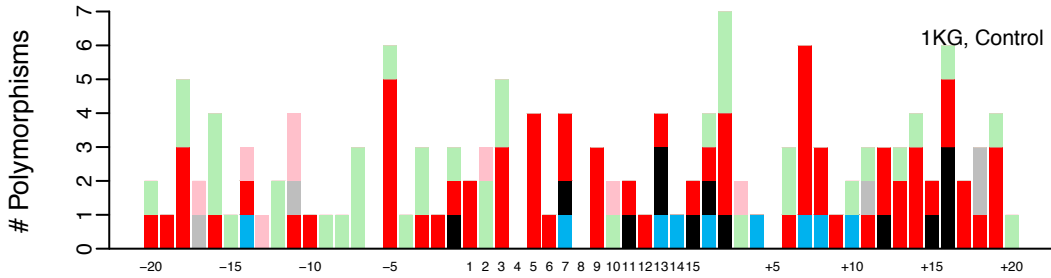
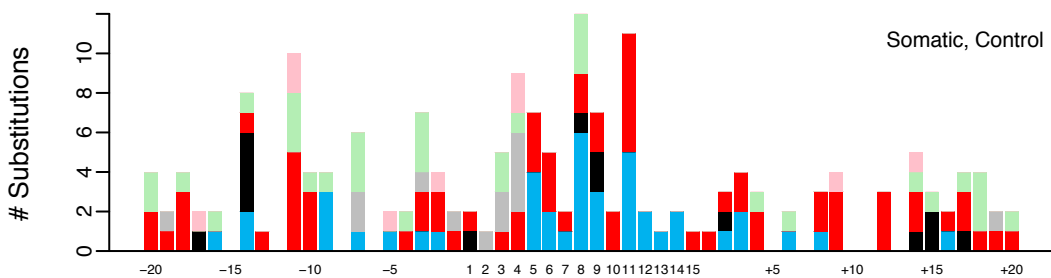
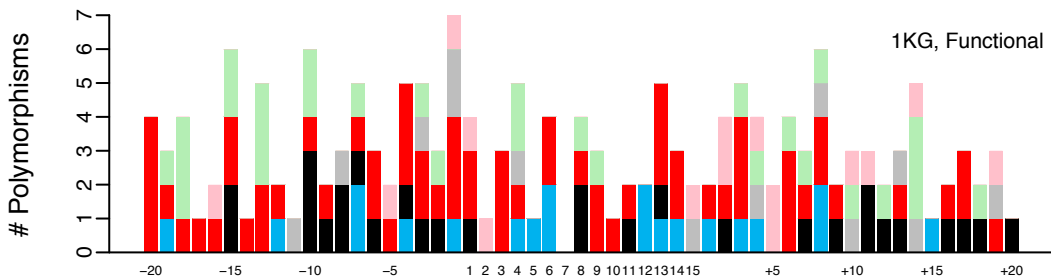
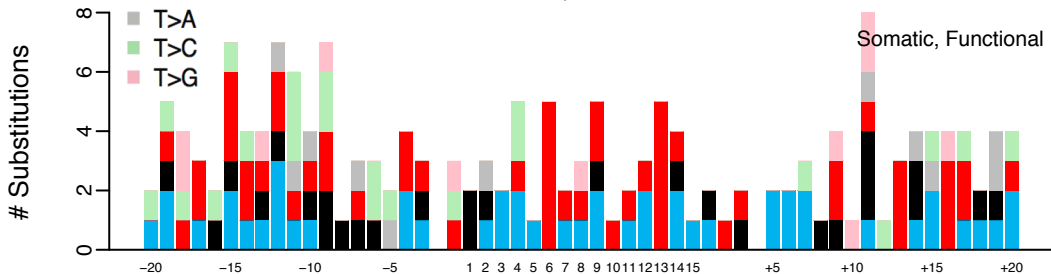


Legend

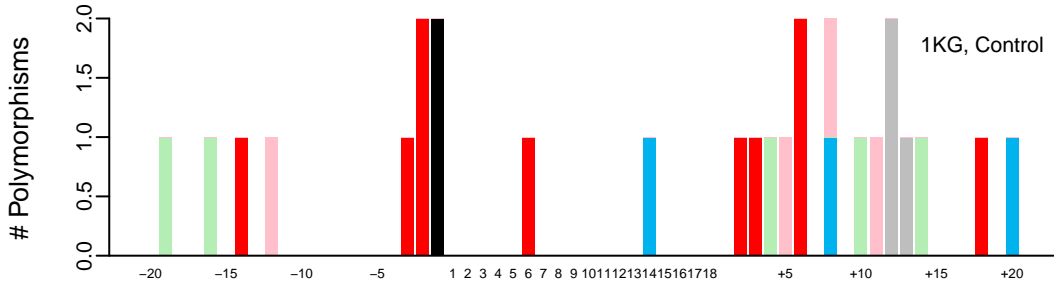
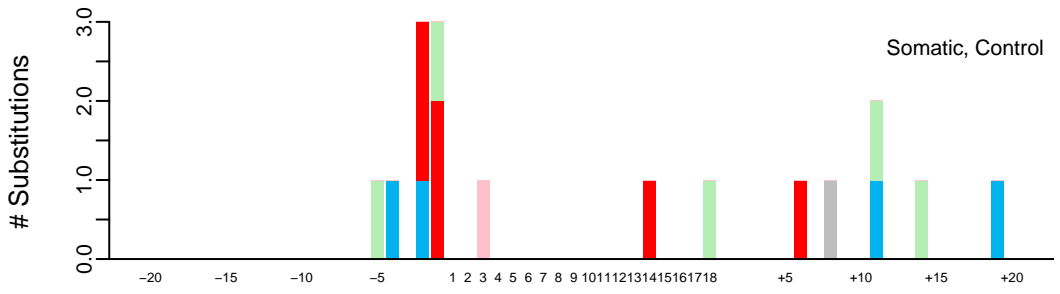
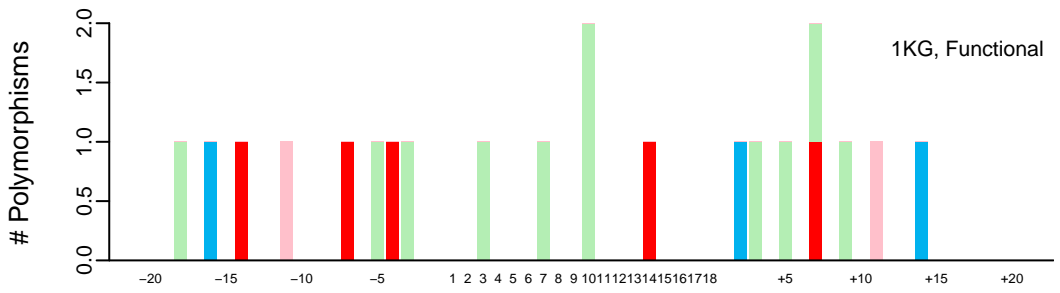
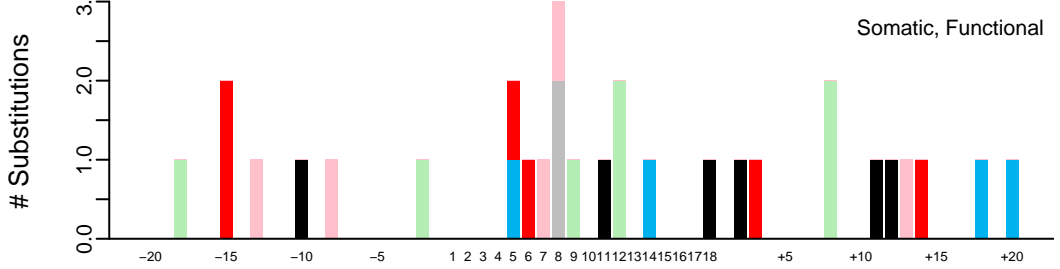
- C>A
- C>G
- C>T
- T>A
- T>C
- T>G

