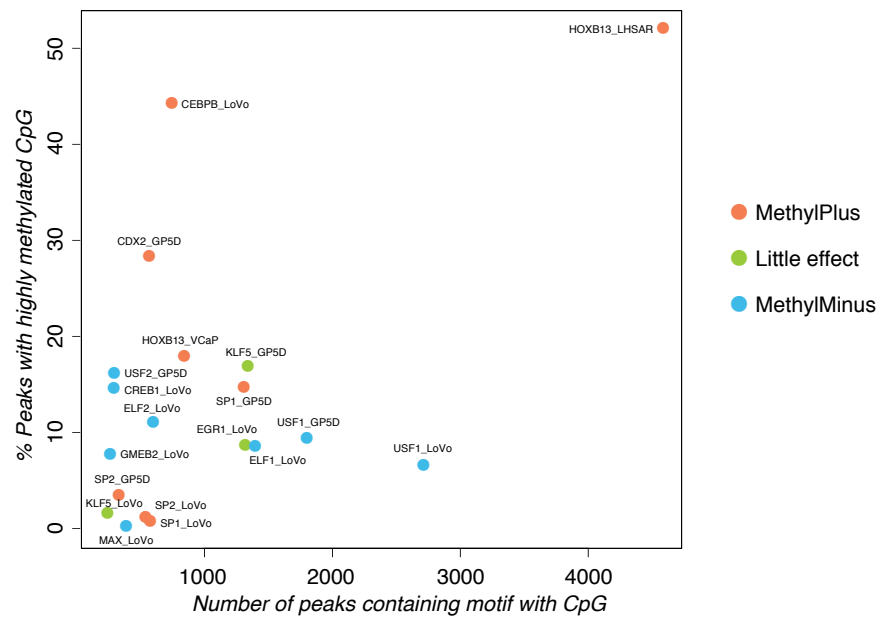


A

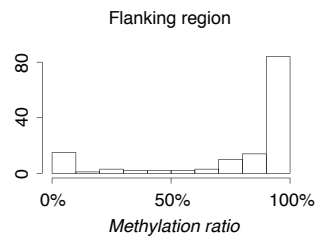
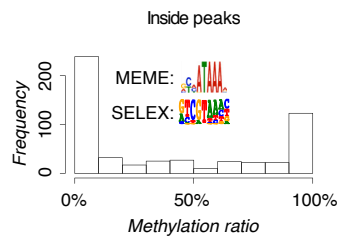


B

ChIP analysis in GP5D cells

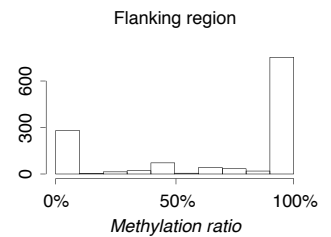
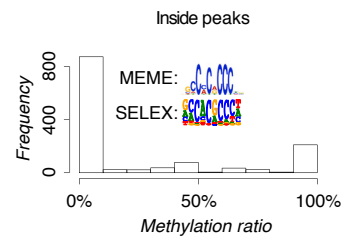
MethylPlus group TFs:

ChIP-seq: *CDX2-RTCGTAA*



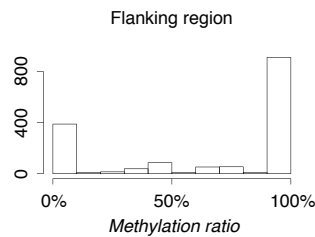
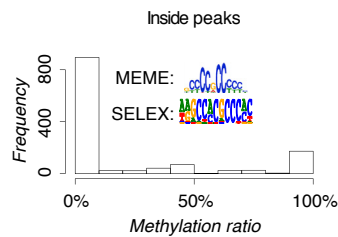
Little effect group TF:

ChIP-seq: *KLF5-CCMCGCCC*

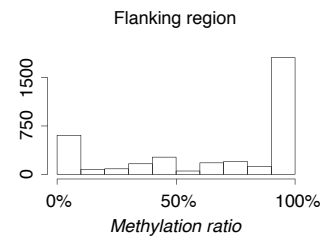
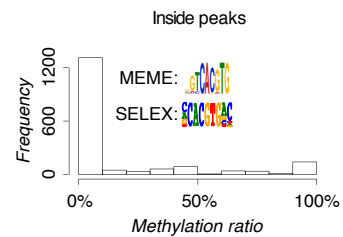


