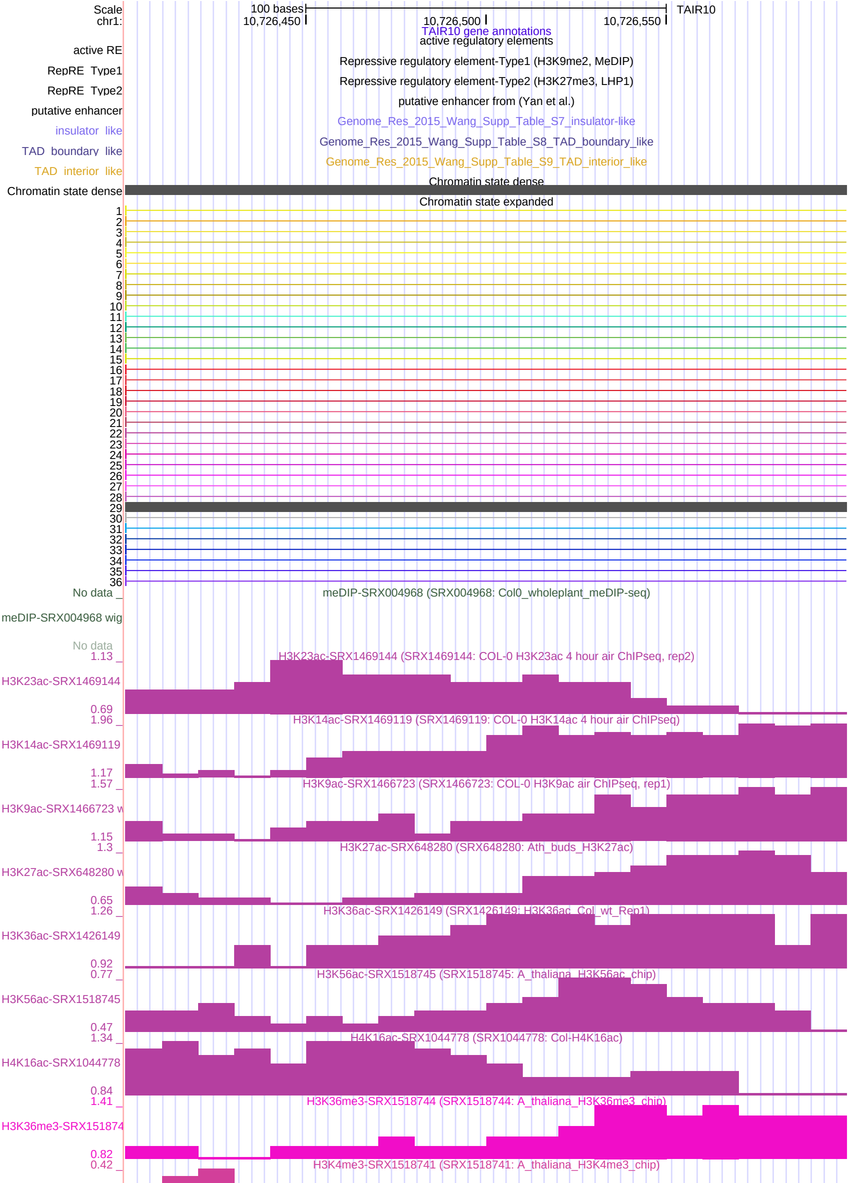
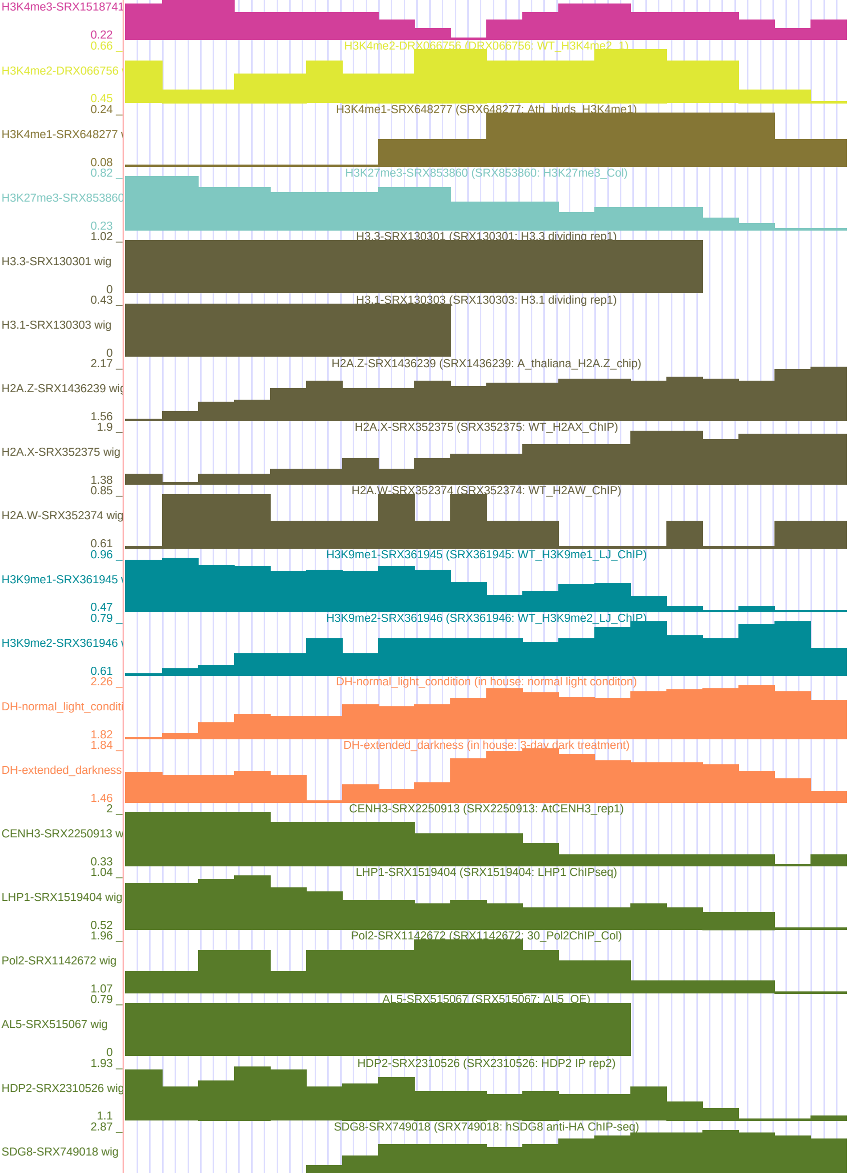
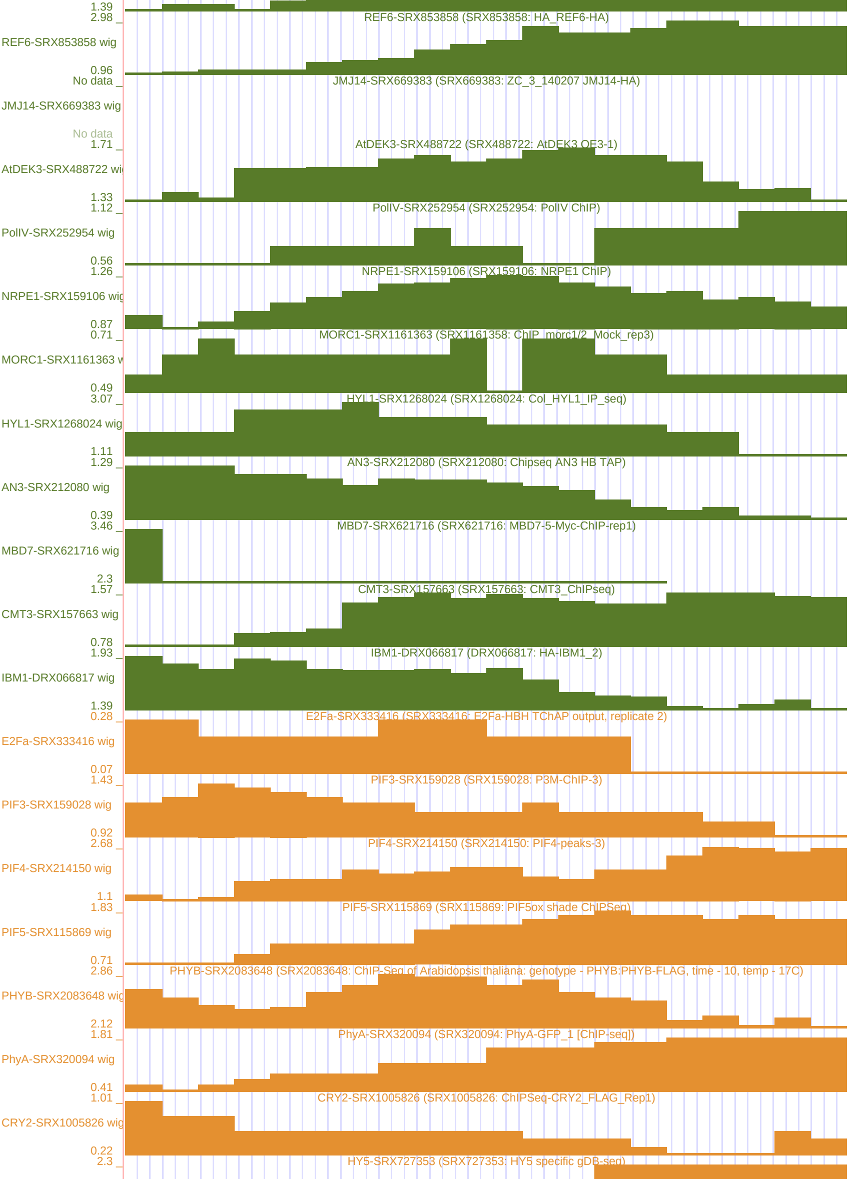
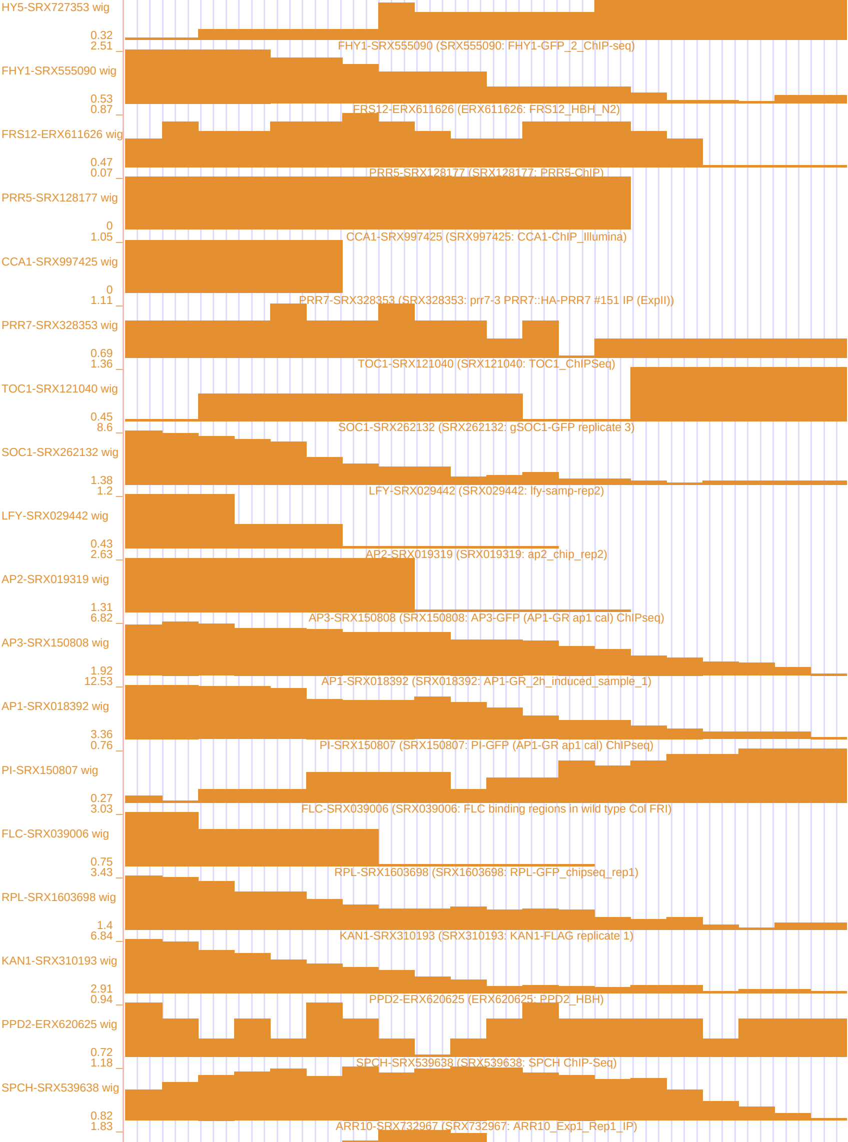