TFAP2A, MA0003.2



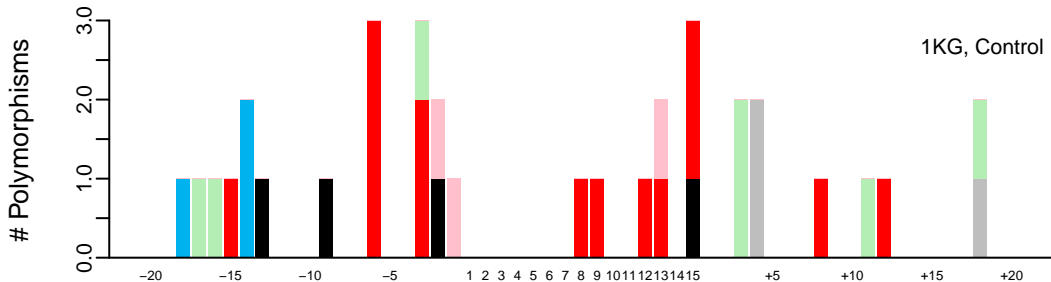
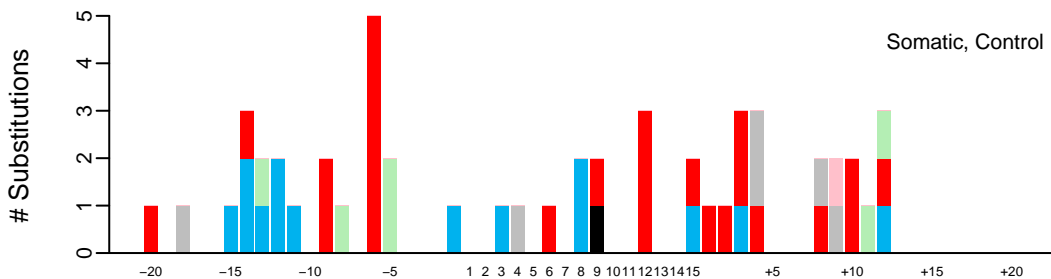
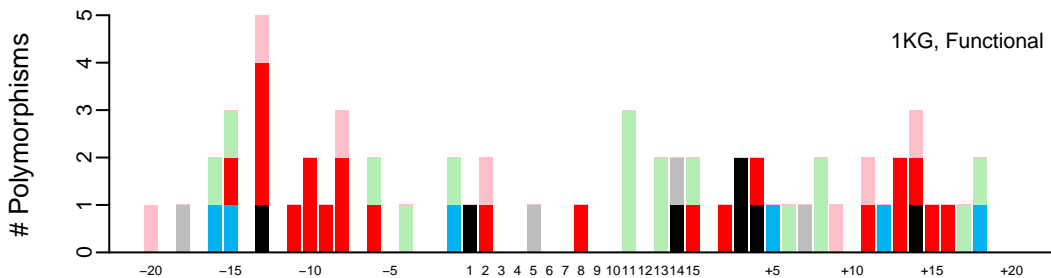
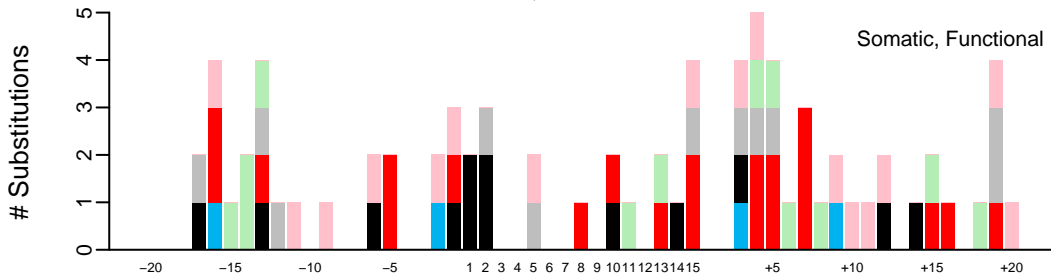
MOTIF POSITION

MEF2A, MA0005.2



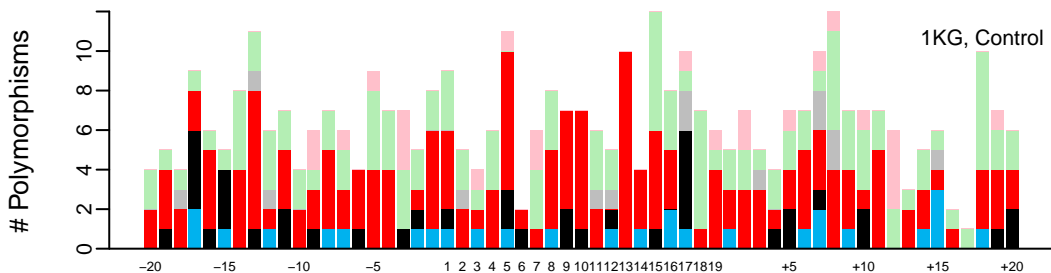
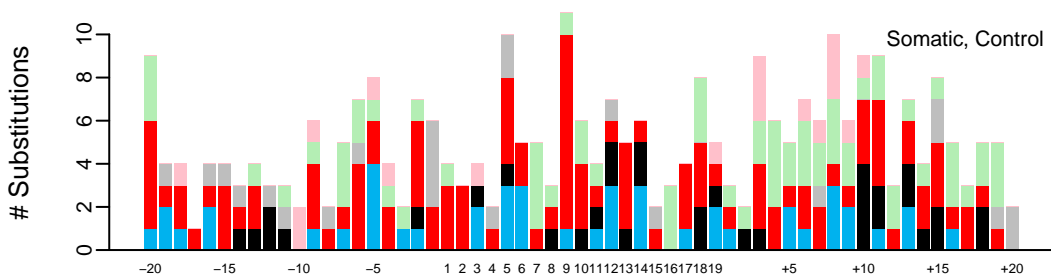
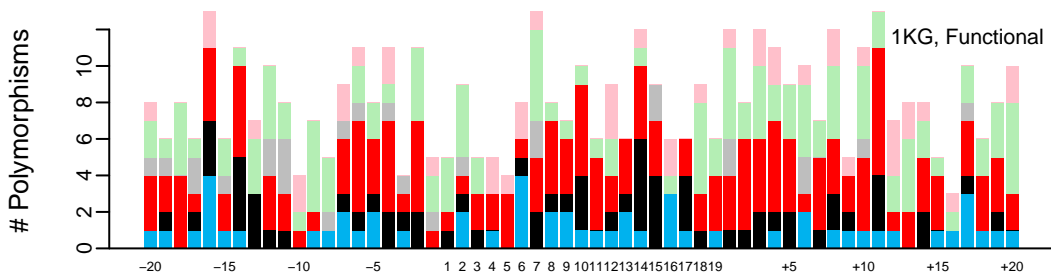
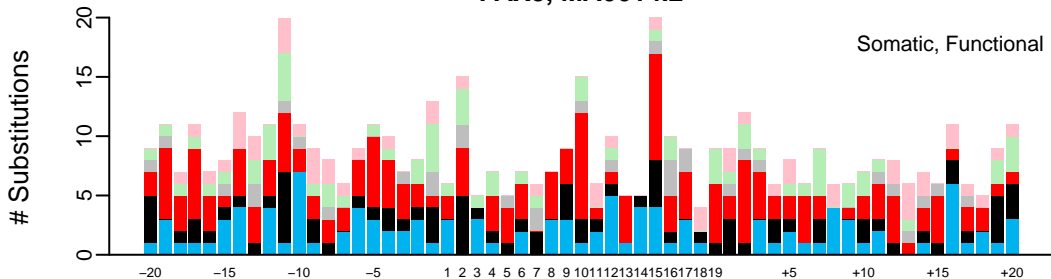
MOTIF POSITION

AR, MA0007.2



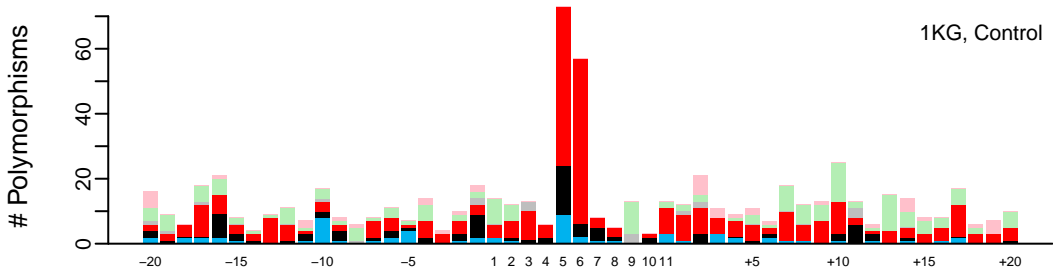
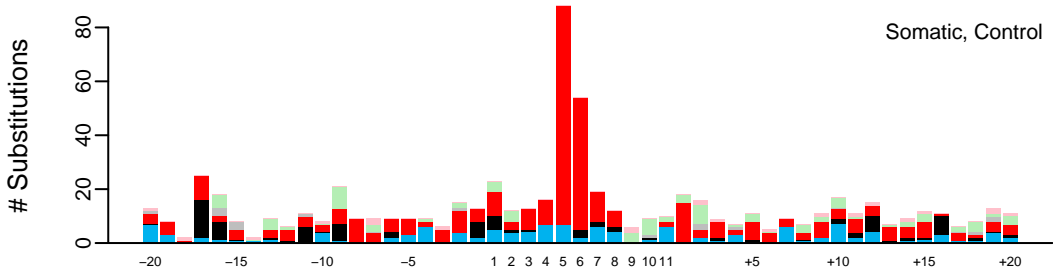
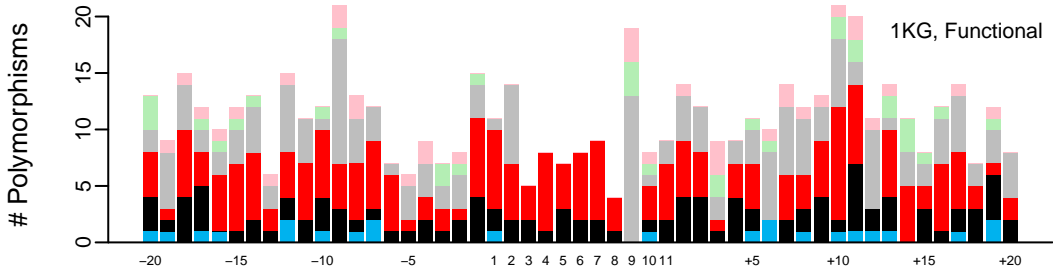
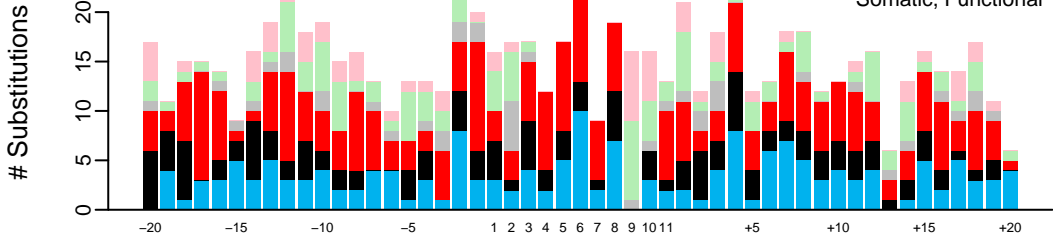
MOTIF POSITION