MethylMinus group TFs:

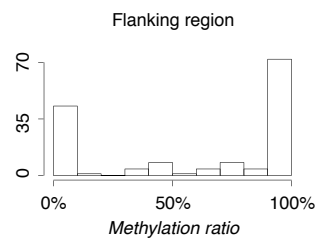
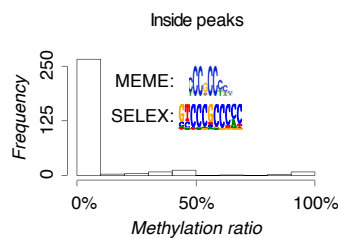
ChIP-seq: *SP1-RGCCMCGCCCMY*



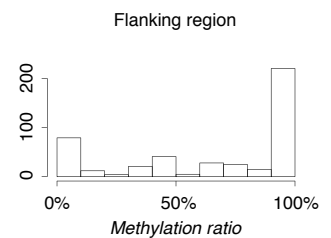
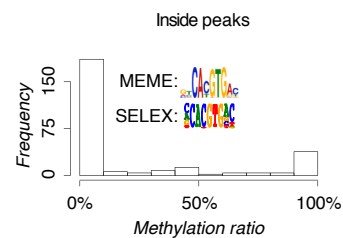
ChIP-seq: *USF1-CACGTGAY*



ChIP-seq: *SP2-GYCCMCGCCCMY*



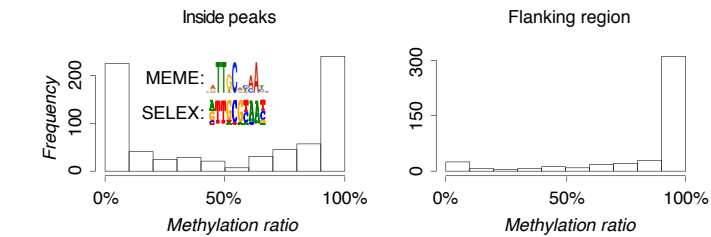
ChIP-seq: *USF2-CACGTGAY*



ChIP analysis in LoVo cells

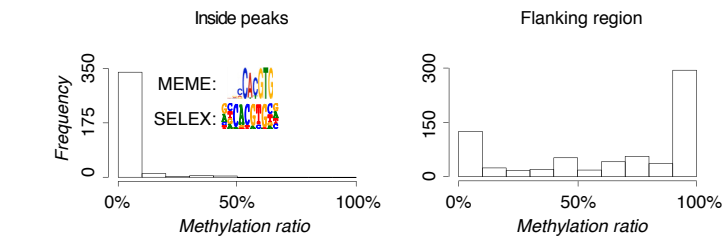
MethylPlus group TFs:

ChIP-seq/exo: *CEBPB-RTTGCGYAA*

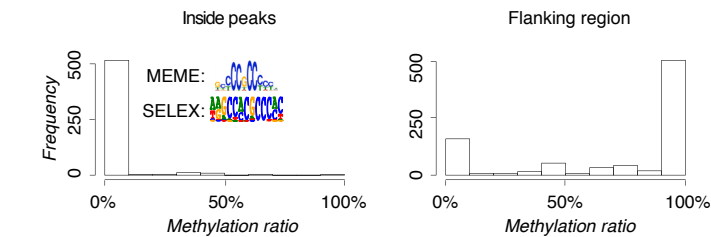


MethylMinus group TFs:

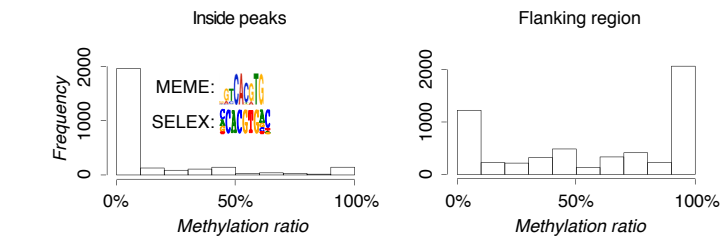
ChIP-exo: *MAX-YCACGTGC*



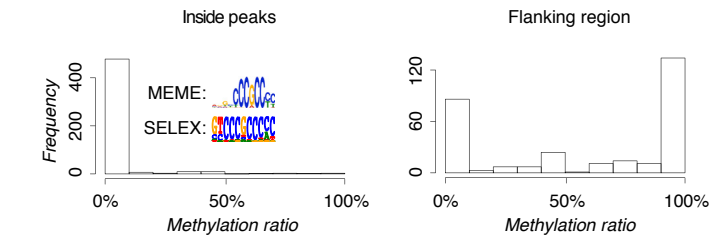
ChIP-seq: *SP1-RGCCMCGCCCMY*



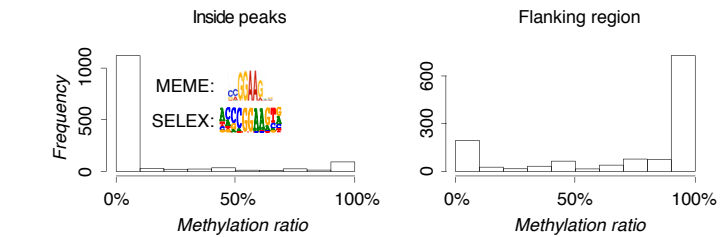
ChIP-seq: *USF1-CACGTGAY*



ChIP-seq: *SP2-GYCCMCGCCCMY*

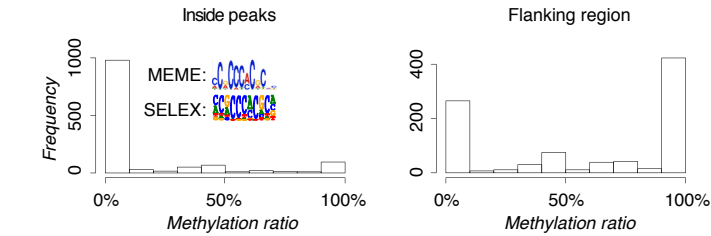


ChIP-seq: *ELF1-ACCCCGGAAGT*

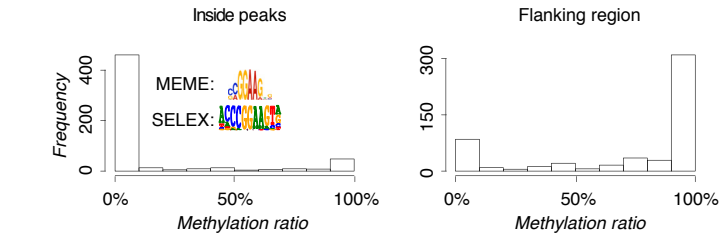


Little effect group TFs:

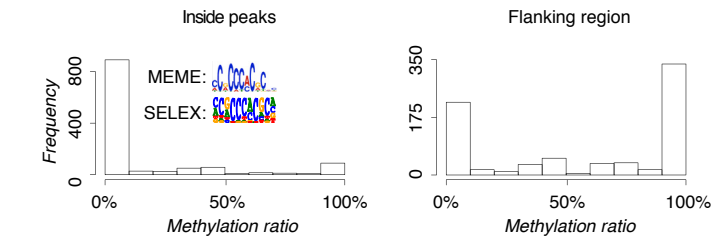
ChIP-seq: *EGR1-MCGCCCACGCM*



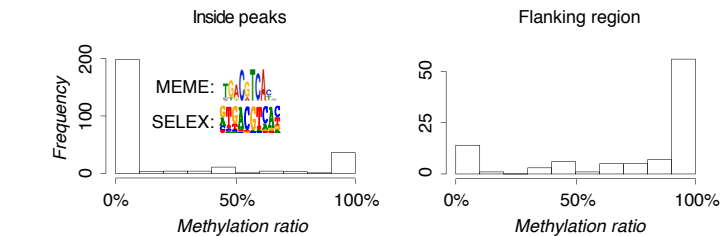
ChIP-seq: *ELF2-ACCCCGGAAGT*



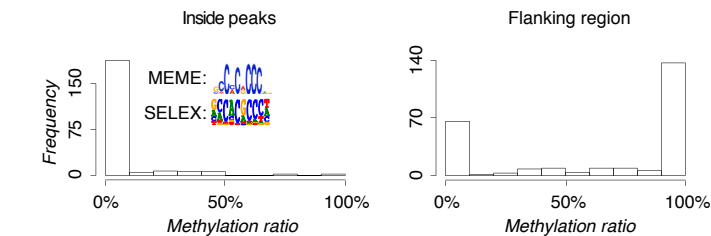
ChIP-seq: *EGR1-MCGCCCACGCM*



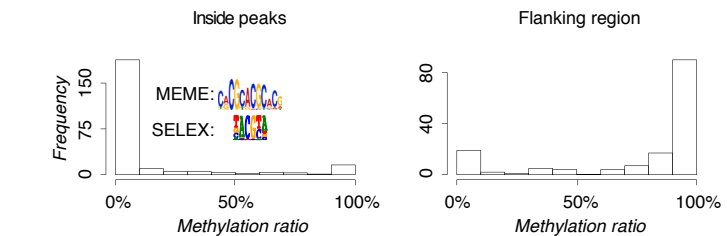