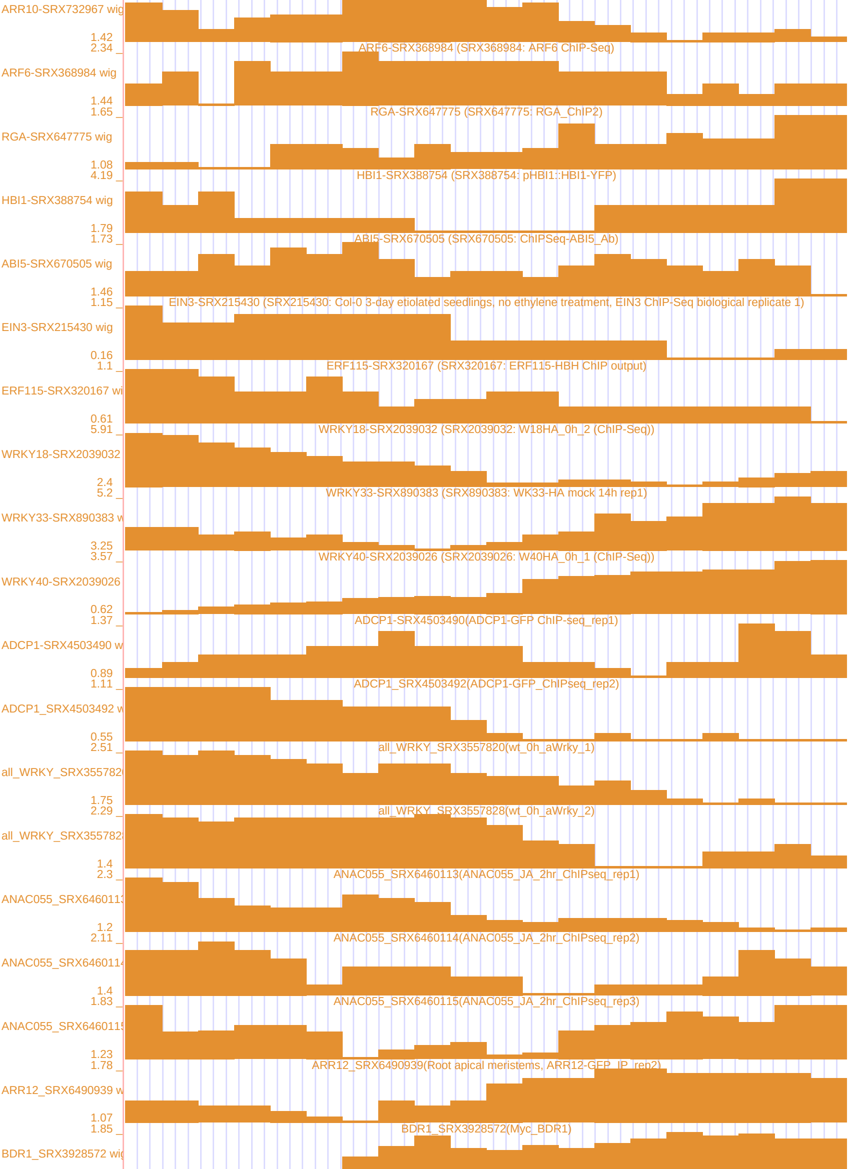
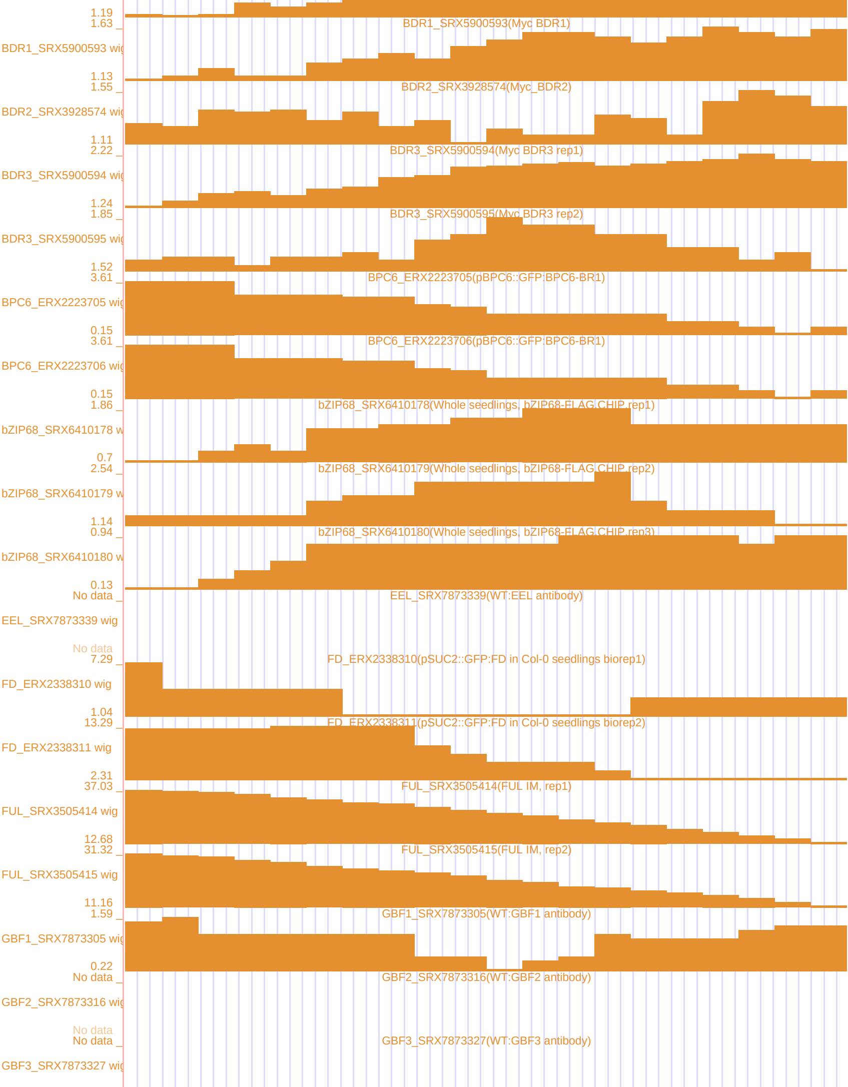

Scale
chr1:
100 bases
10,726,450
10,726,500
10,726,550
TAIR10
TAIR10 gene annotations
active regulatory elements
active RE
Repressive regulatory element-Type1 (H3K9me2, MeDIP)
RepRE_Type1
Repressive regulatory element-Type2 (H3K27me3, LHP1)
RepRE_Type2
putative enhancer from (Yan et al.)
