Smad3\_Smad9/S...



ARCH483\_Tbx3/Tbx2



3: 159 peaks (28.9%)  
ARCH438\_Spdef



ARCH483\_Tbx3/Tbx2



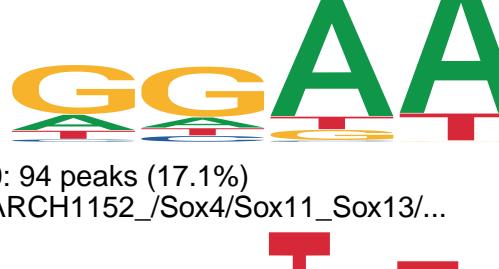
4: 118 peaks (21.5%)  
ARCH1408\_GATA20



ARCH647\_Smad2/Smad3\_Smad9/S...



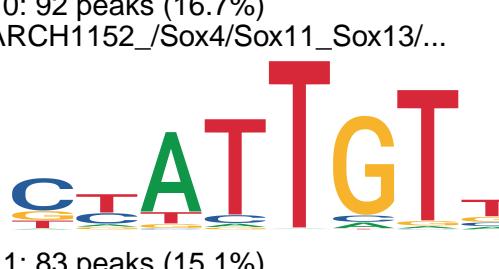
5: 112 peaks (20.4%)  
ARCH647\_Smad2/Smad3\_Smad9/S...



ARCH1627\_Xbp1



6: 110 peaks (20.0%)  
ARCH438\_Spdef

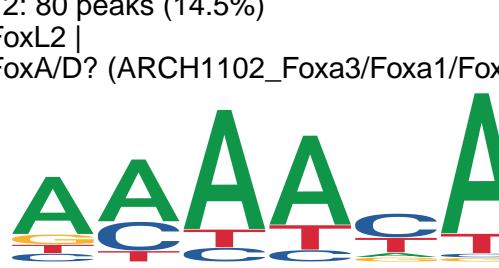


ARCH647\_Smad2/Smad3\_Smad9/S... ARCH483\_Tbx3/Tbx2



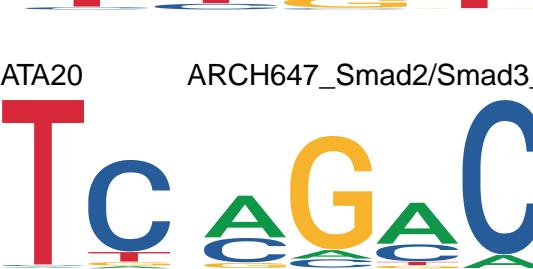
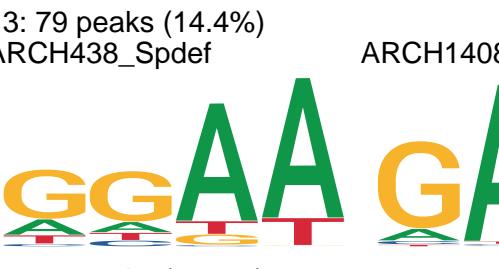
7: 105 peaks (19.1%)  
ARCH438\_Spdef

ARCH1408\_GATA20



8: 100 peaks (18.2%)  
ARCH438\_Spdef

ARCH1627\_Xbp1



9: 94 peaks (17.1%)  
ARCH1152\_Sox4/Sox11\_Sox13/...

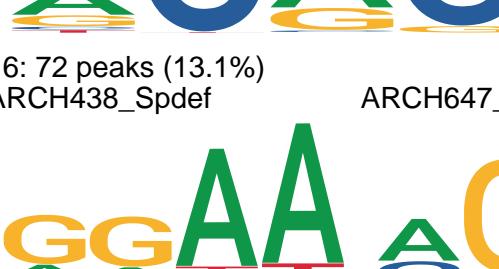
ARCH438\_Spdef



ARCH647\_Smad2/Smad3\_Smad9/S...



10: 92 peaks (16.7%)  
ARCH1152\_Sox4/Sox11\_Sox13/...

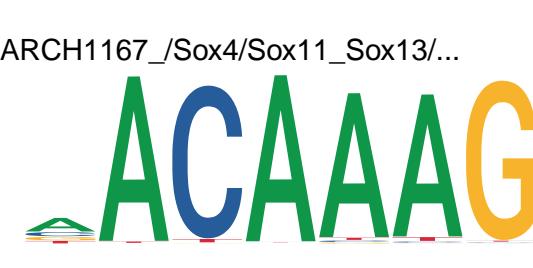
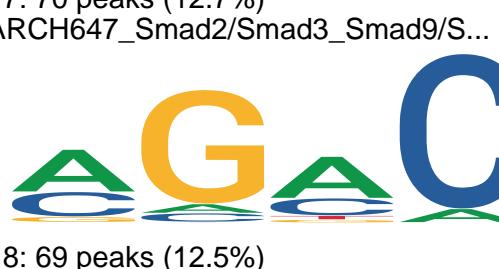


ARCH647\_Smad2/Smad3\_Smad9/S...



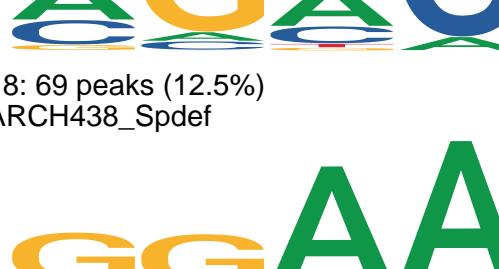
11: 83 peaks (15.1%)  
FoxL2 |  
FoxA/D? (ARCH1102\_Foxa3/Foxa1/Foxa2\_...)

ARCH647\_Smad2/Smad3\_Smad9/S...



12: 80 peaks (14.5%)  
FoxL2 |  
FoxA/D? (ARCH1102\_Foxa3/Foxa1/Foxa2\_...)

ARCH438\_Spdef



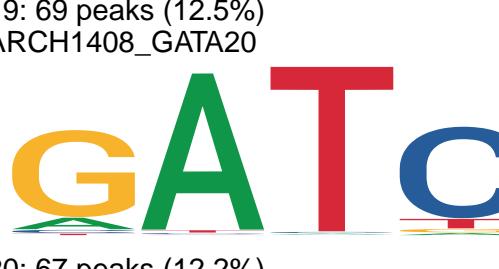
ARCH647\_Smad2/Smad3\_Smad9/S...



13: 79 peaks (14.4%)  
ARCH438\_Spdef

ARCH1408\_GATA20

ARCH647\_Smad2/Smad3\_Smad9/S...



Homeodomains.HG1.54:like:NOTO |

VAX-EMX-Like (ARCH1552\_Pbx4/Pbx2/Pbx1)



14: 72 peaks (13.1%)  
ARCH647\_Smad2/Smad3\_Smad9/S...



ARCH1627\_Xbp1



15: 72 peaks (13.1%)  
ARCH483\_Tbx3/Tbx2



ARCH1627\_Xbp1



16: 72 peaks (13.1%)  
ARCH438\_Spdef

ARCH647\_Smad2/Smad3\_Smad9/S...

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



ARCH1167\_Sox4/Sox11\_Sox13/...



20: 67 peaks (12.2%)  
ARCH647\_Smad2/Smad3\_Smad9/S...



ARCH1138\_Sox4/Sox11\_Sox13/...

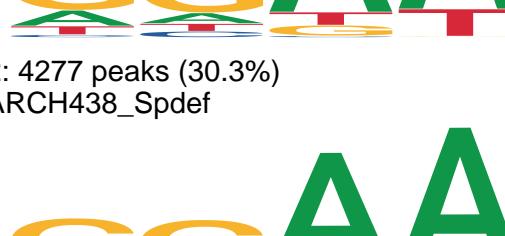


# NPC\_1

1: 7338 peaks (51.9%)

ARCH438\_Spdef

ARCH647\_Smad2/Smad3\_Smad9/S...



2: 4277 peaks (30.3%)

ARCH438\_Spdef

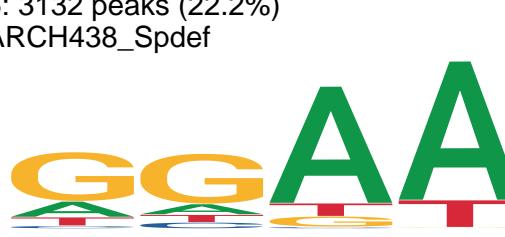
ARCH483\_Tbx3/Tbx2



3: 3727 peaks (26.4%)

ARCH483\_Tbx3/Tbx2

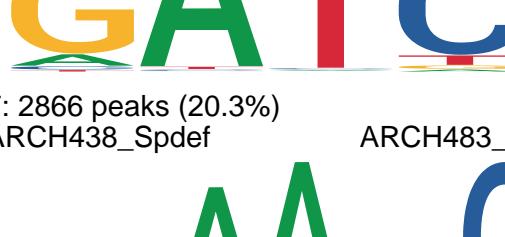
ARCH647\_Smad2/Smad3\_Smad9/S...