PAX5, MA0014.2



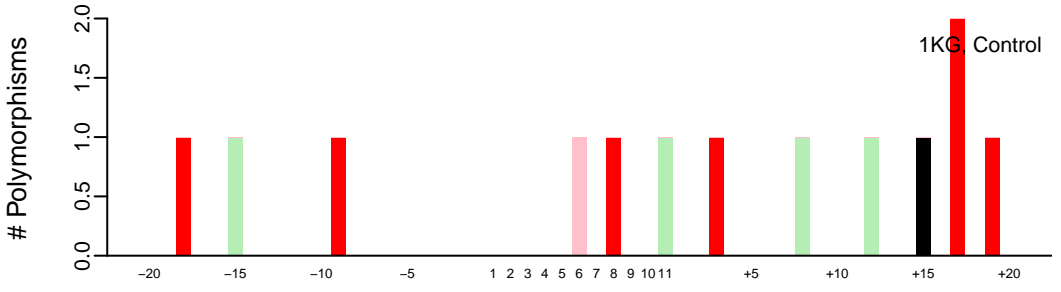
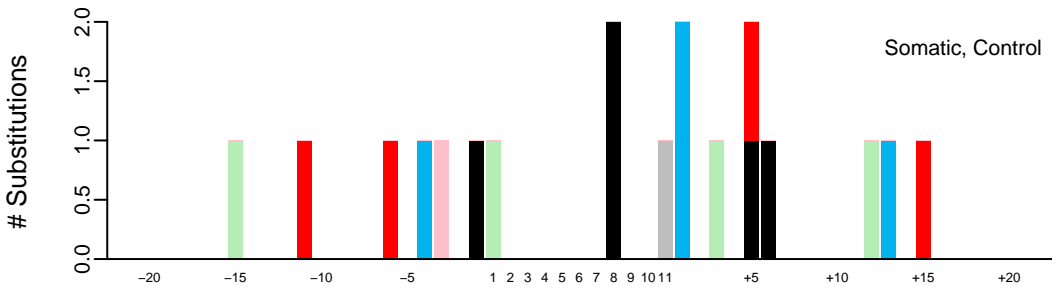
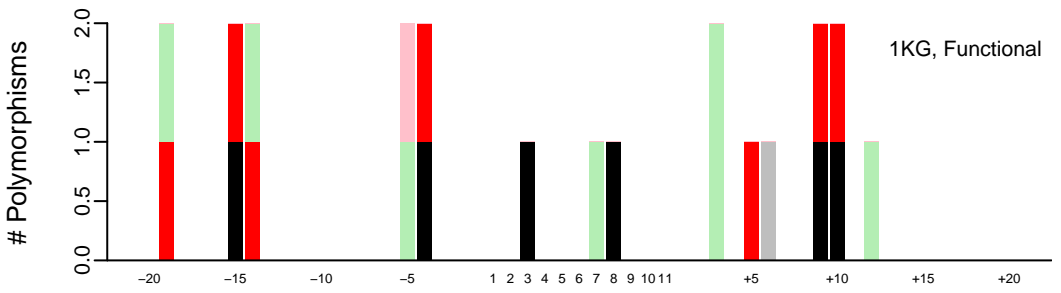
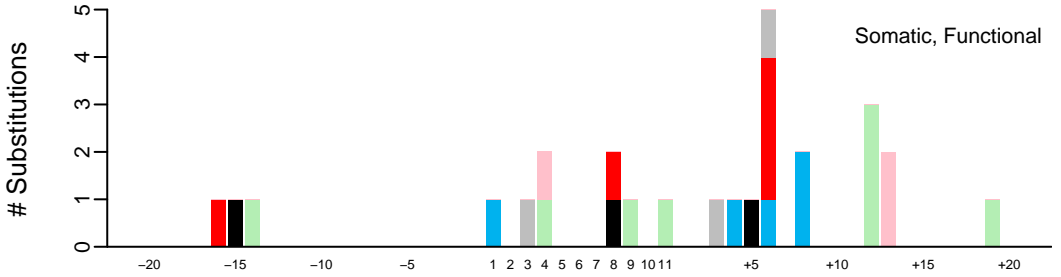
MOTIF POSITION

E2F1, MA0024.2



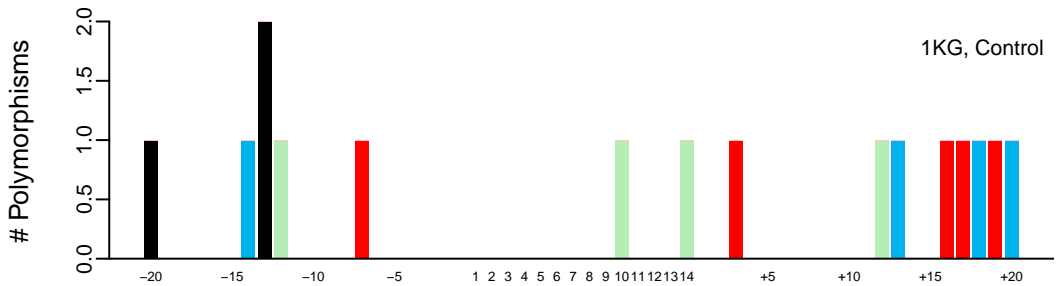
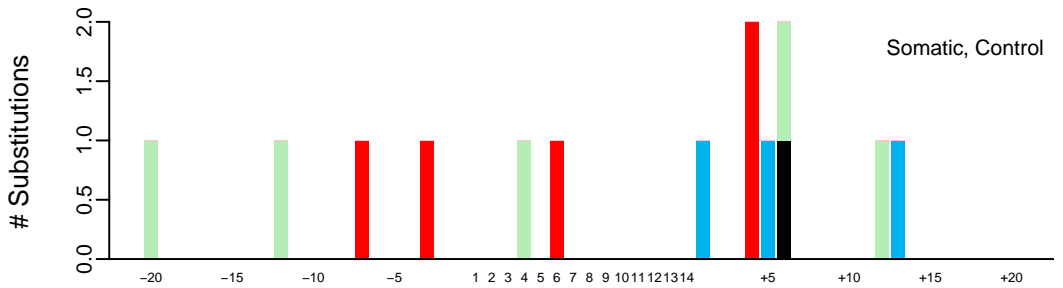
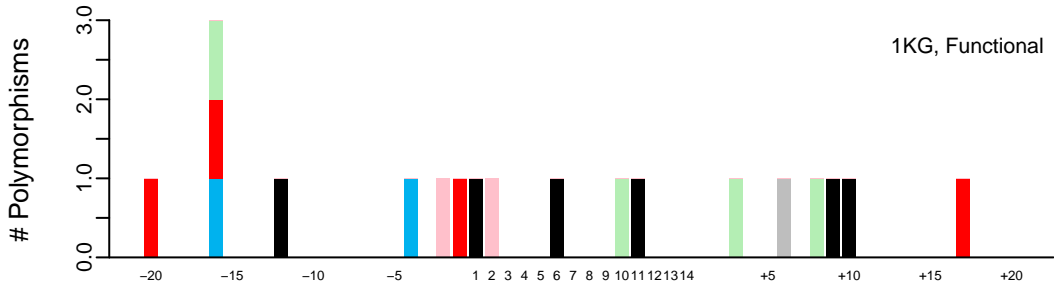
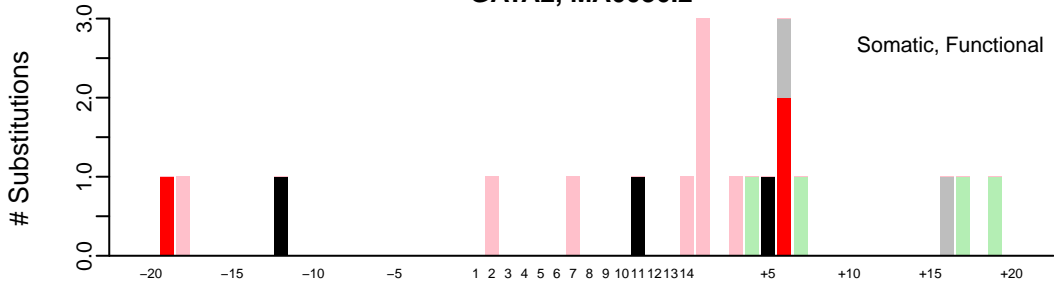
MOTIF POSITION