putative enhancer
Genome_Res_2015_Wang_Supp_Table_S7_insulator-like
insulator_like
Genome_Res_2015_Wang_Supp_Table_S8_TAD_boundary_like
TAD_boundary_like
Genome_Res_2015_Wang_Supp_Table_S9_TAD_interior_like
TAD_interior_like
Chromatin state dense
Chromatin state dense
Chromatin state expanded
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
No data _
meDIP-SRX004968 (SRX004968: Col0_wholeplant_meDIP-seq)
meDIP-SRX004968 wig
No data
1.13 _
H3K23ac-SRX1469144 (SRX1469144: COL-0 H3K23ac 4 hour air ChIPseq, rep2)
H3K23ac-SRX1469144
0.69
1.96 _
H3K14ac-SRX1469119 (SRX1469119: COL-0 H3K14ac 4 hour air ChIPseq)
H3K14ac-SRX1469119
1.17
1.57 _
H3K9ac-SRX1466723 (SRX1466723: COL-0 H3K9ac air ChIPseq, rep1)
H3K9ac-SRX1466723 w
1.15
1.3 _
H3K27ac-SRX648280 (SRX648280: Ath_buds_H3K27ac)
H3K27ac-SRX648280 w
0.65
1.26 _
H3K36ac-SRX1426149 (SRX1426149: H3K36ac_Col_wt_Rep1)
H3K36ac-SRX1426149
0.92
0.77 _
H3K56ac-SRX1518745 (SRX1518745: A_thaliana_H3K56ac_chip)
H3K56ac-SRX1518745
0.47
1.34 _
H4K16ac-SRX1044778 (SRX1044778: Col-H4K16ac)
H4K16ac-SRX1044778
0.84
1.41 _
H3K36me3-SRX1518744 (SRX1518744: A_thaliana_H3K36me3_chip)
H3K36me3-SRX151874
0.82
0.42 _
H3K4me3-SRX1518741 (SRX1518741: A_thaliana_H3K4me3_chip)


H3K4me3-SRX1518741
0.22
0.66
H3K4me2-DRX066756 (DRX066756: WT_H3K4me2_1)
H3K4me2-DRX066756 \
0.45
0.24
H3K4me1-SRX648277 (SRX648277: Ath_buds_H3K4me1)
H3K4me1-SRX648277 \
0.08
0.82
H3K27me3-SRX853860 (SRX853860: H3K27me3_Col)
H3K27me3-SRX853860
0.23
1.02
H3.3-SRX130301 (SRX130301: H3.3 dividing rep1)
H3.3-SRX130301 wig
0
0.43
H3.1-SRX130303 (SRX130303: H3.1 dividing rep1)
H3.1-SRX130303 wig
0
2.17
H2A.Z-SRX1436239 (SRX1436239: A_thaliana_H2A.Z_chip)
H2A.Z-SRX1436239 wig
1.56
1.9
H2A.X-SRX352375 (SRX352375: WT_H2AX_ChIP)
H2A.X-SRX352375 wig
1.38
0.85
H2A.W-SRX352374 (SRX352374: WT_H2AW_ChIP)
H2A.W-SRX352374 wig
0.61
0.96
H3K9me1-SRX361945 (SRX361945: WT_H3K9me1_LJ_ChIP)
H3K9me1-SRX361945 \
0.47
0.79
H3K9me2-SRX361946 (SRX361946: WT_H3K9me2_LJ_ChIP)
H3K9me2-SRX361946 \
0.61
2.26
DH-normal_light_condition (in house: normal light conditon)
DH-normal_light_conditi
1.82
1.84
DH-extended_darkness (in house: 3-day dark treatment)
DH-extended_darkness
1.46
2
CENH3-SRX2250913 (SRX2250913: AtCENH3_rep1)
CENH3-SRX2250913 w
0.33
1.04
LHP1-SRX1519404 (SRX1519404: LHP1 ChIPseq)
LHP1-SRX1519404 wig
0.52
1.96
Pol2-SRX1142672 (SRX1142672: 30_Pol2ChIP_Col)
Pol2-SRX1142672 wig
1.07
0.79
AL5-SRX515067 (SRX515067: AL5_OE)
AL5-SRX515067 wig
0
1.93