ChIP-seq: *CREB1-RTGACGTCAY*



ChIP-seq/exo: *KLF5-CCMCGCCC*

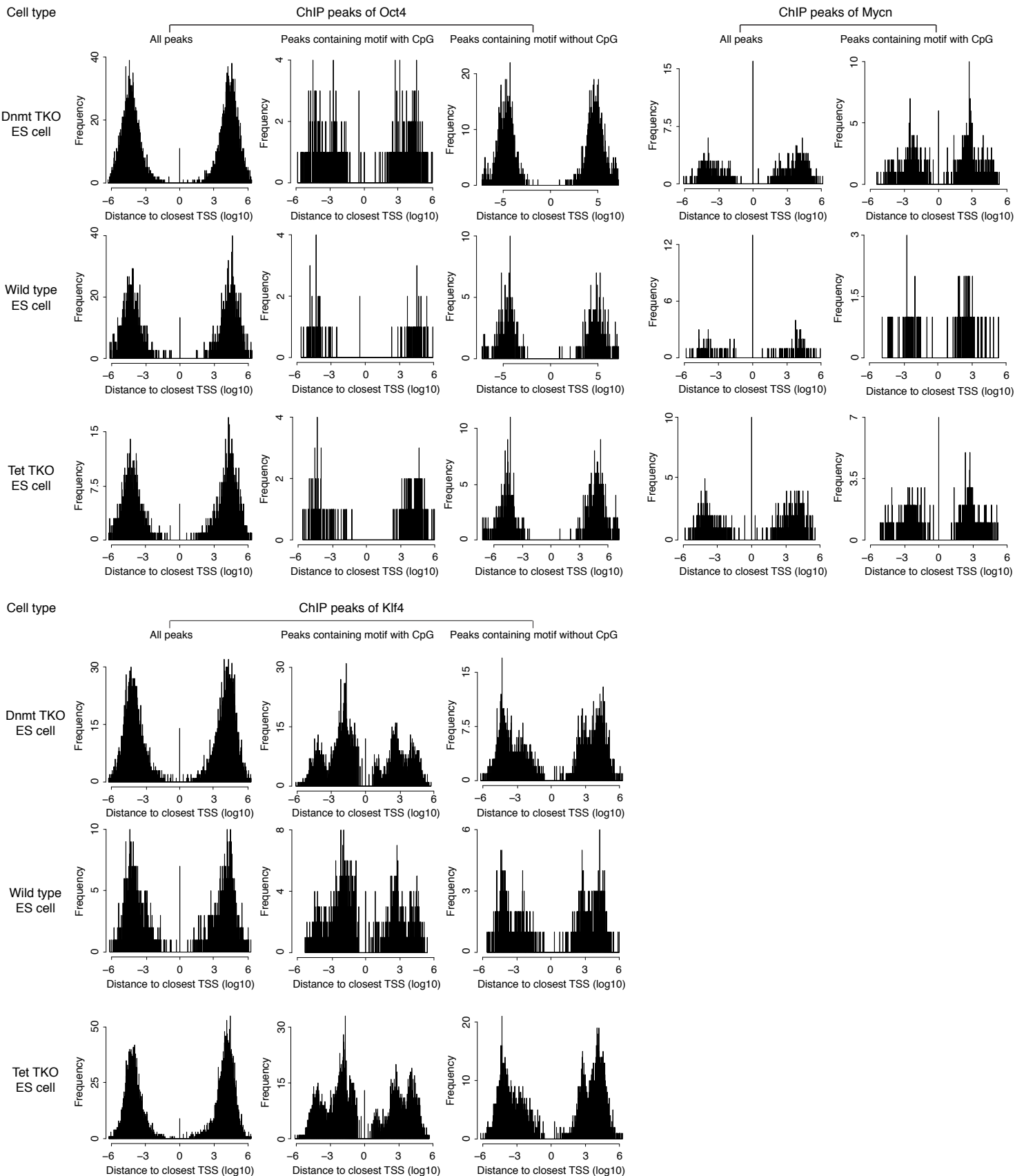


ChIP-seq: *GMEB2-TACGTA*

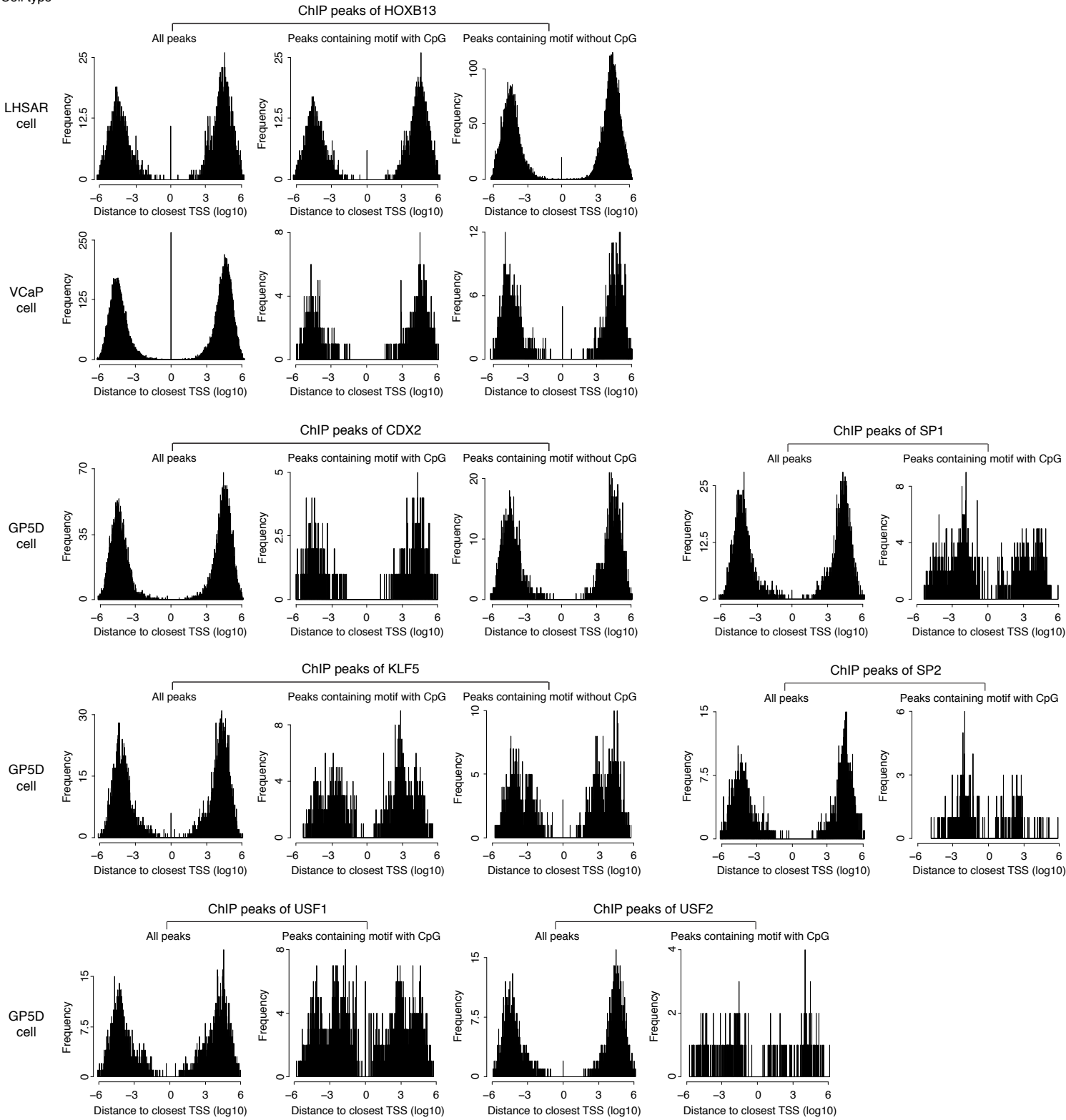


**C**

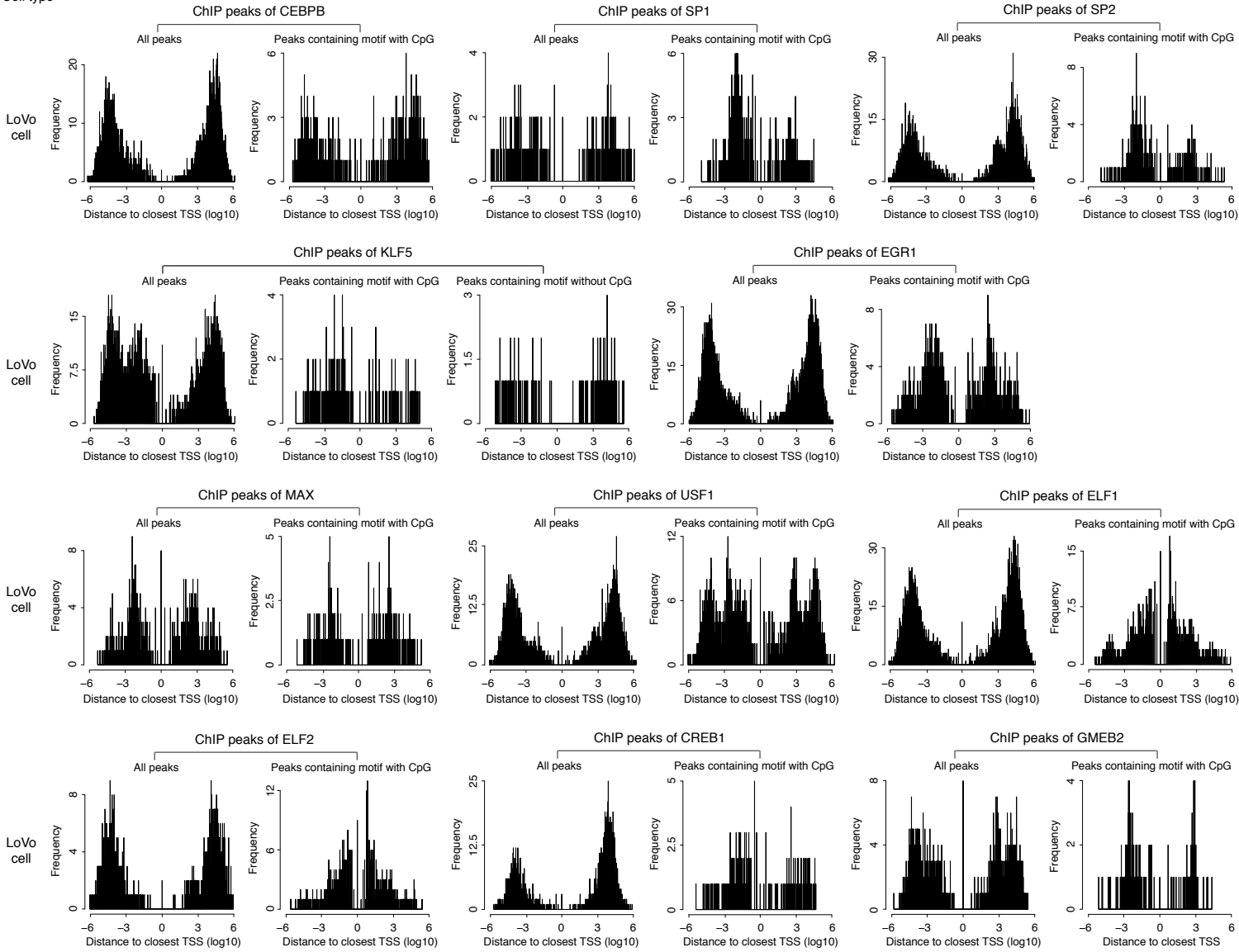
Cell type



Cell type