GATA1, MA0035.3



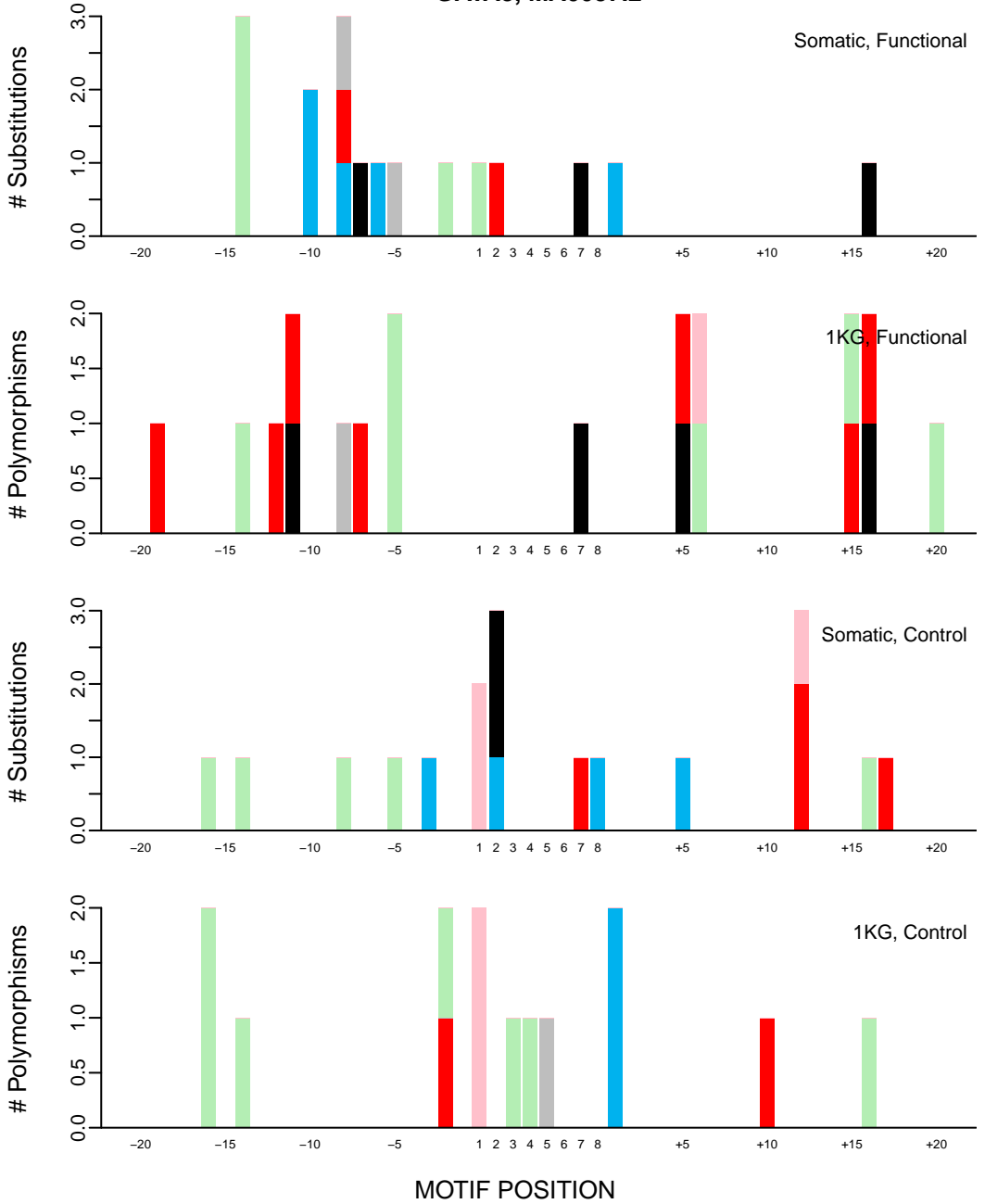
MOTIF POSITION

GATA2, MA0036.2

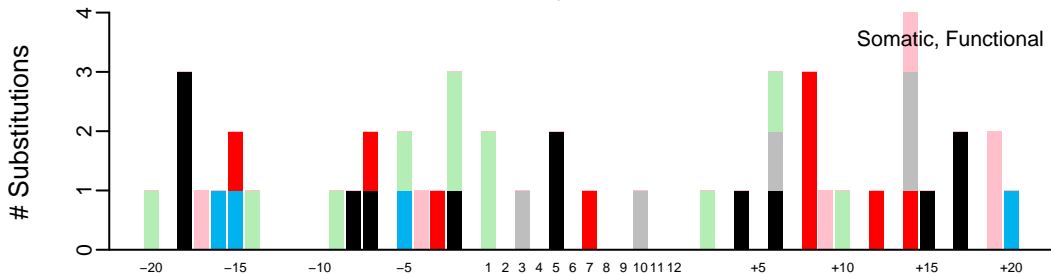


MOTIF POSITION

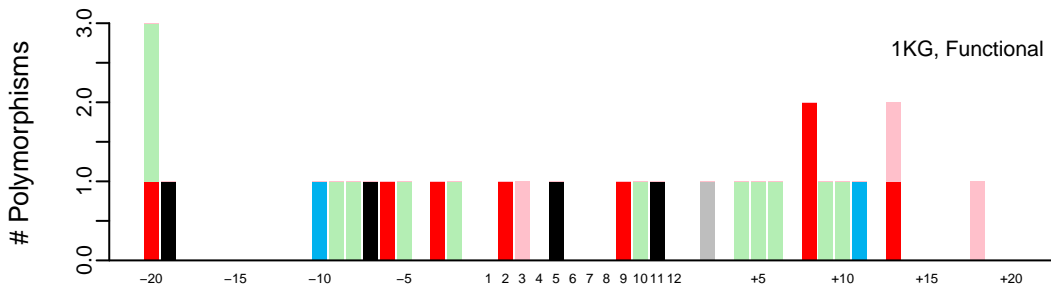
GATA3, MA0037.2



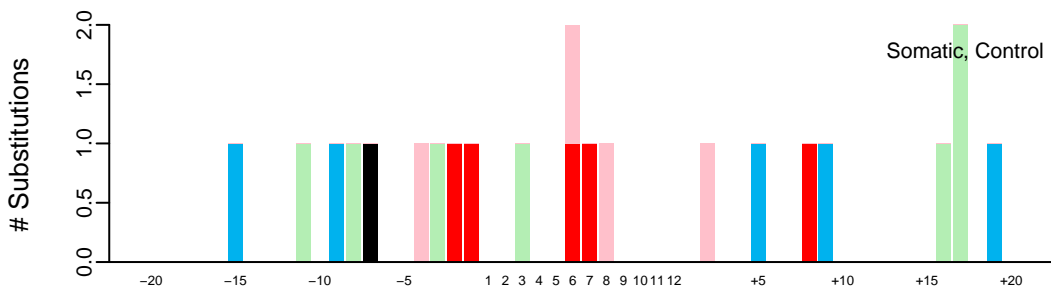
FOXA2, MA0047.2



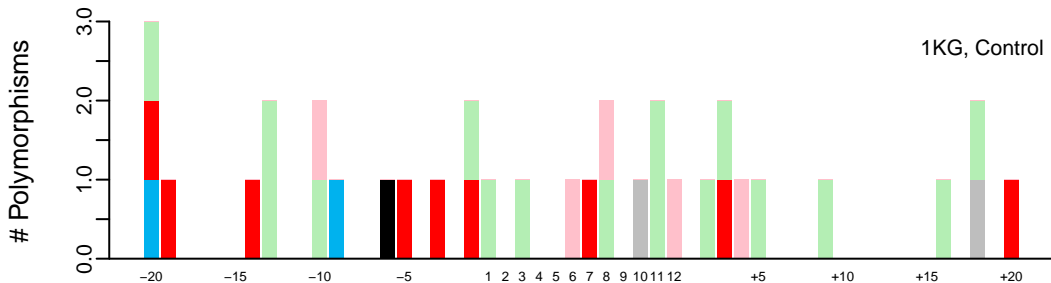
Somatic, Functional



1KG, Functional