4: 3445 peaks (24.4%)

ARCH1408\_GATA20

ARCH438\_Spdef



5: 3132 peaks (22.2%)

ARCH438\_Spdef

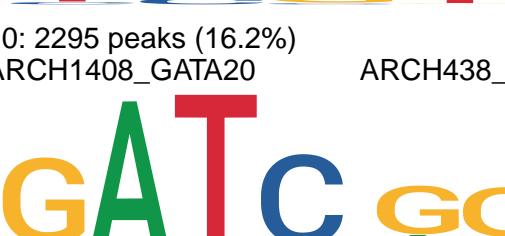
ARCH1627\_Xbp1



6: 2971 peaks (21.0%)

ARCH1408\_GATA20

ARCH647\_Smad2/Smad3\_Smad9/S...

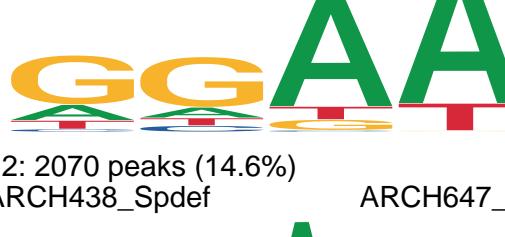


7: 2866 peaks (20.3%)

ARCH438\_Spdef

ARCH483\_Tbx3/Tbx2

ARCH647\_Smad2/Smad3\_Smad9/S...



8: 2700 peaks (19.1%)

ARCH647\_Smad2/Smad3\_Smad9/S...

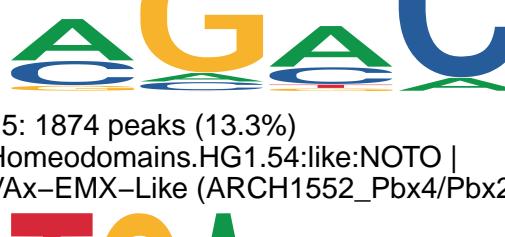
ARCH1627\_Xbp1



9: 2300 peaks (16.3%)

ARCH438\_Spdef

ARCH419\_Yy1



10: 2295 peaks (16.2%)

ARCH1408\_GATA20

ARCH438\_Spdef

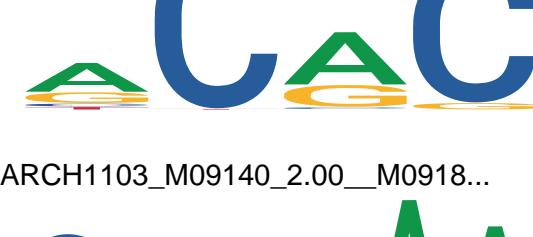
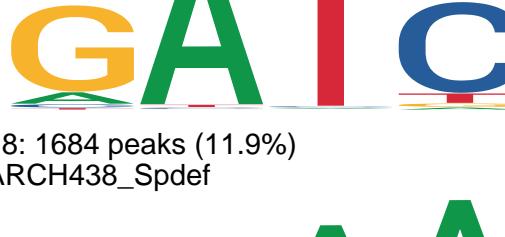
ARCH647\_Smad2/Smad3\_Smad9/S...



11: 2113 peaks (14.9%)

ARCH438\_Spdef

Homeodomains.HG1.54:like:NOTO |  
VAx-EMX-Like (ARCH1552\_Pbx4/Pbx2/Pbx1)



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

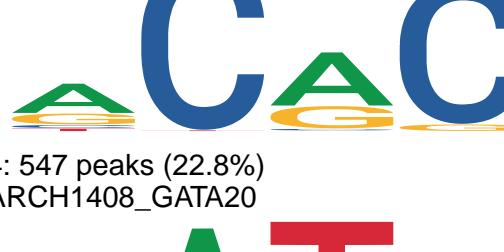
ARCH647\_Smad2/Smad3\_Smad9/S...



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

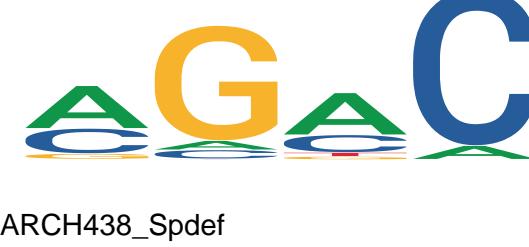
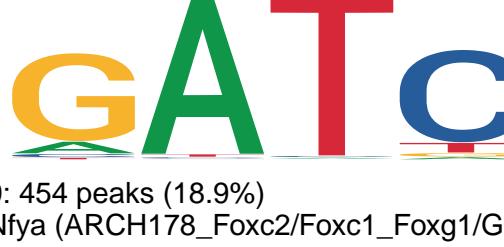
ARCH438\_Spdef



5: 522 peaks (21.8%)

ARCH438\_Spdef

ARCH1627\_Xbp1

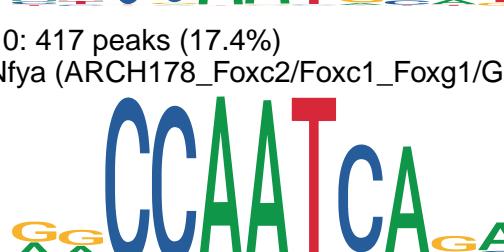


6: 495 peaks (20.6%)

ARCH438\_Spdef

ARCH483\_Tbx3/Tbx2

ARCH647\_Smad2/Smad3\_S...



7: 482 peaks (20.1%)

ARCH647\_Smad2/Smad3\_Smad9/S...

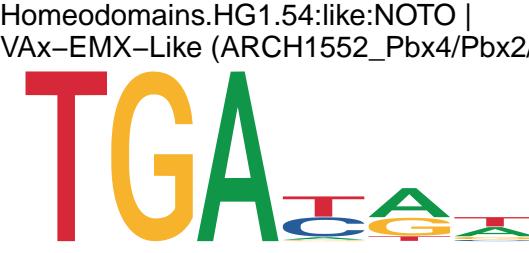
ARCH1627\_Xbp1



8: 481 peaks (20.0%)

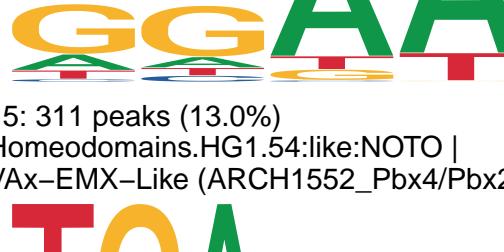
ARCH1408\_GATA20

ARCH647\_Smad2/Smad3\_Smad9/S...



9: 454 peaks (18.9%)

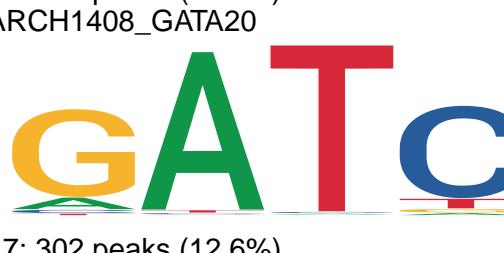
Nfyα (ARCH178\_Foxc2/Foxc1\_Foxg1/G...) ARCH438\_Spdef



10: 417 peaks (17.4%)

Nfyα (ARCH178\_Foxc2/Foxc1\_Foxg1/G...) ARCH438\_Spdef

ARCH647\_Smad2/Smad3\_S...

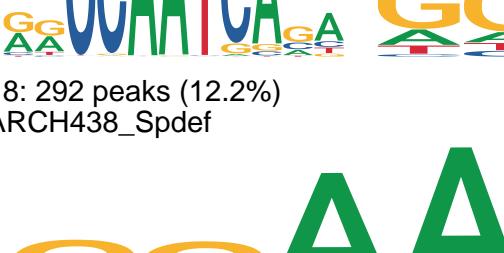


11: 360 peaks (15.0%)

ARCH1408\_GATA20

ARCH438\_Spdef

ARCH647\_Smad2/Smad3\_S...



12: 357 peaks (14.9%)

ARCH438\_Spdef

ARCH647\_Smad2/Smad3\_S...

ARCH1627\_Xbp1



13: 342 peaks (14.2%)

ARCH438\_Spdef

Homeodomains.HG1.54:like:NOTO | VAX-EMX-Like (ARCH1552\_Pbx4/Pbx2/Pbx1)



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)



16: 305 peaks (12.7%)

ARCH1408\_GATA20

ARCH483\_Tbx3/Tbx2



17: 302 peaks (12.6%)

Nfyα (ARCH178\_Foxc2/Foxc1\_Foxg1/G...) ARCH438\_Spdef

ARCH647\_Smad2/Smad3\_S...



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...