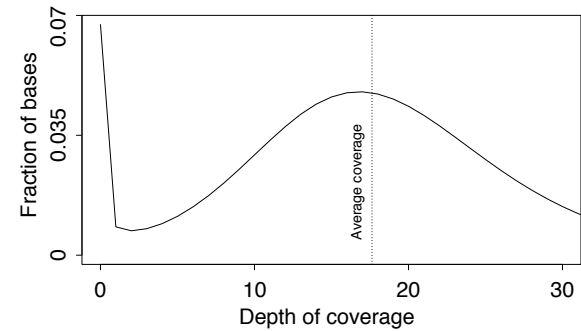


Cell type

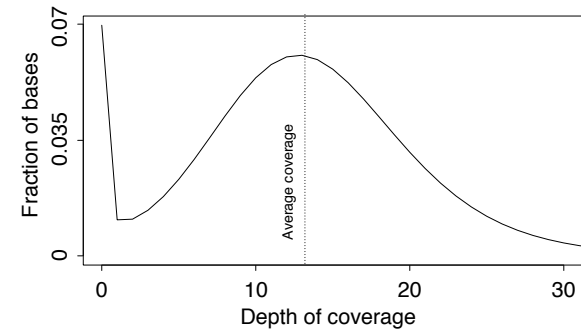


D

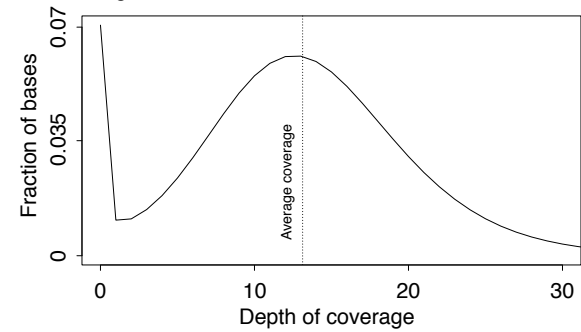
Data coverage for Dnmt TKO ES cell



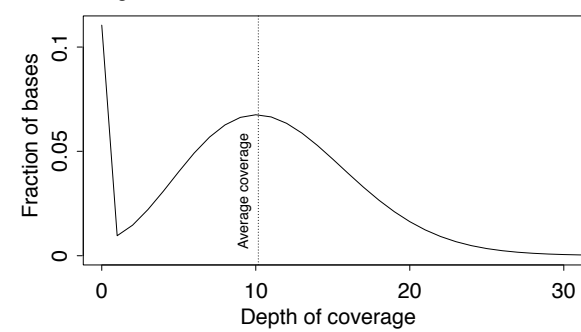
Data coverage for wild type ES cell