HDP2-SRX2310526 (SRX2310526: HDP2 IP rep2)
HDP2-SRX2310526 wig
1.1
2.87
SDG8-SRX749018 (SRX749018: hSDG8 anti-HA ChIP-seq)
SDG8-SRX749018 wig

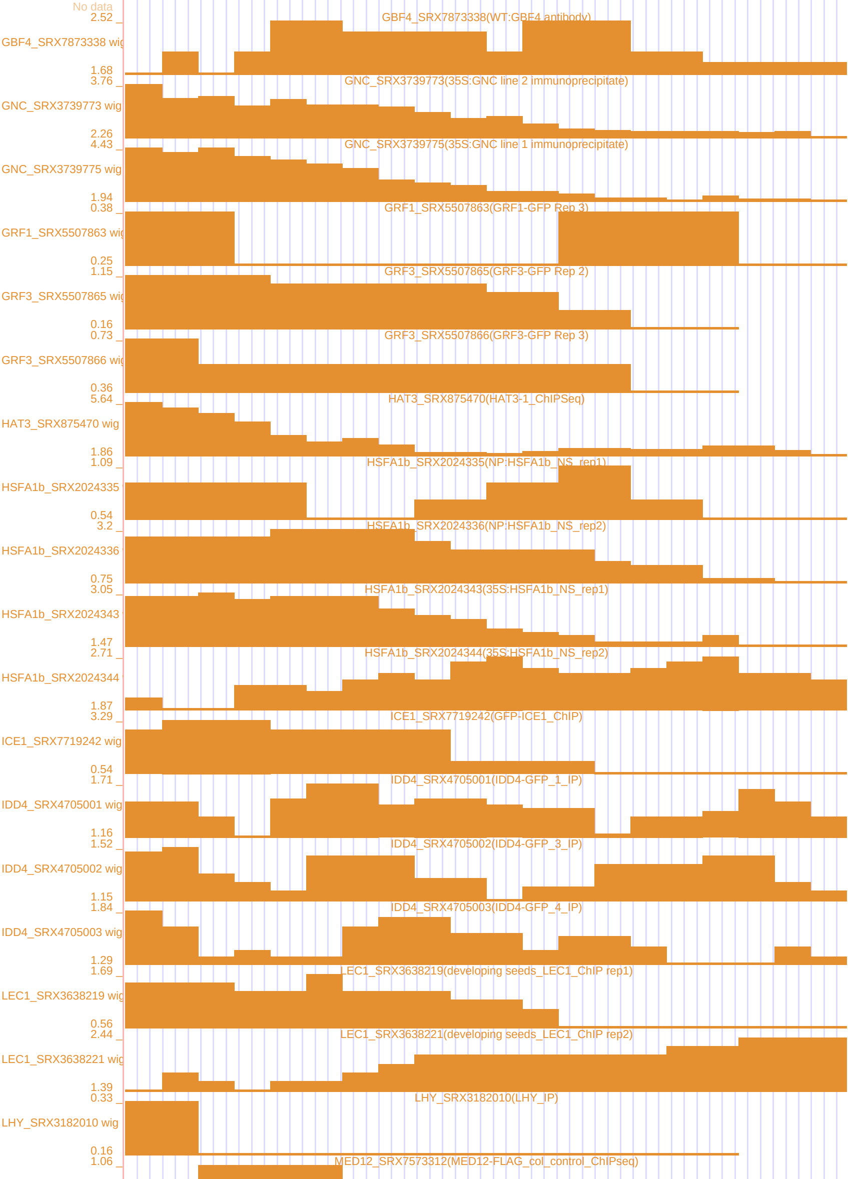

1.39
2.98
REF6-SRX853858 (SRX853858: HA_REF6-HA)
REF6-SRX853858 wig
0.96
No data
JMJ14-SRX669383 (SRX669383: ZC_3_140207 JMJ14-HA)
JMJ14-SRX669383 wig
No data
1.71
AtDEK3-SRX488722 (SRX488722: AtDEK3 OE3-1)
AtDEK3-SRX488722 wi
1.33
1.12
PolIV-SRX252954 (SRX252954: PolIV ChIP)
PolIV-SRX252954 wig
0.56
1.26
NRPE1-SRX159106 (SRX159106: NRPE1 ChIP)
NRPE1-SRX159106 wig
0.87
0.71
MORC1-SRX1161363 (SRX1161358: ChIP_morc1/2_Mock_rep3)
MORC1-SRX1161363 w
0.49
3.07
HYL1-SRX1268024 (SRX1268024: Col_HYL1_IP_seq)
HYL1-SRX1268024 wig
1.11
1.29
AN3-SRX212080 (SRX212080: Chipseq AN3 HB TAP)
AN3-SRX212080 wig
0.39
3.46
MBD7-SRX621716 (SRX621716: MBD7-5-Myc-ChIP-rep1)
MBD7-SRX621716 wig
2.3
1.57
CMT3-SRX157663 (SRX157663: CMT3_ChIPseq)
CMT3-SRX157663 wig
0.78
1.93
IBM1-DRX066817 (DRX066817: HA-IBM1_2)
IBM1-DRX066817 wig
1.39
0.28
E2Fa-SRX333416 (SRX333416: E2Fa-HBH TChAP output, replicate 2)
E2Fa-SRX333416 wig
0.07
1.43
PIF3-SRX159028 (SRX159028: P3M-ChIP-3)
PIF3-SRX159028 wig
0.92
2.68
PIF4-SRX214150 (SRX214150: PIF4-peaks-3)
PIF4-SRX214150 wig
1.1
1.83
PIF5-SRX115869 (SRX115869: PIF5ox shade ChIPSeq)
PIF5-SRX115869 wig
0.71
2.86
PHYB-SRX2083648 (SRX2083648: ChIP-Seq of Arabidopsis thaliana: genotype - PHYB:PHYB-FLAG, time - 10, temp - 17C)
PHYB-SRX2083648 wig
2.12
1.81
PhyA-SRX320094 (SRX320094: PhyA-GFP_1 [ChIP-seq])
PhyA-SRX320094 wig
0.41
1.01
CRY2-SRX1005826 (SRX1005826: ChIPSeq-CRY2_FLAG_Rep1)
CRY2-SRX1005826 wig
0.22
2.3
HY5-SRX727353 (SRX727353: HY5 specific gDB-seq)

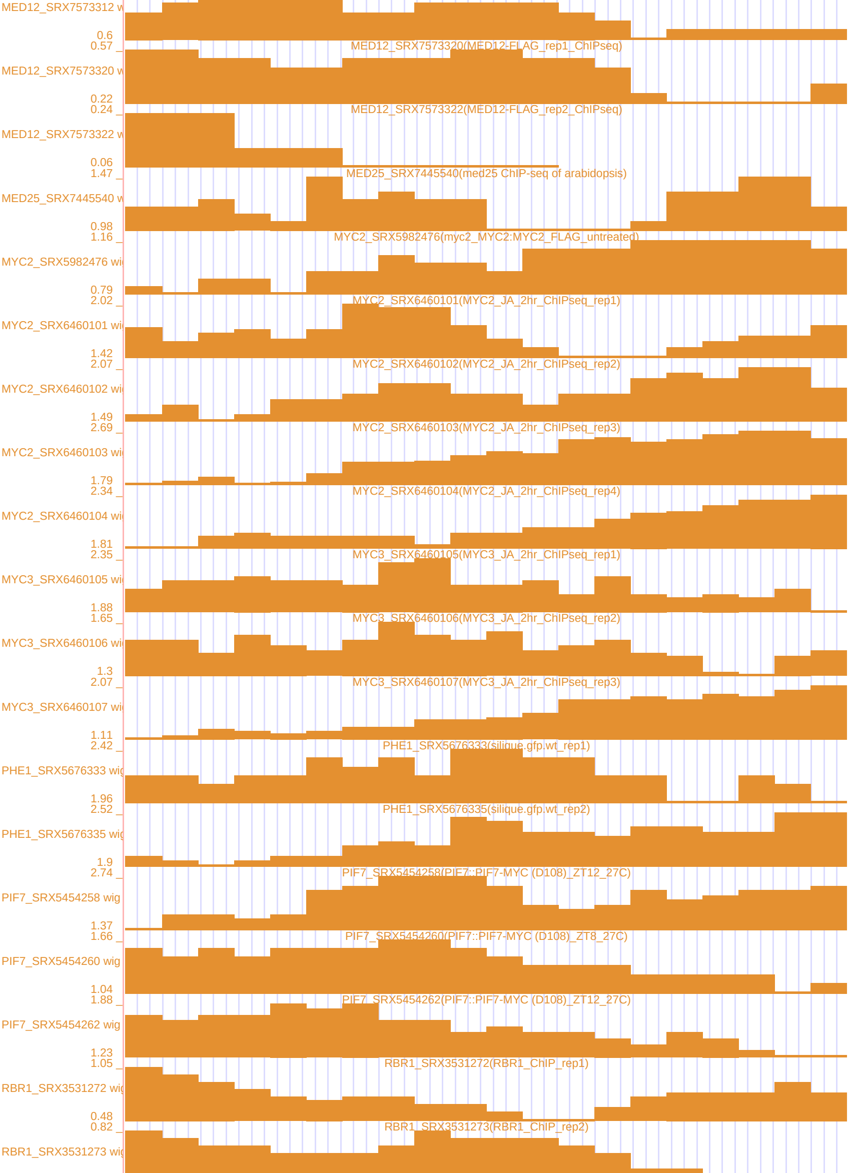

HY5-SRX727353 wig
0.32
2.51
FHY1-SRX555090 (SRX555090: FHY1-GFP_2_ChIP-seq)
FHY1-SRX555090 wig
0.53
0.87
FRS12-ERX611626 (ERX611626: FRS12_HBH_N2)
FRS12-ERX611626 wig
0.47
0.07
PRR5-SRX128177 (SRX128177: PRR5-ChIP)
PRR5-SRX128177 wig
0
1.05
CCA1-SRX997425 (SRX997425: CCA1-ChIP_Illumina)
CCA1-SRX997425 wig
0
1.11
PRR7-SRX328353 (SRX328353: prr7-3 PRR7::HA-PRR7 #151 IP (ExpII))
PRR7-SRX328353 wig
0.69
1.36
TOC1-SRX121040 (SRX121040: TOC1_ChIPSeq)
TOC1-SRX121040 wig
0.45
8.6
SOC1-SRX262132 (SRX262132: gSOC1-GFP replicate 3)
SOC1-SRX262132 wig
1.38
1.2
LFY-SRX029442 (SRX029442: lfy-samp-rep2)
LFY-SRX029442 wig
0.43
2.63
AP2-SRX019319 (SRX019319: ap2_chip_rep2)
AP2-SRX019319 wig
1.31
6.82
AP3-SRX150808 (SRX150808: AP3-GFP (AP1-GR ap1 cal) ChIPseq)