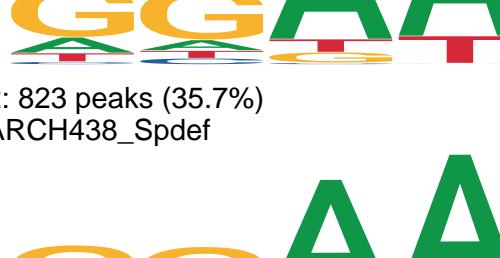
ARCH419\_Yy1



# neuron\_GATA\_Islet\_1

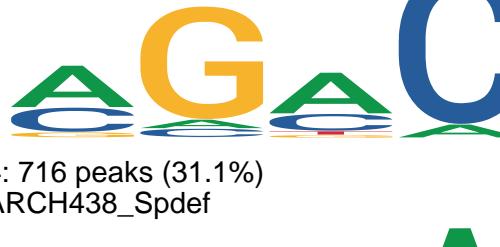
1: 1315 peaks (57.0%)  
ARCH438\_Spdef

ARCH647\_Smad2/Smad3\_Smad9/S...



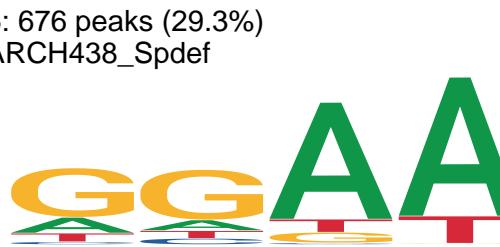
2: 823 peaks (35.7%)  
ARCH438\_Spdef

ARCH1408\_GATA20



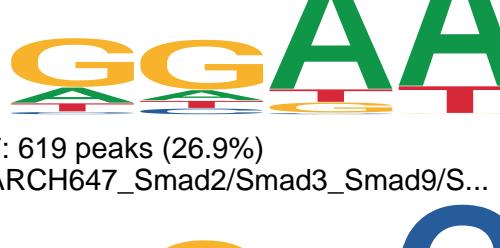
3: 725 peaks (31.5%)  
ARCH647\_Smad2/Smad3\_Smad9/S...

ARCH1408\_GATA20



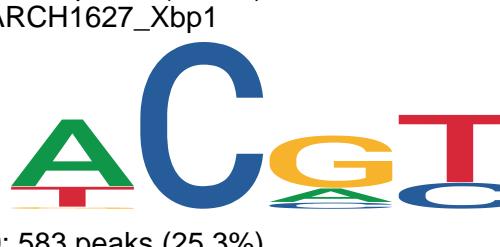
4: 716 peaks (31.1%)  
ARCH438\_Spdef

ARCH483\_Tbx3/Tbx2



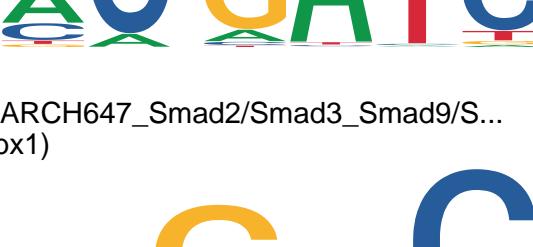
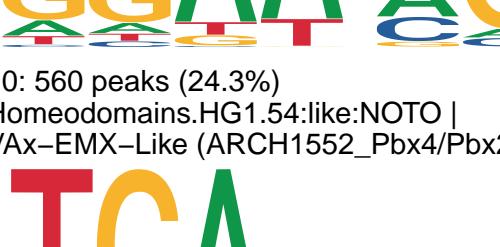
5: 676 peaks (29.3%)  
ARCH438\_Spdef

ARCH1627\_Xbp1



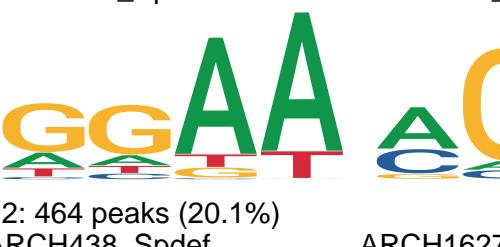
6: 629 peaks (27.3%)  
ARCH438\_Spdef

Homeodomains.HG1.54:like:NOTO |  
VAX-EMX-Like (ARCH1552\_Pbx4/Pbx2/Pbx1)



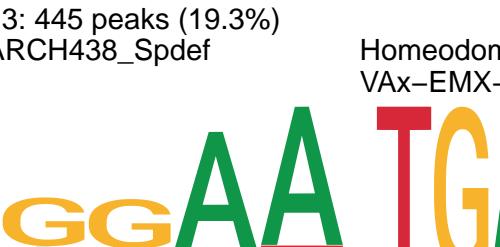
7: 619 peaks (26.9%)  
ARCH647\_Smad2/Smad3\_Smad9/S...

ARCH483\_Tbx3/Tbx2



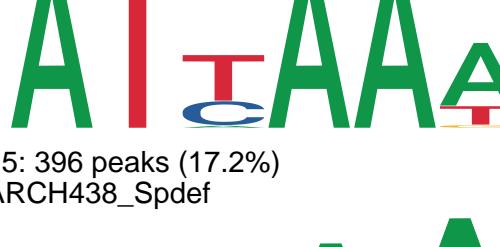
8: 592 peaks (25.7%)  
ARCH1627\_Xbp1

ARCH647\_Smad2/Smad3\_Smad9/S...



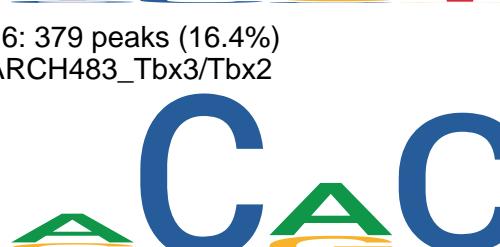
9: 583 peaks (25.3%)  
ARCH438\_Spdef

ARCH647\_Smad2/Smad3\_Smad9/S...  
ARCH1408\_GATA20



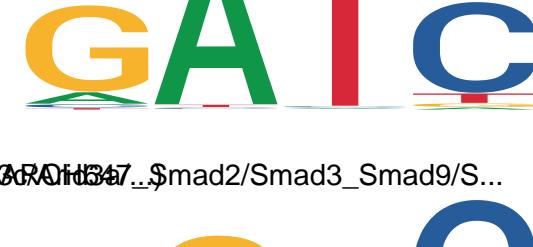
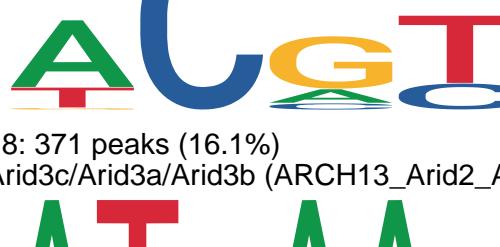
10: 560 peaks (24.3%)  
Homeodomains.HG1.54:like:NOTO |  
VAX-EMX-Like (ARCH1552\_Pbx4/Pbx2/Pbx1)

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\_S...



13: 445 peaks (19.3%)  
ARCH438\_Spdef

Homeodomains.HG1.54:like:NOTO |  
VAX-EMX-Like (ARCH1552\_Pbx4/Pbx2/Pbx1)



14: 415 peaks (18.0%)  
Arid3c/Arid3a/Arid3b (ARCH13\_Arid2\_Arid3c\_Arid3a\_Arid3b\_Spdef)

ARCH1408\_GATA20



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\_Arid3b\_Spdef)

ARCH1408\_GATA20



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)

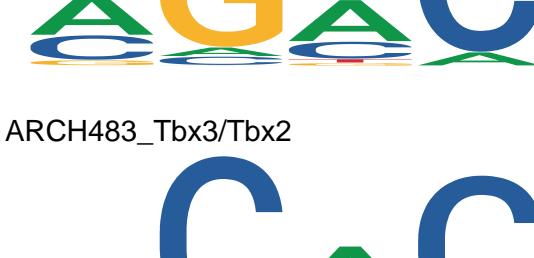
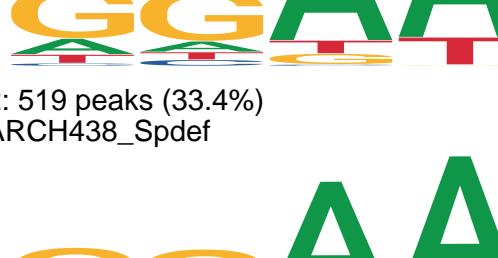
ARCH647\_Smad2/Smad3\_Smad9/S...



# neuron\_GATA\_Islet\_2

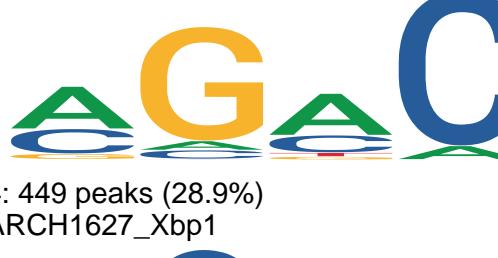
1: 900 peaks (58.0%)  
ARCH438\_Spdef

ARCH647\_Smad2/Smad3\_Smad9/S...