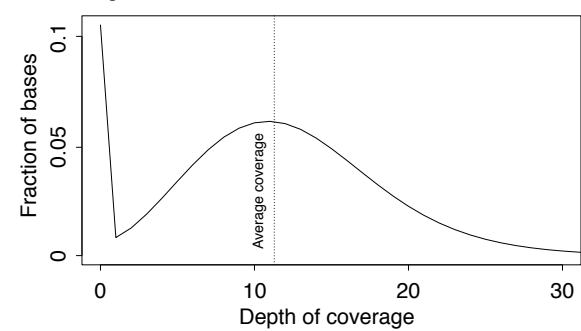
Data coverage for Tet TKO ES cell



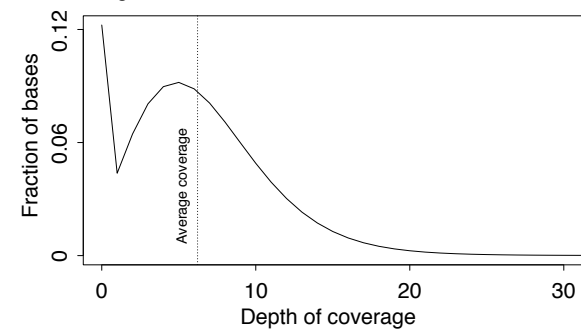
Data coverage for GP5D cell



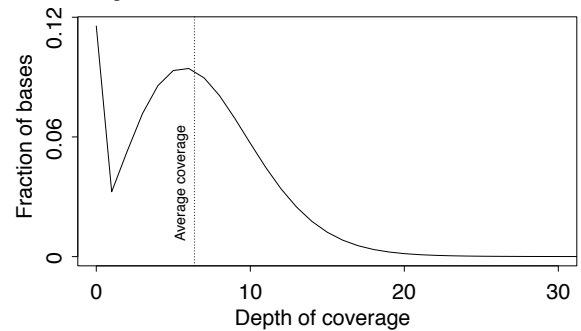
Data coverage for LoVo cell



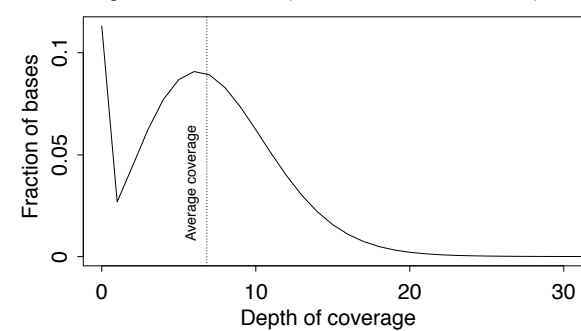