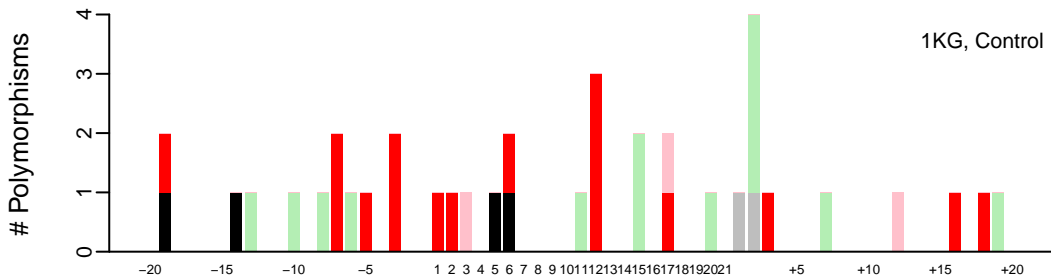
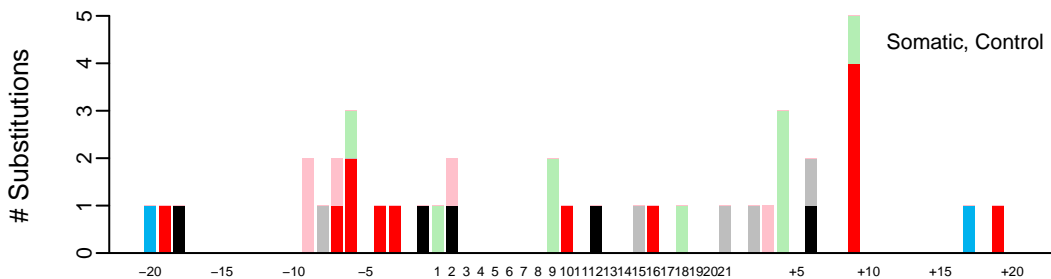
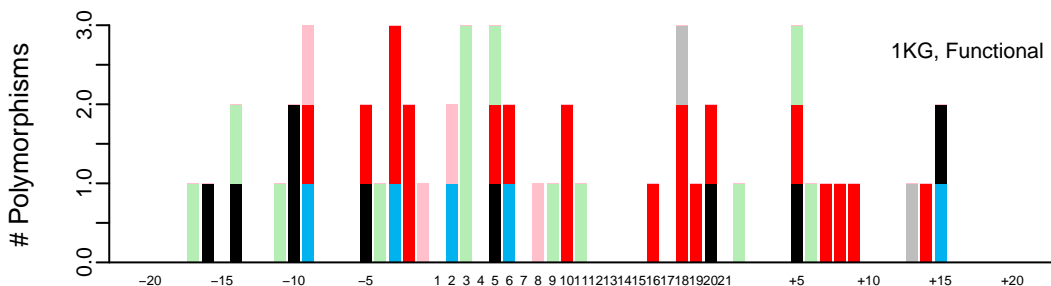
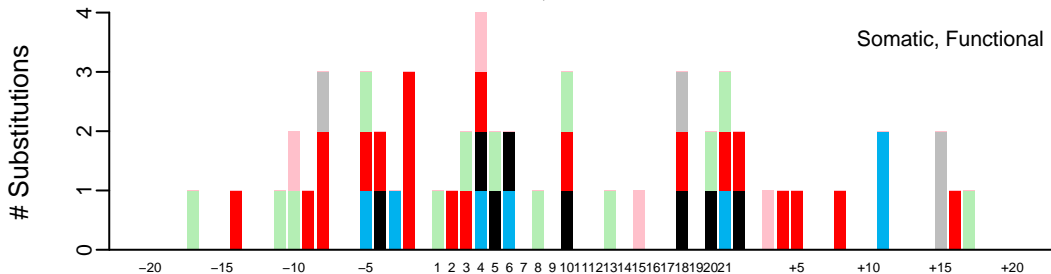
Somatic, Control



1KG, Control

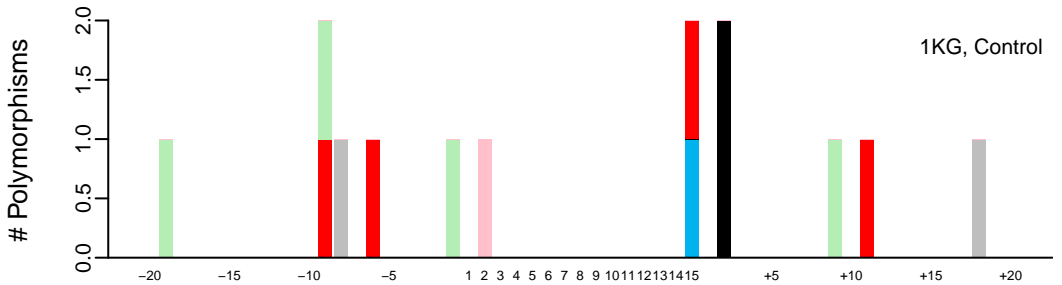
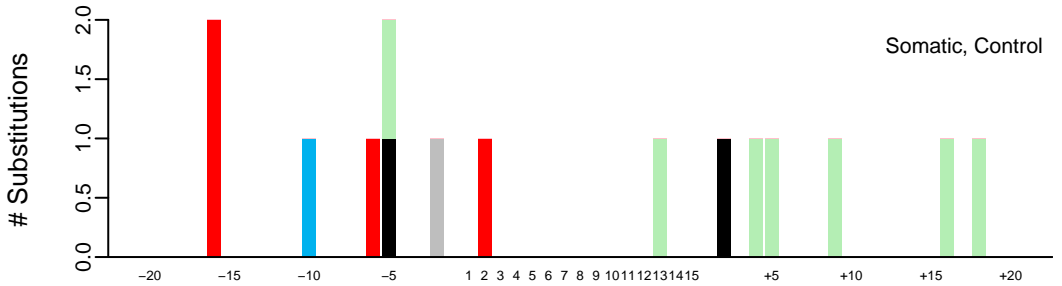
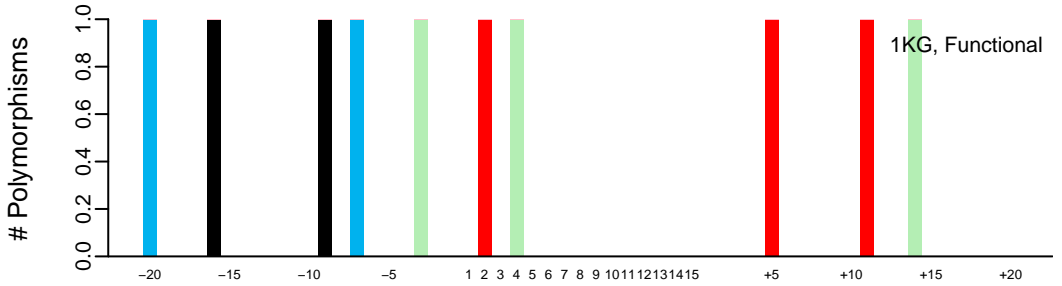
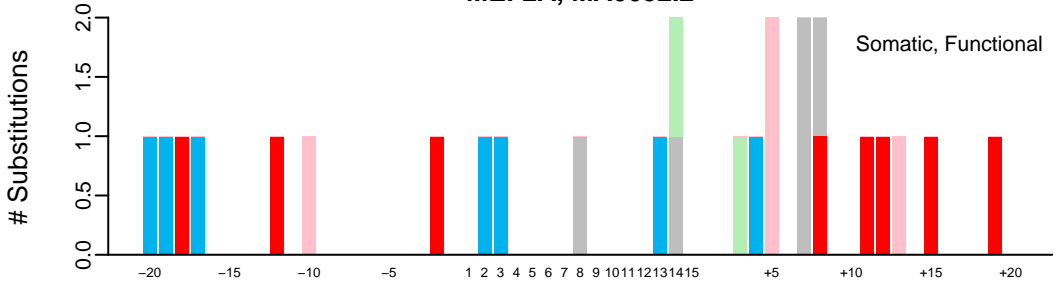
MOTIF POSITION