AP3-SRX150808 wig
1.92
12.53
AP1-SRX018392 (SRX018392: AP1-GR_2h_induced_sample_1)
AP1-SRX018392 wig
3.36
0.76
PI-SRX150807 (SRX150807: PI-GFP (AP1-GR ap1 cal) ChIPseq)
PI-SRX150807 wig
0.27
3.03
FLC-SRX039006 (SRX039006: FLC binding regions in wild type Col FRI)
FLC-SRX039006 wig
0.75
3.43
RPL-SRX1603698 (SRX1603698: RPL-GFP_chipseq_rep1)
RPL-SRX1603698 wig
1.4
6.84
KAN1-SRX310193 (SRX310193: KAN1-FLAG replicate 1)
KAN1-SRX310193 wig
2.91
0.94
PPD2-ERX620625 (ERX620625: PPD2_HBH)
PPD2-ERX620625 wig
0.72
1.18
SPCH-SRX539638 (SRX539638: SPCH ChIP-Seq)
SPCH-SRX539638 wig
0.82
1.83
ARR10-SRX732967 (SRX732967: ARR10_Exp1_Rep1_IP)

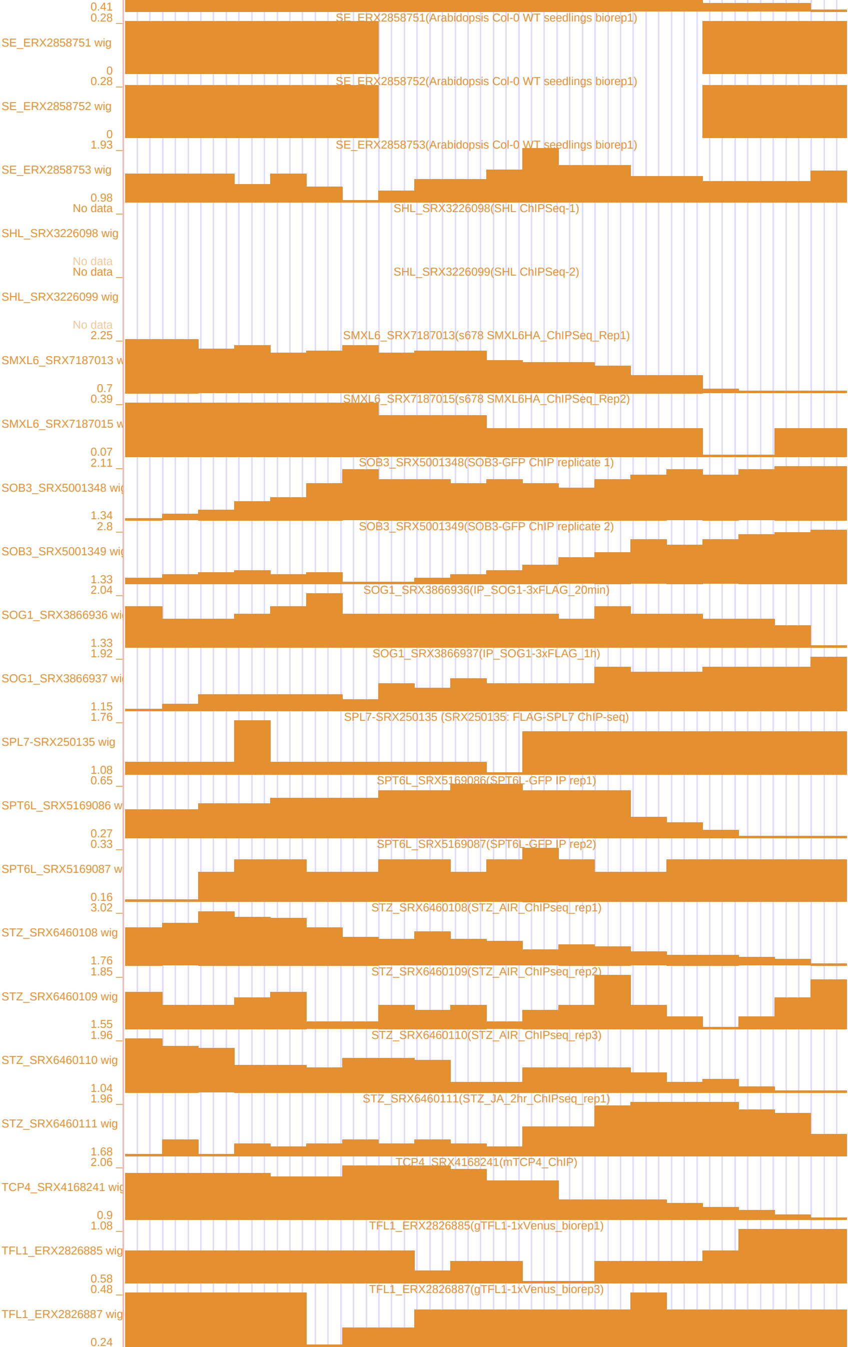

ARR10-SRX732967 wig
1.42
2.34 _
ARF6-SRX368984 (SRX368984: ARF6 ChIP-Seq)
ARF6-SRX368984 wig
1.44
1.65 _
RGA-SRX647775 (SRX647775: RGA_ChIP2)
RGA-SRX647775 wig
1.08
4.19 _
HBI1-SRX388754 (SRX388754: pHBI1::HBI1-YFP)
HBI1-SRX388754 wig
1.79
1.73 _
ABI5-SRX670505 (SRX670505: ChIPSeq-ABI5_Ab)
ABI5-SRX670505 wig
1.46
1.15 _
EIN3-SRX215430 (SRX215430: Col-0 3-day etiolated seedlings, no ethylene treatment, EIN3 ChIP-Seq biological replicate 1)
EIN3-SRX215430 wig
0.16
1.1 _
ERF115-SRX320167 (SRX320167: ERF115-HBH ChIP output)
ERF115-SRX320167 wi
0.61
5.91 _
WRKY18-SRX2039032 (SRX2039032: W18HA_0h_2 (ChIP-Seq))
WRKY18-SRX2039032
2.4
5.2 _
WRKY33-SRX890383 (SRX890383: WK33-HA mock 14h rep1)
WRKY33-SRX890383 w
3.25
3.57 _
WRKY40-SRX2039026 (SRX2039026: W40HA_0h_1 (ChIP-Seq))
WRKY40-SRX2039026
0.62
1.37 _
ADCP1-SRX4503490(ADCP1-GFP ChIP-seq_rep1)
ADCP1-SRX4503490 w
0.89
1.11 _
ADCP1_SRX4503492(ADCP1-GFP_ChIPseq_rep2)
ADCP1_SRX4503492 w
0.55
2.51 _
all_WRKY_SRX3557820(wt_0h_aWrky_1)
all_WRKY_SRX355782
1.75
2.29 _
all_WRKY_SRX3557828(wt_0h_aWrky_2)
all_WRKY_SRX355782
1.4
2.3 _
ANAC055_SRX6460113(ANAC055_JA_2hr_ChIPseq_rep1)
ANAC055_SRX646011
1.2
2.11 _
ANAC055_SRX6460114(ANAC055_JA_2hr_ChIPseq_rep2)
ANAC055_SRX646011
1.4
1.83 _
ANAC055_SRX6460115(ANAC055_JA_2hr_ChIPseq_rep3)
ANAC055_SRX646011
1.23
1.78 _
ARR12_SRX6490939(Root apical meristems, ARR12-GFP_IP_rep2)
ARR12_SRX6490939 w
1.07
1.85 _
BDR1_SRX3928572(Myc_BDR1)
BDR1_SRX3928572 wig



1.19
1.63
BDR1_SRX5900593(Myc BDR1)
BDR1_SRX5900593 wig
1.13
1.55
BDR2_SRX3928574(Myc_BDR2)
BDR2_SRX3928574 wig
1.11
2.22
BDR3_SRX5900594(Myc BDR3 rep1)
BDR3_SRX5900594 wig
1.24
1.85
BDR3_SRX5900595(Myc BDR3 rep2)
BDR3_SRX5900595 wig
1.52
3.61
BPC6_ERX2223705(pBPC6::GFP:BPC6-BR1)
BPC6_ERX2223705 wig
0.15
3.61
BPC6_ERX2223706(pBPC6::GFP:BPC6-BR1)