Data coverage for VCaP cell



Data coverage for LHSAR cell

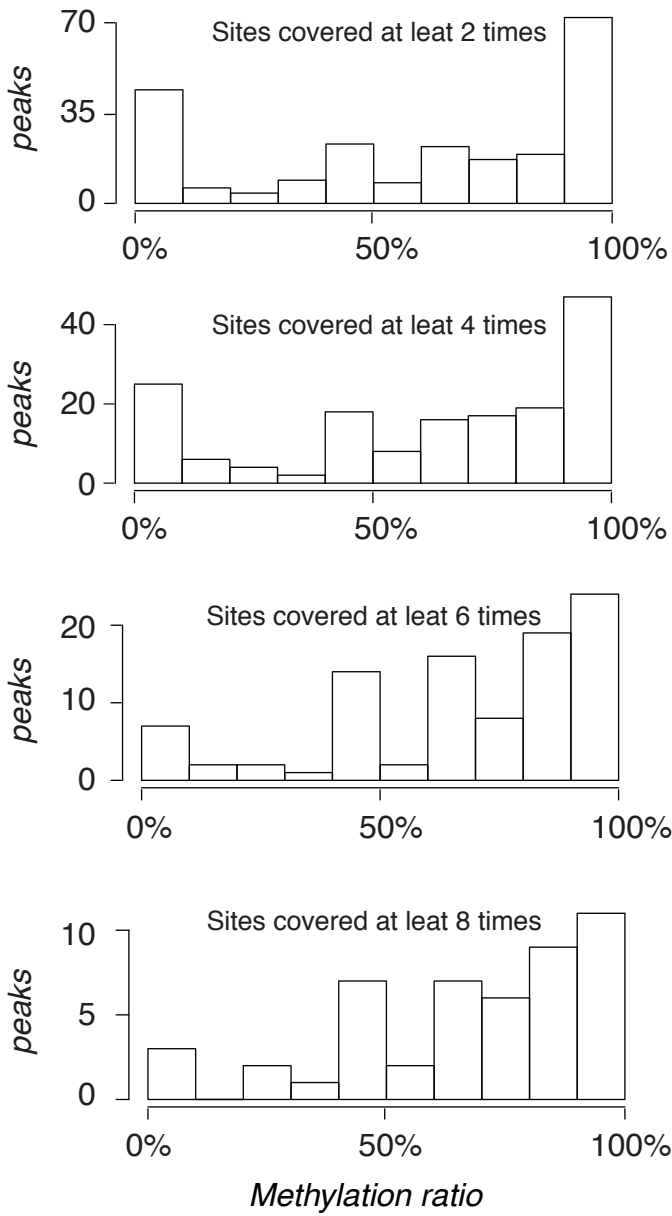


Data coverage for LHSAR cell (with HOXB13 transfected)



ChIP in Tet TKO ES cells

TATG**CG**CATA



ChIP in DnmtTKO ES cells

TATG**CG**CATA