IRF1, MA0050.2



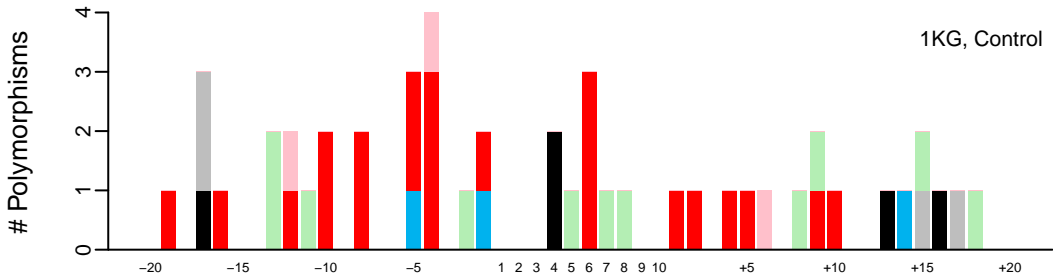
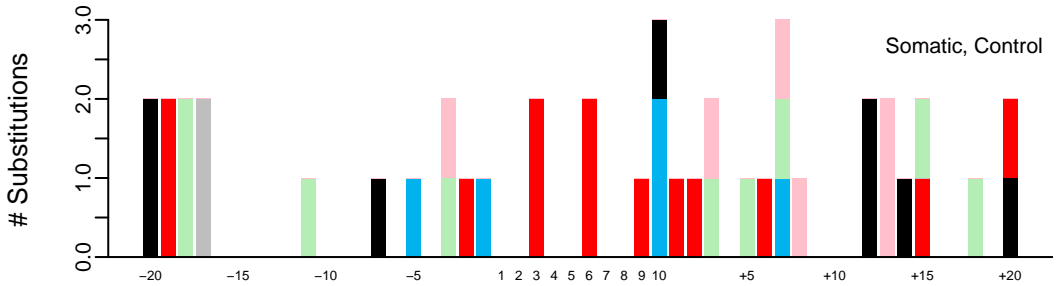
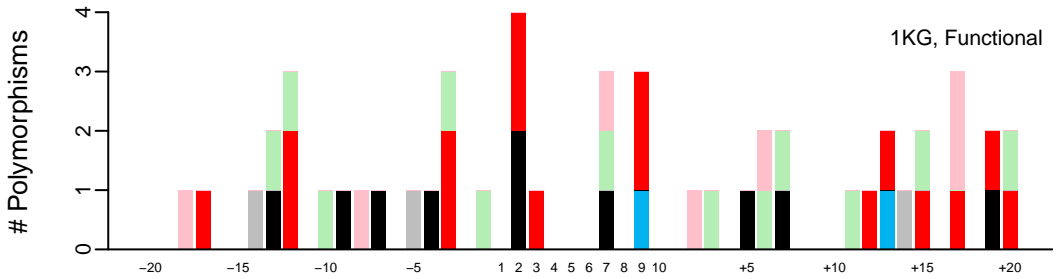
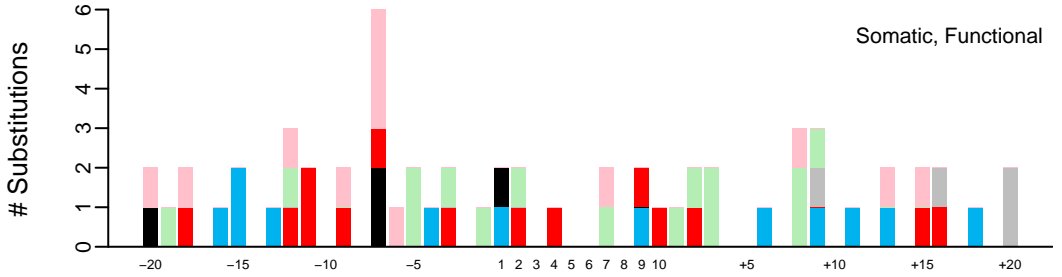
MOTIF POSITION

MEF2A, MA0052.2



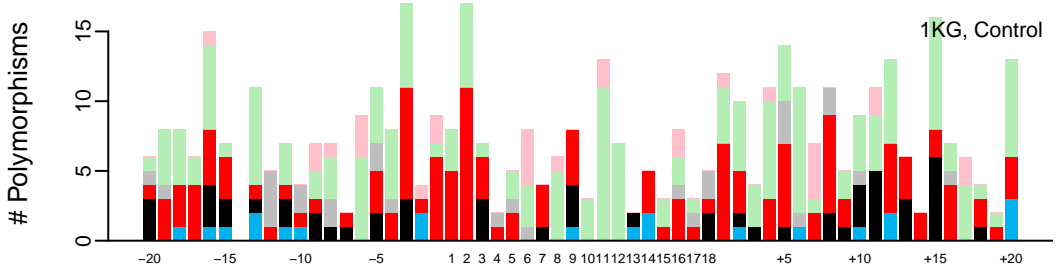
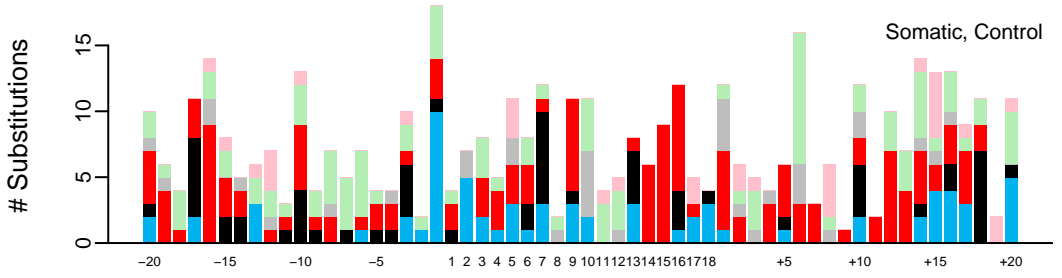
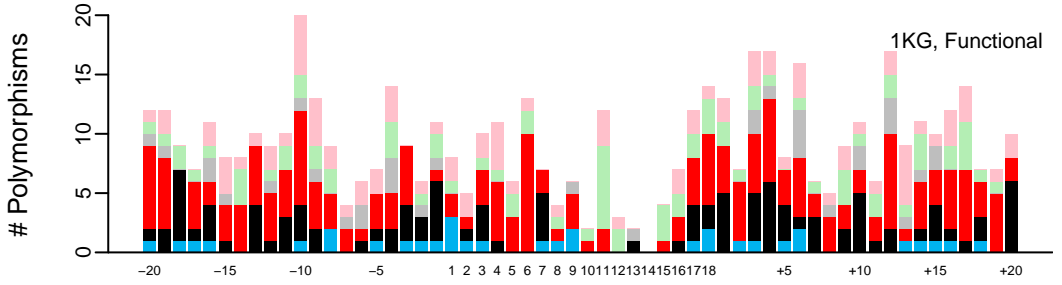
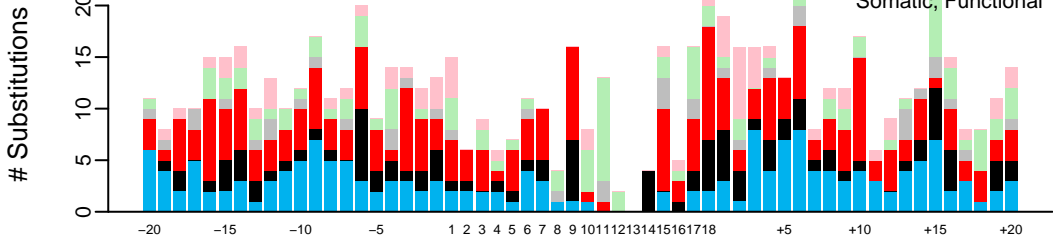
MOTIF POSITION

MAX, MA0058.2



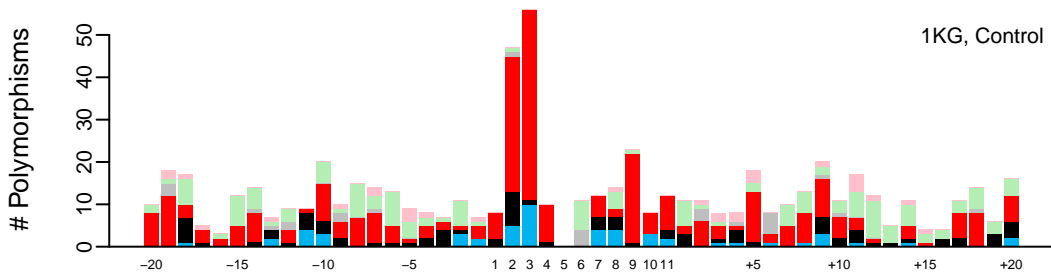
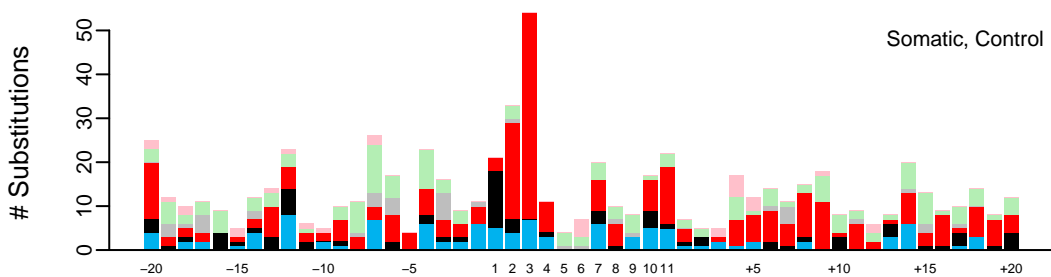
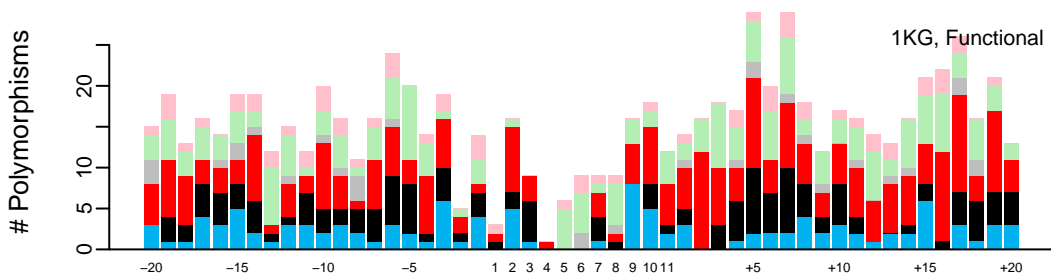
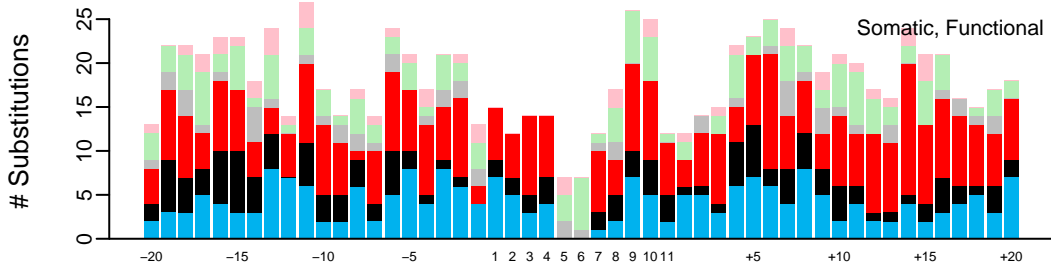
MOTIF POSITION