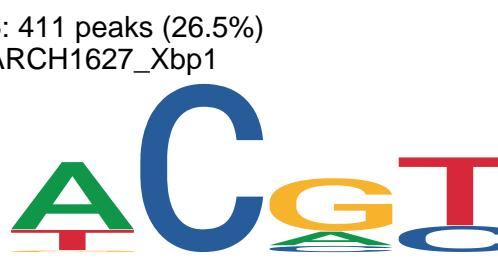
2: 519 peaks (33.4%)  
ARCH438\_Spdef

ARCH483\_Tbx3/Tbx2



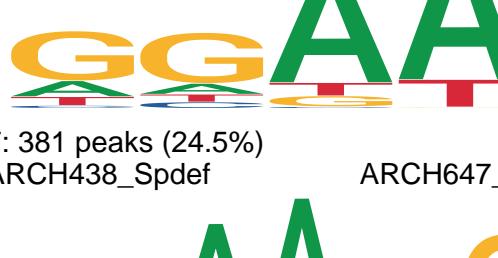
3: 487 peaks (31.4%)  
ARCH647\_Smad2/Smad3\_Smad9/S...

ARCH483\_Tbx3/Tbx2



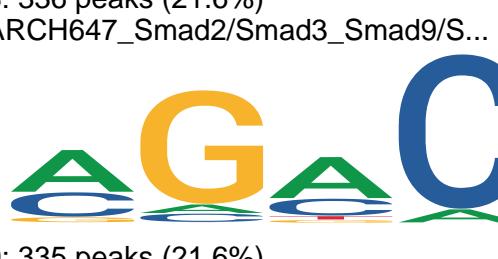
4: 449 peaks (28.9%)  
ARCH1627\_Xbp1

ARCH438\_Spdef



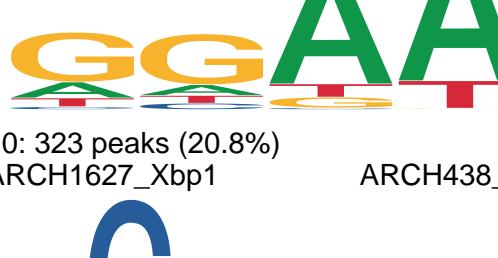
5: 411 peaks (26.5%)  
ARCH1627\_Xbp1

ARCH647\_Smad2/Smad3\_Smad9/S...



6: 383 peaks (24.7%)  
ARCH438\_Spdef

ARCH1408\_GATA20



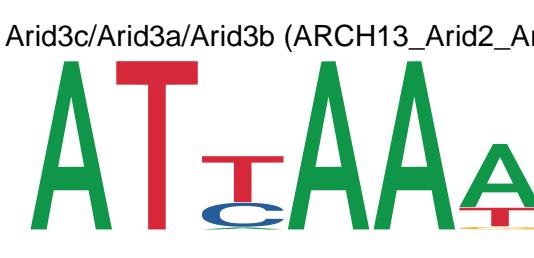
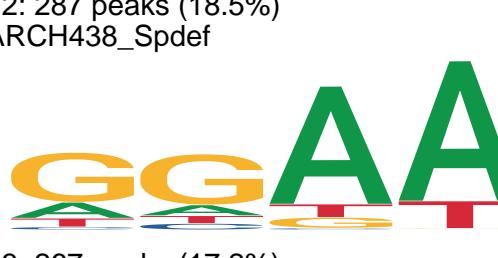
7: 381 peaks (24.5%)  
ARCH438\_Spdef

ARCH647\_Smad2/Smad3\_Smad9/S...



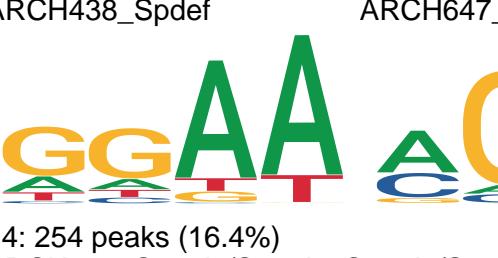
8: 336 peaks (21.6%)  
ARCH647\_Smad2/Smad3\_Smad9/S...

ARCH1408\_GATA20



9: 335 peaks (21.6%)  
ARCH438\_Spdef

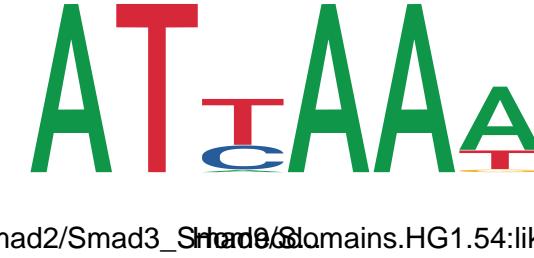
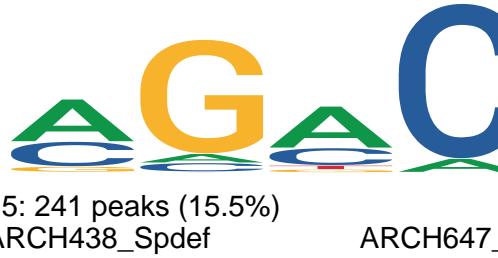
Homeodomains.HG1.54:like:NOTO | VAx-EMX-Like (ARCH1552\_Pbx4/Pbx2/Pbx1)



10: 323 peaks (20.8%)  
ARCH1627\_Xbp1

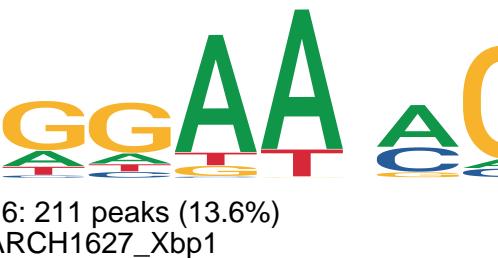
ARCH438\_Spdef

ARCH647\_Smad2/Smad3\_Smad9/S...



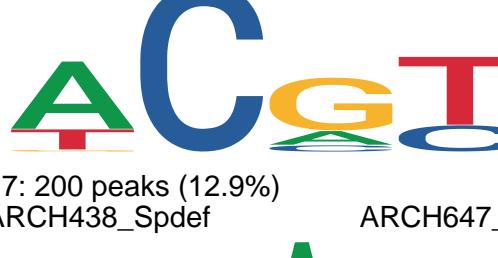
11: 308 peaks (19.8%)  
ARCH647\_Smad2/Smad3\_Smad9/S...

Homeodomains.HG1.54:like:NOTO | VAx-EMX-Like (ARCH1552\_Pbx4/Pbx2/Pbx1)



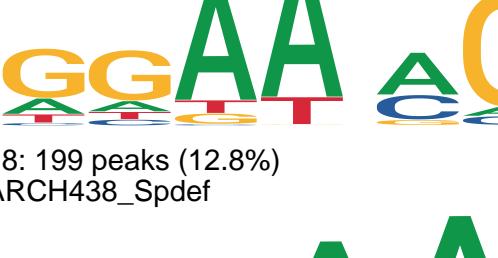
12: 287 peaks (18.5%)  
ARCH438\_Spdef

Arid3c/Arid3a/Arid3b (ARCH13\_Arid2\_Arid3)



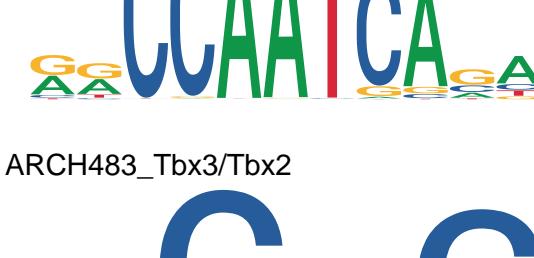
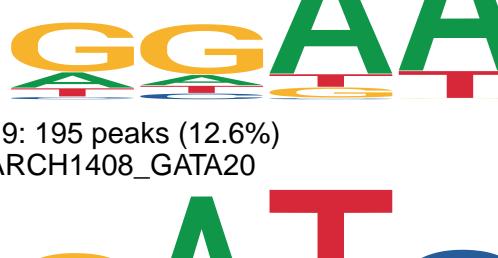
13: 267 peaks (17.2%)  
ARCH438\_Spdef

ARCH647\_Smad2/Smad3\_Smad9/S...



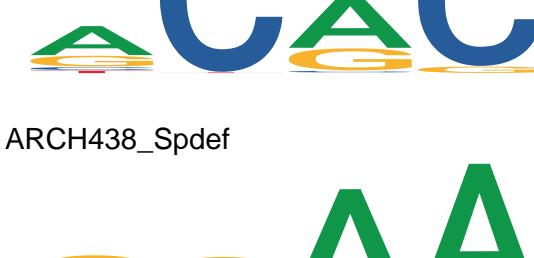
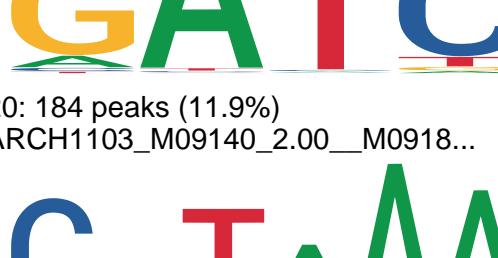
14: 254 peaks (16.4%)  
ARCH647\_Smad2/Smad3\_Smad9/S...