BPC6_ERX2223706 wig
0.15
1.86
bZIP68_SRX6410178(Whole seedlings, bZIP68-FLAG CHIP rep1)
bZIP68_SRX6410178 w
0.7
2.54
bZIP68_SRX6410179(Whole seedlings, bZIP68-FLAG CHIP rep2)
bZIP68_SRX6410179 w
1.14
0.94
bZIP68_SRX6410180(Whole seedlings, bZIP68-FLAG CHIP rep3)
bZIP68_SRX6410180 w
0.13
No data
EEL_SRX7873339(WT:EEL antibody)
EEL_SRX7873339 wig
No data
7.29
FD_ERX2338310(pSUC2::GFP:FD in Col-0 seedlings biorep1)
FD_ERX2338310 wig
1.04
13.29
FD_ERX2338311(pSUC2::GFP:FD in Col-0 seedlings biorep2)
FD_ERX2338311 wig
2.31
37.03
FUL_SRX3505414(FUL IM, rep1)
FUL_SRX3505414 wig
12.68
31.32
FUL_SRX3505415(FUL IM, rep2)
FUL_SRX3505415 wig
11.16
1.59
GBF1_SRX7873305(WT:GBF1 antibody)
GBF1_SRX7873305 wig
0.22
No data
GBF2_SRX7873316(WT:GBF2 antibody)
GBF2_SRX7873316 wig
No data
No data
GBF3_SRX7873327(WT:GBF3 antibody)
GBF3_SRX7873327 wig


No data
2.52 _
GBF4_SRX7873338(WT:GBF4 antibody)
GBF4_SRX7873338 wig
1.68
3.76 _
GNC_SRX3739773(35S:GNC line 2 immunoprecipitate)
GNC_SRX3739773 wig
2.26
4.43 _
GNC_SRX3739775(35S:GNC line 1 immunoprecipitate)
GNC_SRX3739775 wig
1.94
0.38 _
GRF1_SRX5507863(GRF1-GFP Rep 3)
GRF1_SRX5507863 wig
0.25
1.15 _
GRF3_SRX5507865(GRF3-GFP Rep 2)
GRF3_SRX5507865 wig
0.16
0.73 _
GRF3_SRX5507866(GRF3-GFP Rep 3)
GRF3_SRX5507866 wig
0.36
5.64 _
HAT3_SRX875470(HAT3-1_ChIPSeq)
HAT3_SRX875470 wig
1.86
1.09 _
HSFA1b_SRX2024335(NP:HSFA1b_NS_rep1)
HSFA1b_SRX2024335
0.54
3.2 _
HSFA1b_SRX2024336(NP:HSFA1b_NS_rep2)
HSFA1b_SRX2024336
0.75
3.05 _
HSFA1b_SRX2024343(35S:HSFA1b_NS_rep1)
HSFA1b_SRX2024343
1.47
2.71 _
HSFA1b_SRX2024344(35S:HSFA1b_NS_rep2)
HSFA1b_SRX2024344
1.87
3.29 _
ICE1_SRX7719242(GFP-ICE1_ChIP)
ICE1_SRX7719242 wig
0.54
1.71 _
IDD4_SRX4705001(IDD4-GFP_1_IP)
IDD4_SRX4705001 wig
1.16
1.52 _
IDD4_SRX4705002(IDD4-GFP_3_IP)
IDD4_SRX4705002 wig
1.15
1.84 _
IDD4_SRX4705003(IDD4-GFP_4_IP)
IDD4_SRX4705003 wig
1.29
1.69 _
LEC1_SRX3638219(developing seeds_LEC1_ChIP rep1)
LEC1_SRX3638219 wig
0.56
2.44 _
LEC1_SRX3638221(developing seeds_LEC1_ChIP rep2)
LEC1_SRX3638221 wig
1.39
0.33 _
LHY_SRX3182010(LHY_IP)
LHY_SRX3182010 wig
0.16
1.06 _
MED12_SRX7573312(MED12-FLAG_col_control_ChIPseq)


MED12_SRX7573312 w
0.6
0.57 _
MED12_SRX7573320(MED12-FLAG_rep1_ChIPseq)
MED12_SRX7573320 w
0.22
0.24 _
MED12_SRX7573322(MED12-FLAG_rep2_ChIPseq)
MED12_SRX7573322 w
0.06
1.47 _
MED25_SRX7445540(med25 ChIP-seq of arabidopsis)
MED25_SRX7445540 w
0.98
1.16 _
MYC2_SRX5982476(myc2_MYC2:MYC2_FLAG_untreated)
MYC2_SRX5982476 wi
0.79
2.02 _