NFYA, MA0060.2



MOTIF POSITION

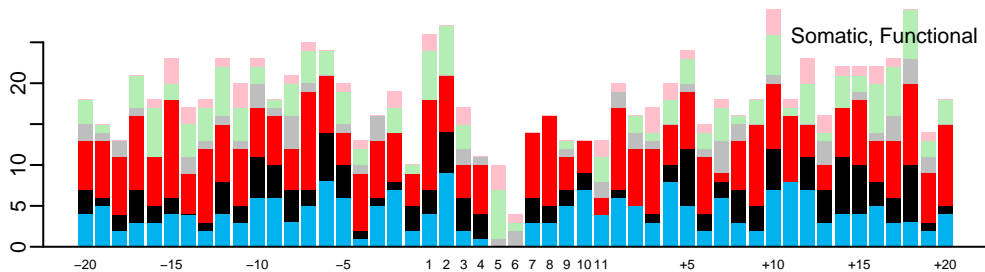
GABP, MA0062.2



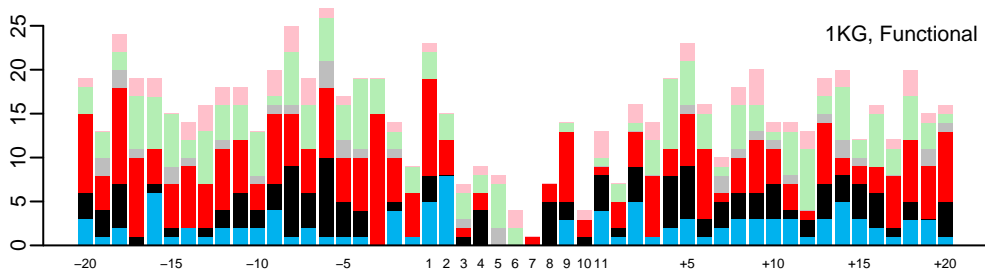
MOTIF POSITION

ELK4, MA0076.2

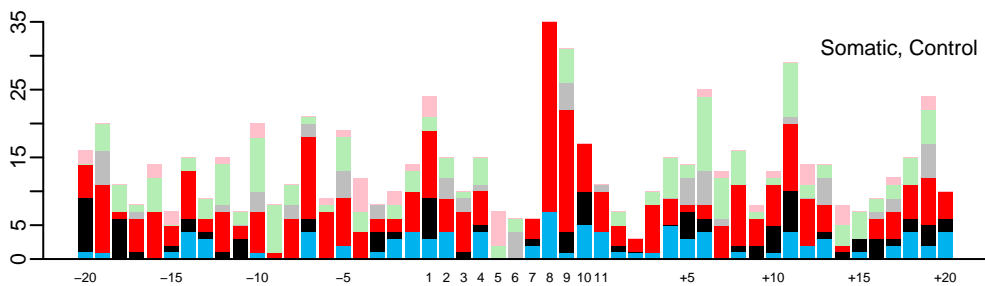
Substitutions



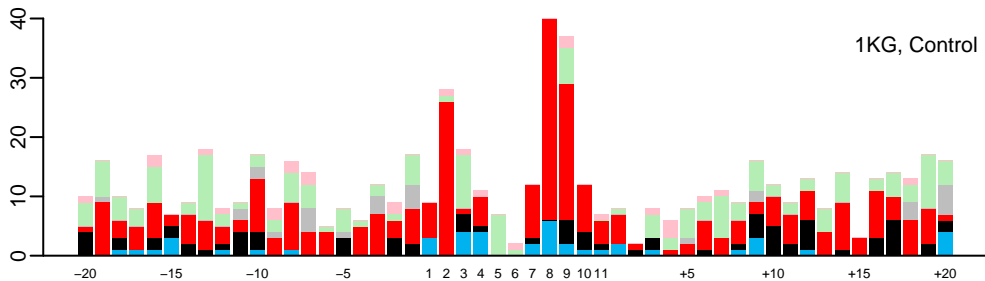
Polymorphisms



Substitutions

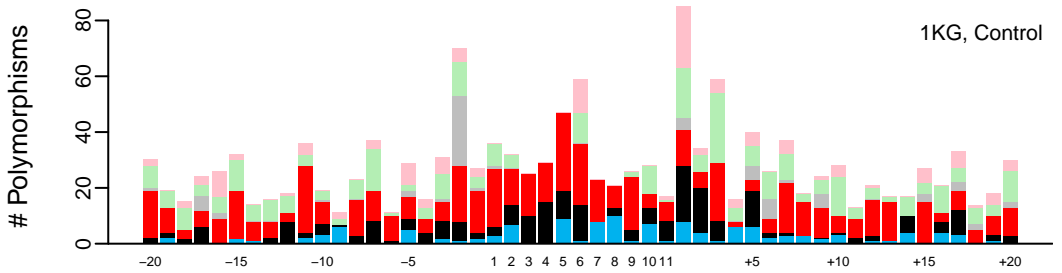
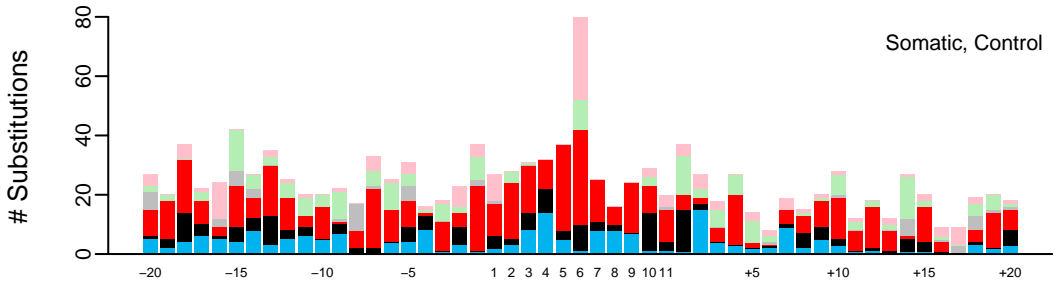
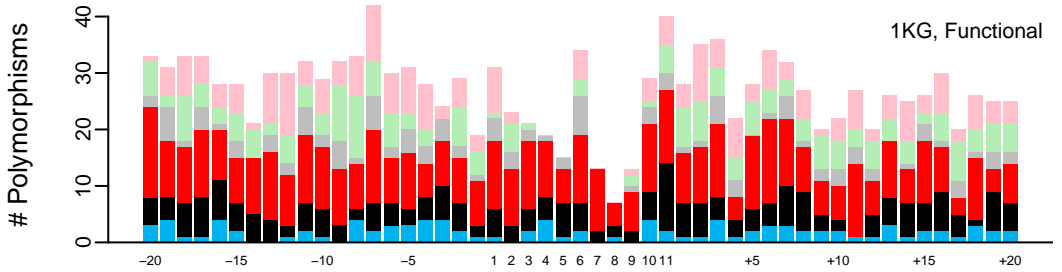
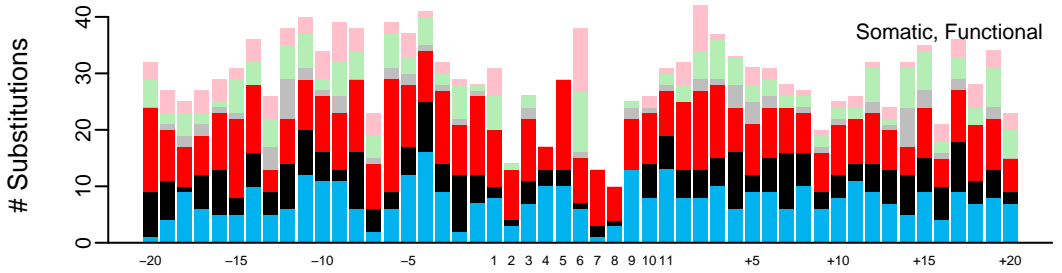