Arid3c/Arid3a/Arid3b (ARCH13\_Arid2\_Arid3)



15: 241 peaks (15.5%)  
ARCH438\_Spdef

Homeodomains.HG1.54:like:NOTO | VAx-EMX-Like (ARCH1552\_Pbx4/Pbx2/Pbx1)



16: 211 peaks (13.6%)  
ARCH1627\_Xbp1

ARCH483\_Tbx3/Tbx2



17: 200 peaks (12.9%)  
ARCH438\_Spdef

ARCH647\_Smad2/Smad3\_Smad9/S...



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

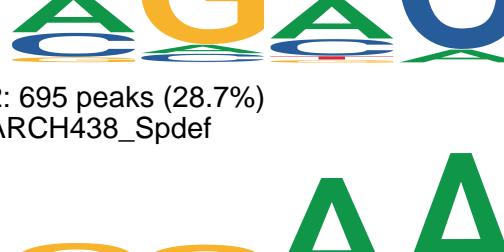


# neuron\_Pou4\_FoxL2\_1

1: 1258 peaks (52.0%)

ARCH647\_Smad2/Smad3\_Smad9/S...

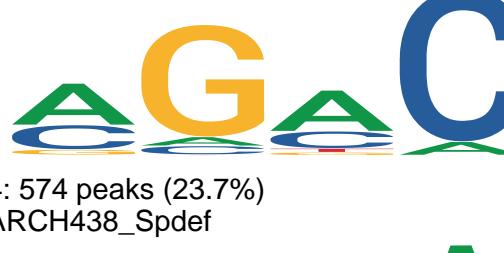
ARCH438\_Spdef



2: 695 peaks (28.7%)

ARCH438\_Spdef

ARCH483\_Tbx3/Tbx2



3: 646 peaks (26.7%)

ARCH647\_Smad2/Smad3\_Smad9/S...

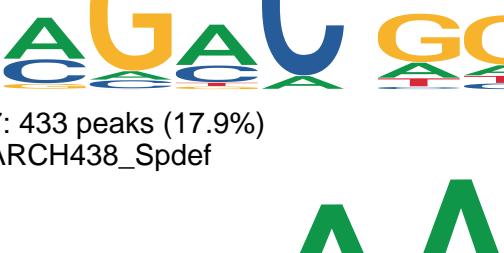
ARCH483\_Tbx3/Tbx2



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...

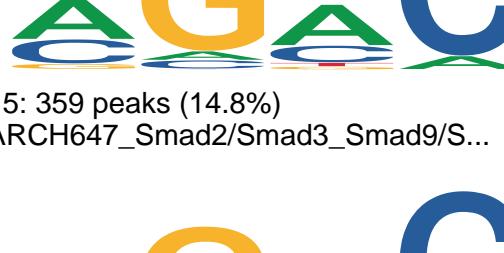
ARCH1627\_Xbp1



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

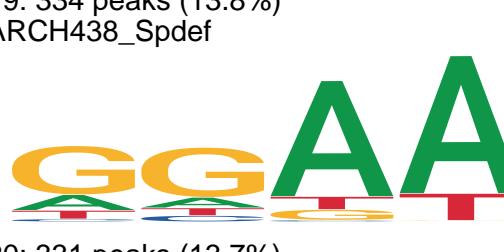
Arid3c/Arid3a/Arid3b (ARCH13\_Arid2\_Arid3)



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/Pbx1)



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/Pbx1)



16: 348 peaks (14.4%)

ARCH438\_Spdef

FoxL2 | FoxA/D? (ARCH1102\_Foxa3/Foxa1/Foxa2\_1)



17: 341 peaks (14.1%)

ARCH438\_Spdef

zf-C2H2.HG1.35:FEZF1/FEZF2/GFI | Egr3/Egr1 | Insm1 (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...

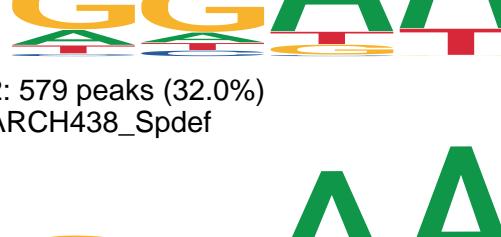
Arid3c/Arid3a/Arid3b (ARCH13\_Arid2\_Arid3)



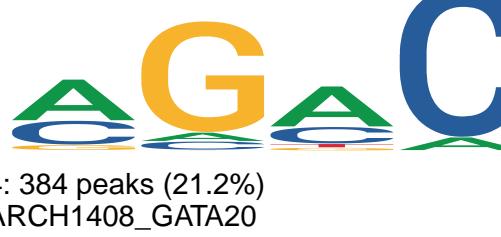
# neuron\_Pou4\_FoxL2\_2

1: 807 peaks (44.6%)  
ARCH438\_Spdef

ARCH647\_Smad2/Smad3\_Smad9/S...

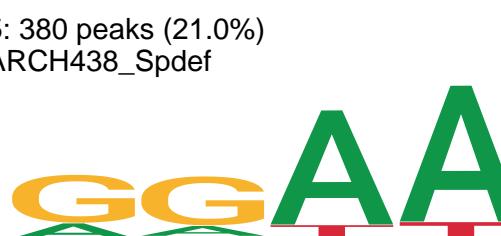


2: 579 peaks (32.0%)  
ARCH438\_Spdef



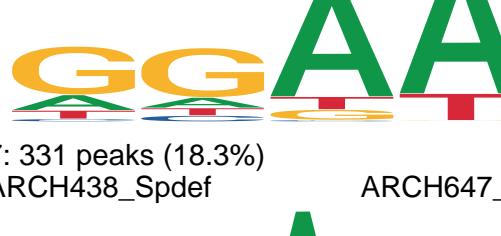
3: 442 peaks (24.4%)

ARCH647\_Smad2/Smad3\_Smad9/S...



4: 384 peaks (21.2%)

ARCH1408\_GATA20

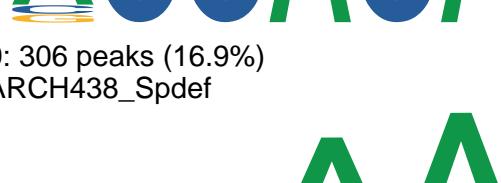


5: 380 peaks (21.0%)

ARCH438\_Spdef



ARCH1627\_Xbp1



6: 338 peaks (18.7%)

ARCH438\_Spdef

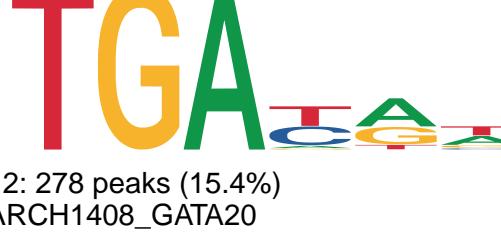
FoxL2 |  
FoxA/D? (ARCH1102\_Foxa3/Foxa1/Foxa2...)



7: 331 peaks (18.3%)

ARCH438\_Spdef

ARCH647\_Smad2/Smad3\_Smad9/S...  
ARCH483\_Tbx3/Tbx2



8: 327 peaks (18.1%)

ARCH1420\_RUNX2

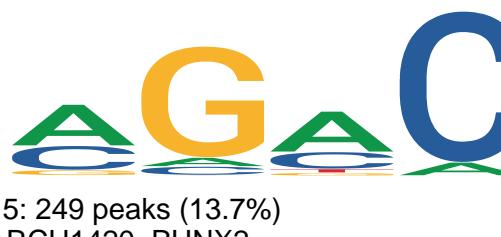
ARCH438\_Spdef



9: 306 peaks (16.9%)

ARCH438\_Spdef

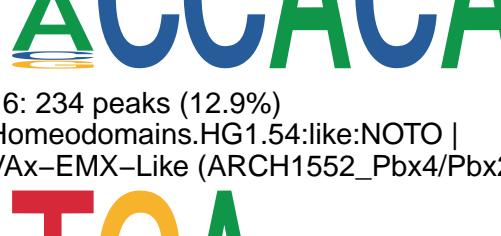
Pou4 (ARCH56\_POU4F1)



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

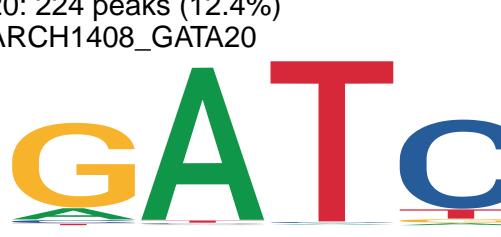
Arid3c/Arid3a/Arid3b (ARCH13\_Arid2\_Arid3)



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



21: 223 peaks (12.3%)

ARCH438\_Spdef

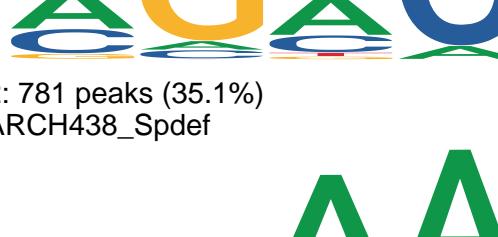
CAC

# neuron\_Pou4\_FoxL2\_3

1: 1215 peaks (54.6%)

ARCH647\_Smad2/Smad3\_Smad9/S...