MYC2_SRX6460101(MYC2_JA_2hr_ChIPseq_rep1)
MYC2_SRX6460101 wi
1.42
2.07 _
MYC2_SRX6460102(MYC2_JA_2hr_ChIPseq_rep2)
MYC2_SRX6460102 wi
1.49
2.69 _
MYC2_SRX6460103(MYC2_JA_2hr_ChIPseq_rep3)
MYC2_SRX6460103 wi
1.79
2.34 _
MYC2_SRX6460104(MYC2_JA_2hr_ChIPseq_rep4)
MYC2_SRX6460104 wi
1.81
2.35 _
MYC3_SRX6460105(MYC3_JA_2hr_ChIPseq_rep1)
MYC3_SRX6460105 wi
1.88
1.65 _
MYC3_SRX6460106(MYC3_JA_2hr_ChIPseq_rep2)
MYC3_SRX6460106 wi
1.3
2.07 _
MYC3_SRX6460107(MYC3_JA_2hr_ChIPseq_rep3)
MYC3_SRX6460107 wi
1.11
2.42 _
PHE1_SRX5676333(silique.gfp.wt_rep1)
PHE1_SRX5676333 wig
1.96
2.52 _
PHE1_SRX5676335(silique.gfp.wt_rep2)
PHE1_SRX5676335 wig
1.9
2.74 _
PIF7_SRX5454258(PIF7::PIF7-MYC (D108)_ZT12_27C)
PIF7_SRX5454258 wig
1.37
1.66 _
PIF7_SRX5454260(PIF7::PIF7-MYC (D108)_ZT8_27C)
PIF7_SRX5454260 wig
1.04
1.88 _
PIF7_SRX5454262(PIF7::PIF7-MYC (D108)_ZT12_27C)
PIF7_SRX5454262 wig
1.23
1.05 _
RBR1_SRX3531272(RBR1_ChIP_rep1)
RBR1_SRX3531272 wig
0.48
0.82 _
RBR1_SRX3531273(RBR1_ChIP_rep2)
RBR1_SRX3531273 wig


0.41
0.28
SE_ERX2858751(Arabidopsis Col-0 WT seedlings biorep1)
SE_ERX2858751 wig
0
0.28
SE_ERX2858752(Arabidopsis Col-0 WT seedlings biorep1)
SE_ERX2858752 wig
0
1.93
SE_ERX2858753(Arabidopsis Col-0 WT seedlings biorep1)
SE_ERX2858753 wig
0.98
No data
SHL_SRX3226098(SHL ChIPSeq-1)
SHL_SRX3226098 wig
No data
No data
SHL_SRX3226099(SHL ChIPSeq-2)
SHL_SRX3226099 wig
No data
2.25
SMXL6_SRX7187013(s678 SMXL6HA_ChIPSeq_Rep1)
SMXL6_SRX7187013 w
0.7
0.39
SMXL6_SRX7187015(s678 SMXL6HA_ChIPSeq_Rep2)
SMXL6_SRX7187015 w
0.07
2.11
SOB3_SRX5001348(SOB3-GFP ChIP replicate 1)
SOB3_SRX5001348 wig
1.34
2.8
SOB3_SRX5001349(SOB3-GFP ChIP replicate 2)
SOB3_SRX5001349 wig
1.33
2.04
SOG1_SRX3866936(IP_SOG1-3xFLAG_20min)
SOG1_SRX3866936 wi
1.33
1.92
SOG1_SRX3866937(IP_SOG1-3xFLAG_1h)
SOG1_SRX3866937 wi
1.15
1.76
SPL7-SRX250135 (SRX250135: FLAG-SPL7 ChIP-seq)
SPL7-SRX250135 wig
1.08
0.65
SPT6L_SRX5169086(SPT6L-GFP IP rep1)
SPT6L_SRX5169086 w
0.27
0.33
SPT6L_SRX5169087(SPT6L-GFP IP rep2)
SPT6L_SRX5169087 w
0.16
3.02
STZ_SRX6460108(STZ_AIR_ChIPseq_rep1)
STZ_SRX6460108 wig
1.76
1.85
STZ_SRX6460109(STZ_AIR_ChIPseq_rep2)
STZ_SRX6460109 wig
1.55
1.96
STZ_SRX6460110(STZ_AIR_ChIPseq_rep3)
STZ_SRX6460110 wig
1.04
1.96
STZ_SRX6460111(STZ_JA_2hr_ChIPseq_rep1)
STZ_SRX6460111 wig
1.68
2.06
TCP4_SRX4168241(mTCP4_ChIP)
TCP4_SRX4168241 wig
0.9
1.08
TFL1_ERX2826885(gTFL1-1xVenus_biorep1)
TFL1_ERX2826885 wig
0.58
0.48
TFL1_ERX2826887(gTFL1-1xVenus_biorep3)
TFL1_ERX2826887 wig
0.24