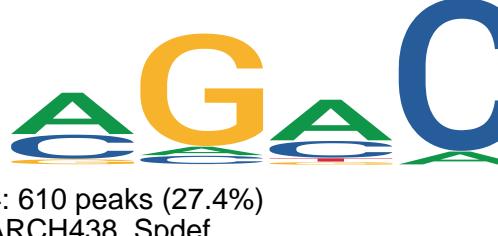
ARCH438\_Spdef



2: 781 peaks (35.1%)

ARCH438\_Spdef

ARCH483\_Tbx3/Tbx2



3: 675 peaks (30.3%)

ARCH647\_Smad2/Smad3\_Smad9/S...

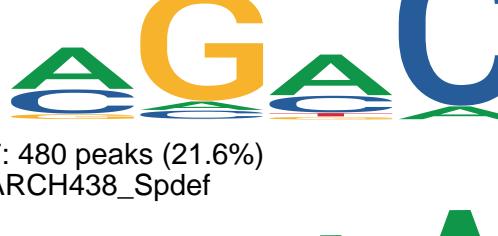
ARCH483\_Tbx3/Tbx2



4: 610 peaks (27.4%)

ARCH438\_Spdef

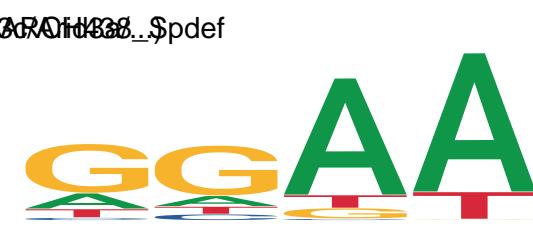
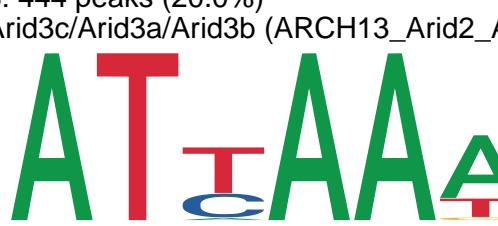
ARCH1408\_GATA20



5: 539 peaks (24.2%)

ARCH647\_Smad2/Smad3\_Smad9/S...

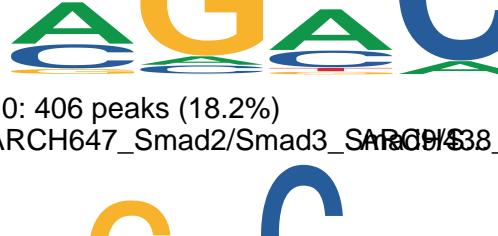
ARCH483\_Tbx3/Tbx2



6: 520 peaks (23.4%)

ARCH647\_Smad2/Smad3\_Smad9/S...

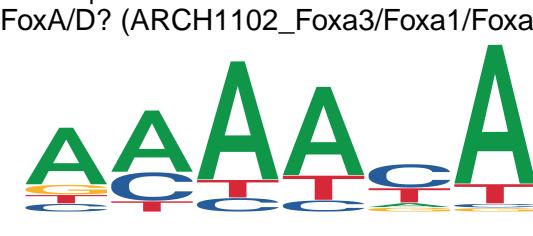
ARCH1408\_GATA20



7: 480 peaks (21.6%)

ARCH438\_Spdef

ARCH1627\_Xbp1



8: 444 peaks (20.0%)

Arid3c/Arid3a/Arid3b (ARCH13\_Arid2\_Arid3c)

ARCH438\_Spdef



9: 437 peaks (19.6%)

ARCH647\_Smad2/Smad3\_Smad9/S...

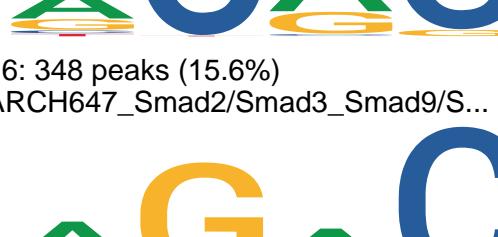
ARCH1627\_Xbp1



10: 406 peaks (18.2%)

ARCH647\_Smad2/Smad3\_Smad9/S...

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/Pbx1)



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\_Arid3c)



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...

ARCH1627\_Xbp1



18: 345 peaks (15.5%)

ARCH647\_Smad2/Smad3\_Smad9/S...

Homeodomains.HG1.54:like:NOTO | VAx-EMX-Like (ARCH1552\_Pbx4/Pbx2/Pbx1)



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...

Arid3a/Arid3b (ARCH13\_Arid2\_Arid3a/Arid3b)

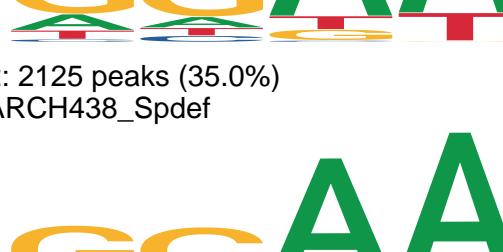


# neuronal\_gastrula

1: 2981 peaks (49.1%)

ARCH438\_Spdef

ARCH647\_Smad2/Smad3\_Smad9/S...



2: 2125 peaks (35.0%)

ARCH438\_Spdef

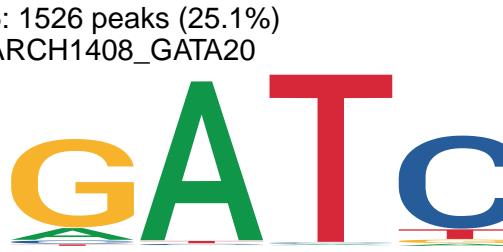
ARCH483\_Tbx3/Tbx2



3: 1837 peaks (30.2%)

ARCH1408\_GATA20

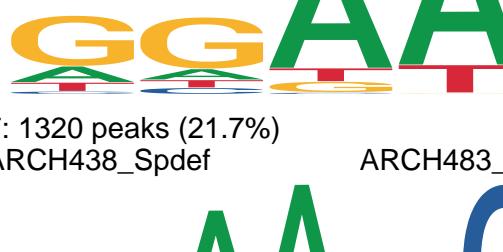
ARCH438\_Spdef



4: 1745 peaks (28.7%)

ARCH483\_Tbx3/Tbx2

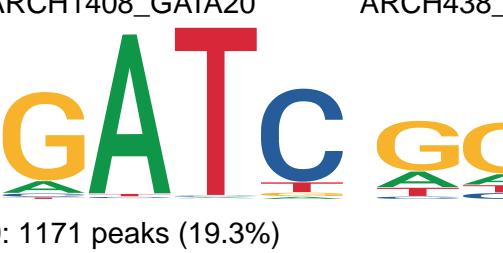
ARCH647\_Smad2/Smad3\_Smad9/S...



5: 1526 peaks (25.1%)

ARCH1408\_GATA20

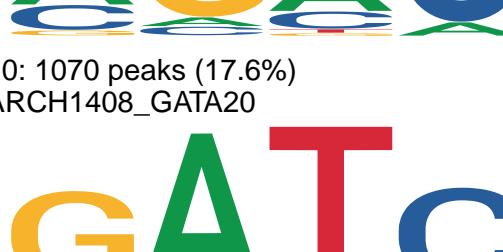
ARCH647\_Smad2/Smad3\_Smad9/S...



6: 1422 peaks (23.4%)

ARCH438\_Spdef

ARCH1627\_Xbp1



7: 1320 peaks (21.7%)

ARCH438\_Spdef

ARCH483\_Tbx3/Tbx2

ARCH647\_Smad2/Smad3\_S...

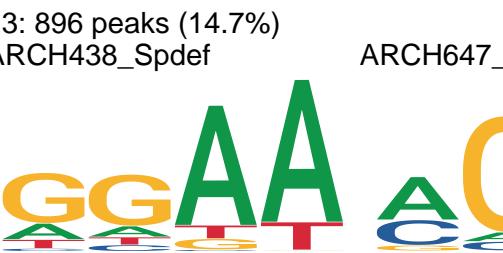


8: 1178 peaks (19.4%)

ARCH1408\_GATA20

ARCH438\_Spdef

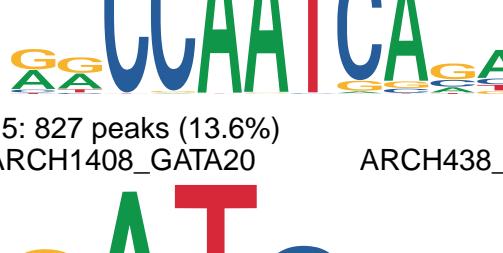
ARCH647\_Smad2/Smad3\_S...



9: 1171 peaks (19.3%)

ARCH647\_Smad2/Smad3\_Smad9/S...

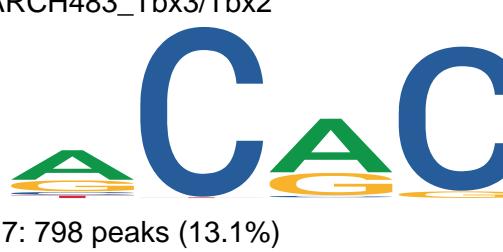
ARCH1627\_Xbp1



10: 1070 peaks (17.6%)

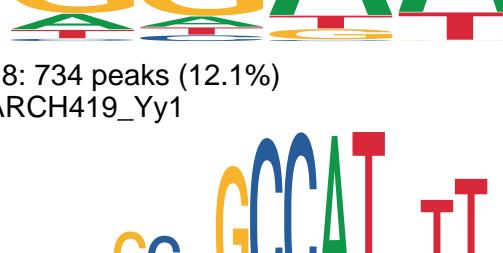
ARCH1408\_GATA20

ARCH483\_Tbx3/Tbx2



11: 1026 peaks (16.9%)

Nfyα (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\_S...

ARCH1627\_Xbp1



14: 836 peaks (13.8%)

Nfyα (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/Pbx1)



20: 702 peaks (11.6%)

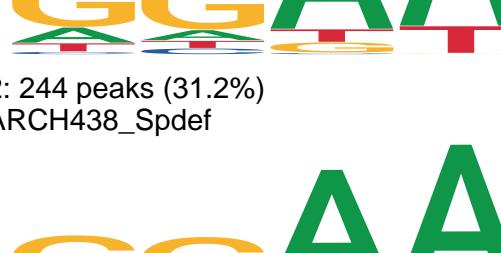
ARCH1408\_GATA20

ARCH1627\_Xbp1

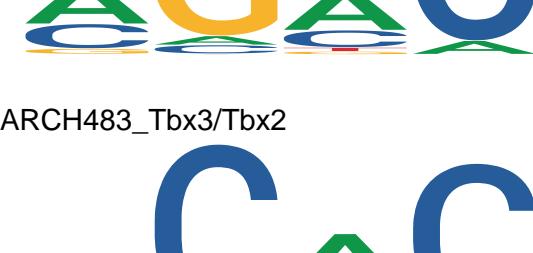


# gland

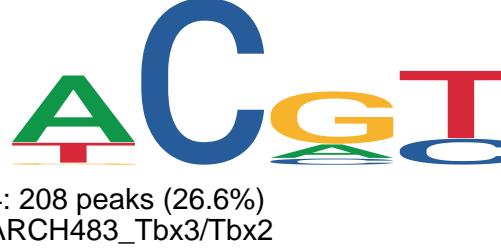
1: 411 peaks (52.6%)  
ARCH438\_Spdef



ARCH647\_Smad2/Smad3\_Smad9/S...



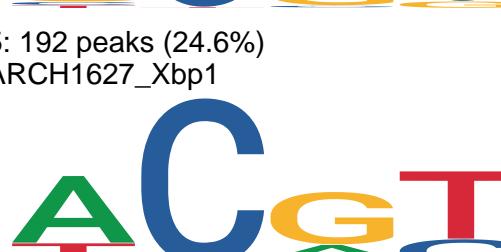
2: 244 peaks (31.2%)  
ARCH438\_Spdef



ARCH483\_Tbx3/Tbx2



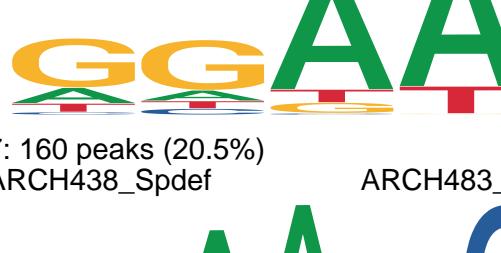
3: 215 peaks (27.5%)  
ARCH1627\_Xbp1



ARCH438\_Spdef



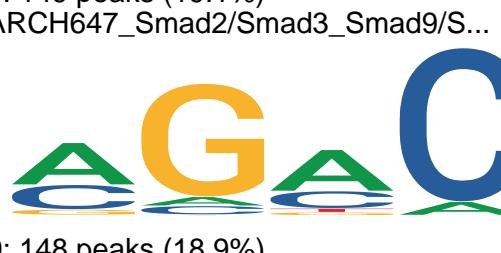
4: 208 peaks (26.6%)  
ARCH483\_Tbx3/Tbx2



ARCH647\_Smad2/Smad3\_Smad9/S...



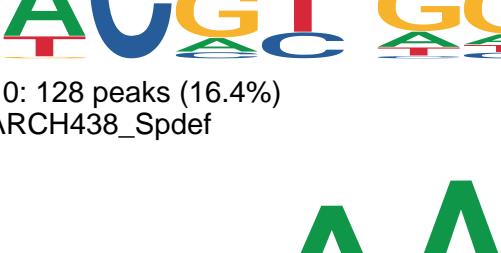
5: 192 peaks (24.6%)  
ARCH1627\_Xbp1



ARCH647\_Smad2/Smad3\_Smad9/S...



6: 192 peaks (24.6%)  
ARCH438\_Spdef



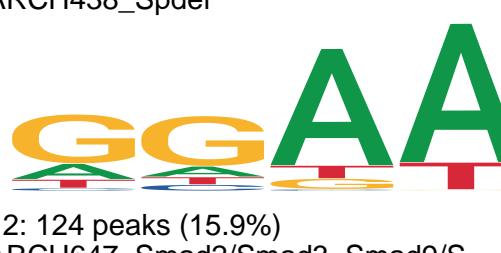
ARCH1408\_GATA20



7: 160 peaks (20.5%)  
ARCH438\_Spdef

ARCH483\_Tbx3/Tbx2

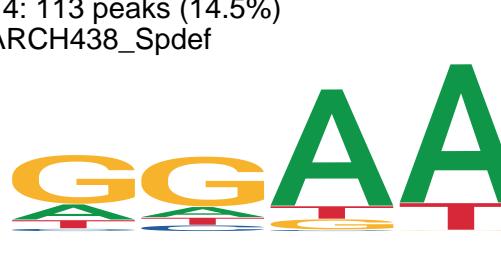
ARCH647\_Smad2/Smad3\_S...



ARCH1408\_GATA20



8: 149 peaks (19.1%)  
ARCH647\_Smad2/Smad3\_Smad9/S...



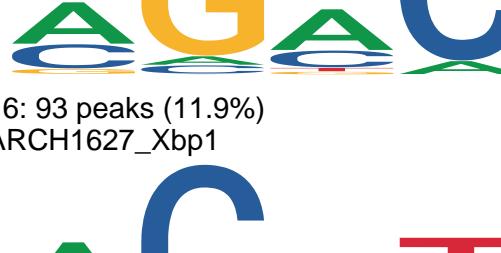
Homeodomains.HG1.54:like:NOTO | VAx-EMX-Like (ARCH1552\_Pbx4/Pbx2/Pbx1)



9: 148 peaks (18.9%)  
ARCH1627\_Xbp1

ARCH438\_Spdef

ARCH647\_Smad2/Smad3\_S...



ARCH1408\_GATA20



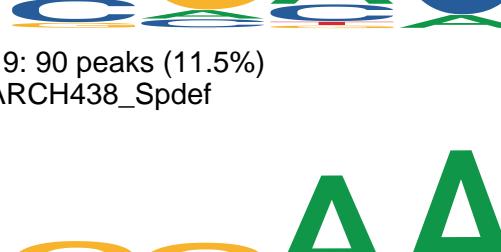
10: 128 peaks (16.4%)  
ARCH438\_Spdef



Homeodomains.HG1.54:like:NOTO | VAx-EMX-Like (ARCH1552\_Pbx4/Pbx2/Pbx1)



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/Pbx1)



13: 119 peaks (15.2%)  
ARCH438\_Spdef

ARCH647\_Smad2/Smad3\_S...

S408\_GATA20



Nfyα (ARCH178\_Foxc2/Foxc1\_Foxg1/G...)



14: 113 peaks (14.5%)  
ARCH438\_Spdef



CCAAATCA



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...



TGTAAACA



19: 90 peaks (11.5%)  
ARCH438\_Spdef



Nfyα (ARCH178\_Foxc2/Foxc1\_Foxg1/G...)



20: 90 peaks (11.5%)  
ARCH438\_Spdef



ARCH483\_Tbx3/Tbx2



21: 89 peaks (11.4%)  
ARCH438\_Spdef



HLH.HG1.34:like:ASCL1/ASCL2/AS | Tcf3/Tcf12/Tcf4 (ARCH477\_Ptf1a)



22: 88 peaks (11.3%)  
ARCH438\_Spdef



CAGCTTG

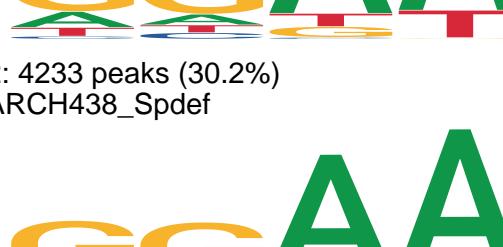


# gland\_mucin

1: 7066 peaks (50.5%)

ARCH438\_Spdef

ARCH647\_Smad2/Smad3\_Smad9/S...



2: 4233 peaks (30.2%)

ARCH438\_Spdef

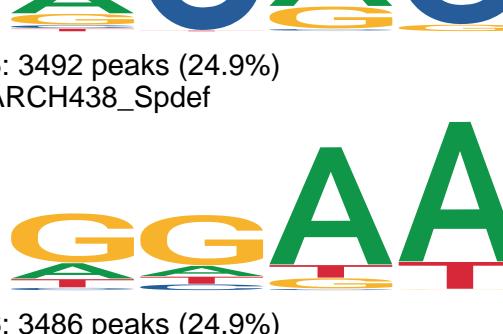
ARCH483\_Tbx3/Tbx2



3: 4158 peaks (29.7%)

ARCH1408\_GATA20

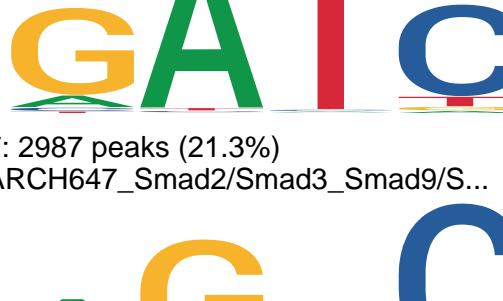
ARCH438\_Spdef



4: 3536 peaks (25.2%)

ARCH483\_Tbx3/Tbx2

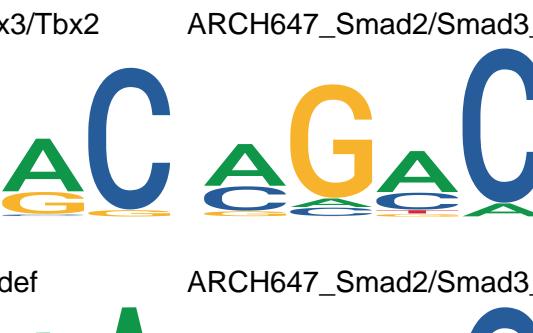
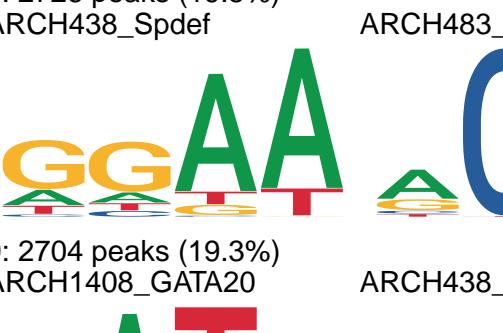
ARCH647\_Smad2/Smad3\_Smad9/S...



5: 3492 peaks (24.9%)

ARCH438\_Spdef

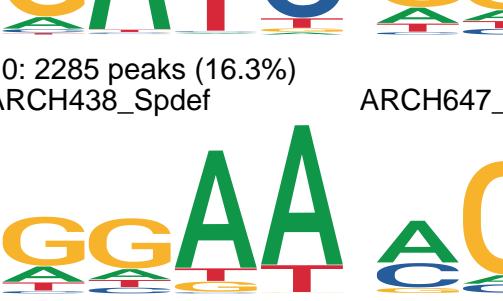
ARCH1627\_Xbp1



6: 3486 peaks (24.9%)

ARCH1408\_GATA20

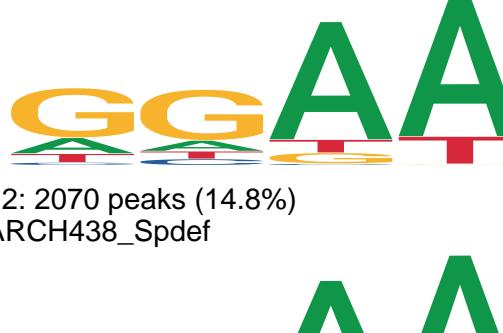
ARCH647\_Smad2/Smad3\_Smad9/S...



7: 2987 peaks (21.3%)

ARCH647\_Smad2/Smad3\_Smad9/S...

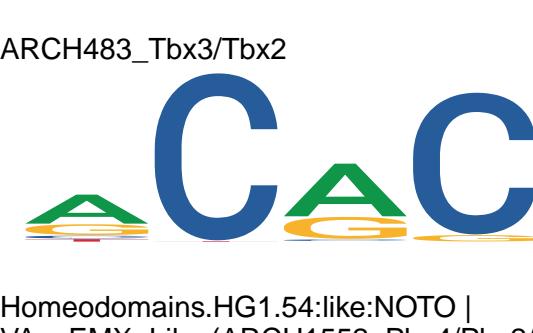
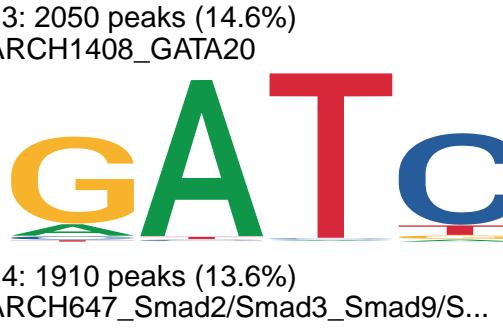
ARCH1627\_Xbp1



8: 2726 peaks (19.5%)

ARCH438\_Spdef

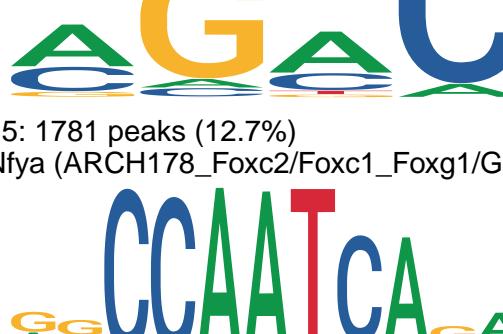
ARCH647\_Smad2/Smad3\_Sr...



9: 2704 peaks (19.3%)

ARCH1408\_GATA20

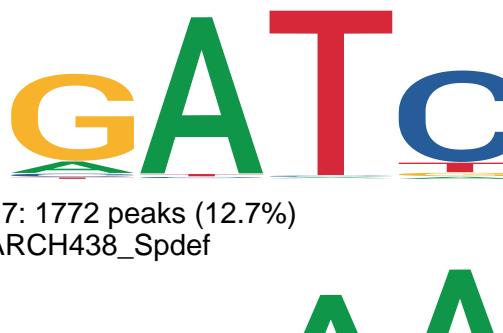
ARCH647\_Smad2/Smad3\_Sr...



10: 2285 peaks (16.3%)

ARCH438\_Spdef

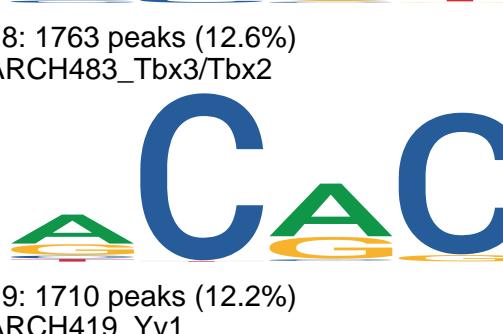
ARCH647\_Smad2/Smad3\_Smad9/S...



11: 2220 peaks (15.9%)

ARCH438\_Spdef

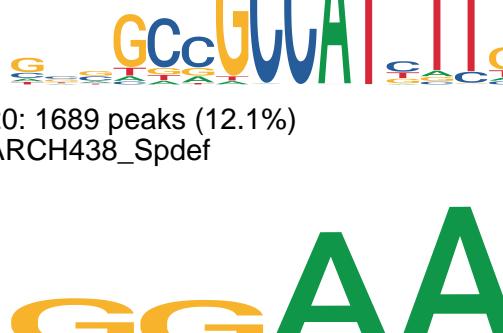
Homeodomains.HG1.54:like:NOTO | VAX-EMX-Like (ARCH1552\_Pbx4/Pbx2/Pbx1)



12: 2070 peaks (14.8%)

ARCH438\_Spdef

ARCH419\_Yy1



13: 2050 peaks (14.6%)

ARCH1408\_GATA20

ARCH419\_Yy1



14: 1910 peaks (13.6%)

ARCH647\_Smad2/Smad3\_Smad9/S...

Homeodomains.HG1.54:like:NOTO | VAX-EMX-Like (ARCH1552\_Pbx4/Pbx2/Pbx1)



15: 1781 peaks (12.7%)

Nfyα (ARCH178\_Foxc2/Foxc1\_Foxg1/G...) ARCH438\_Spdef

Homeodomains.HG1.54:like:NOTO | VAX-EMX-Like (ARCH1552\_Pbx4/Pbx2/Pbx1)



16: 1777 peaks (12.7%)

ARCH1408\_GATA20

ARCH419\_Yy1



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\_)