Polymorphisms

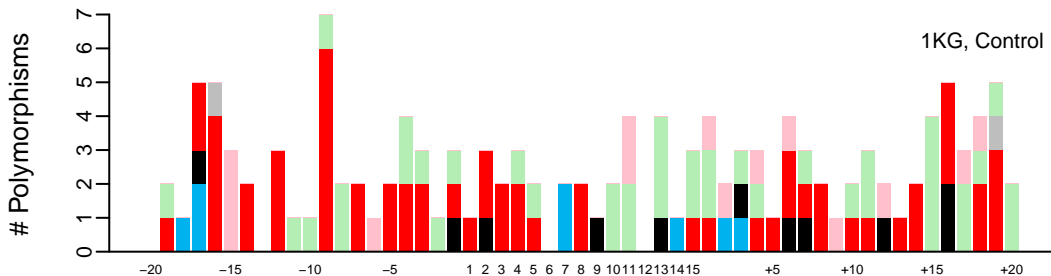
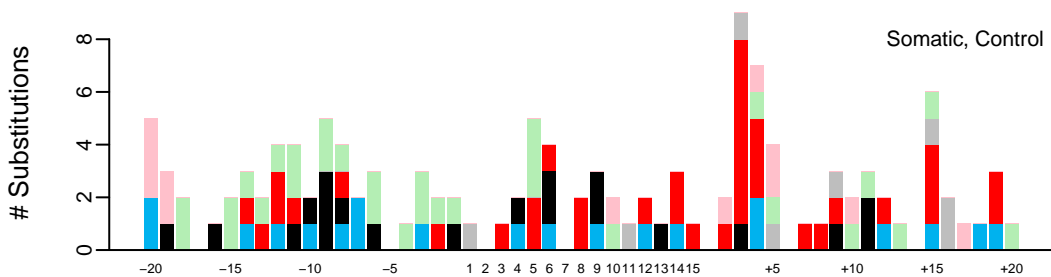
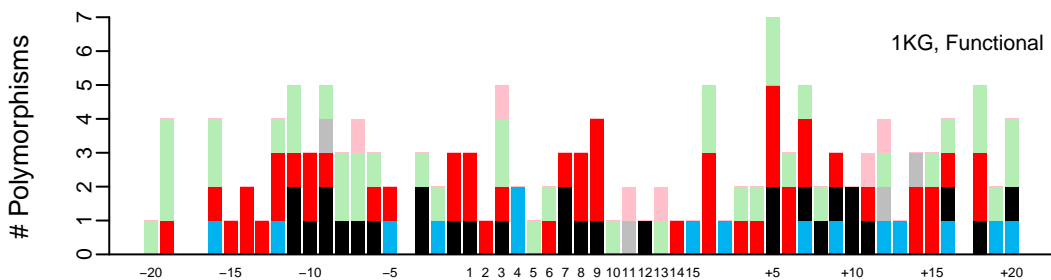
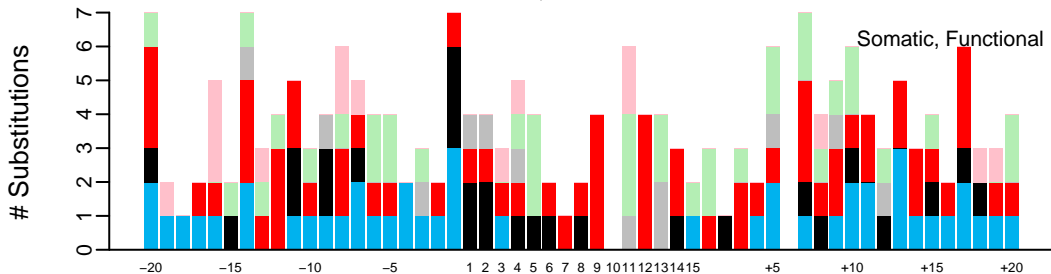


MOTIF POSITION

SP1, MA0079.3

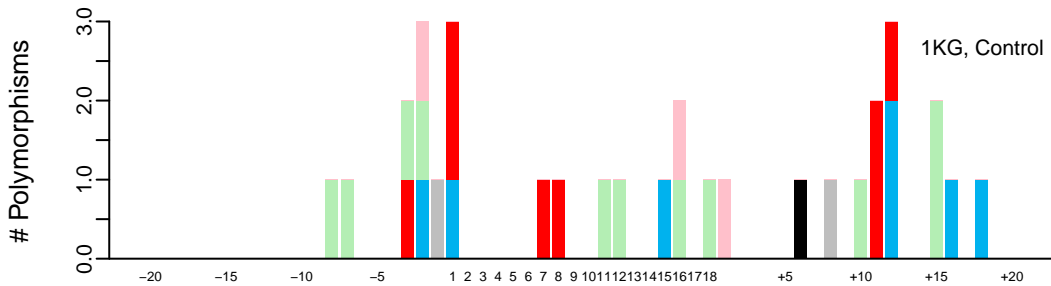
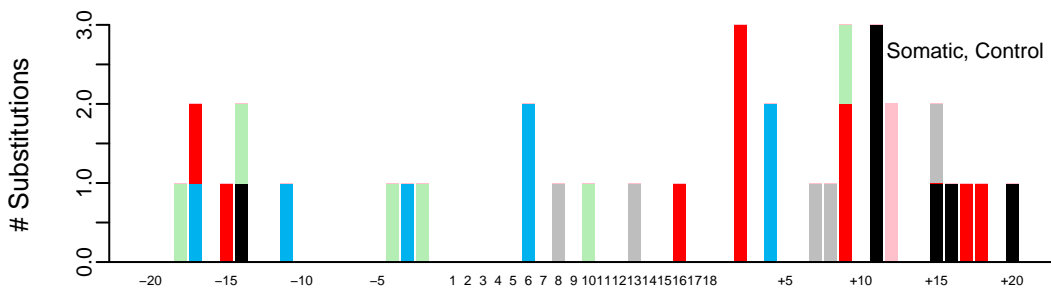
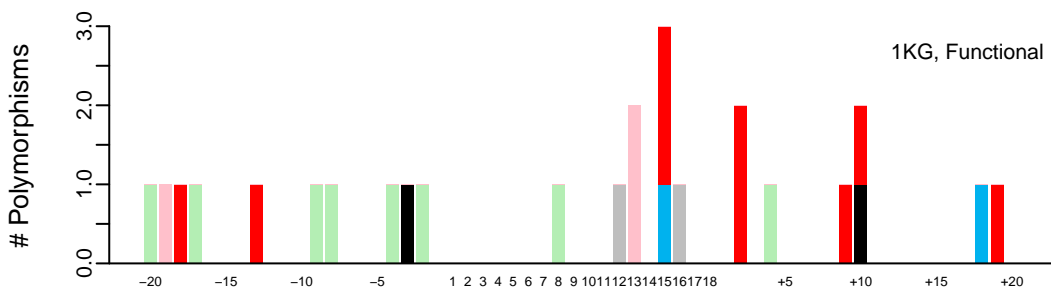
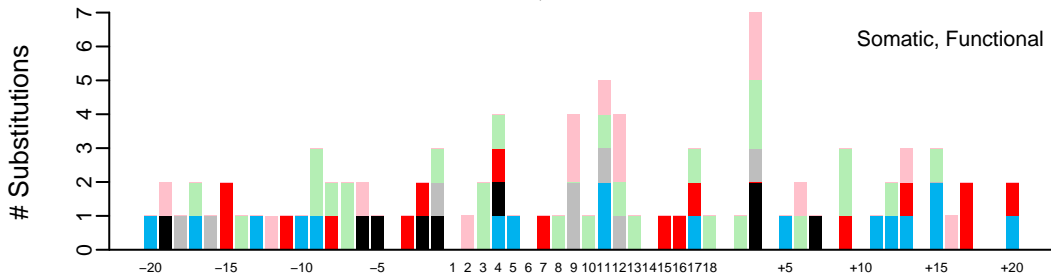


PU1, MA0080.3



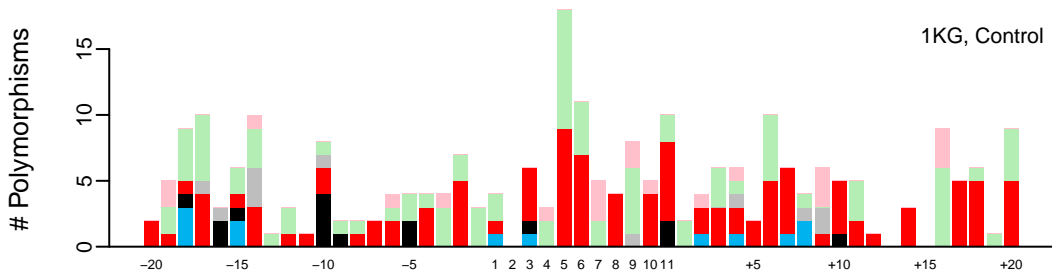
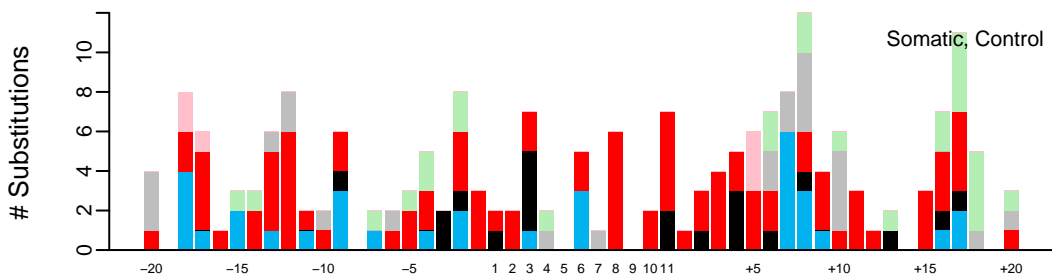
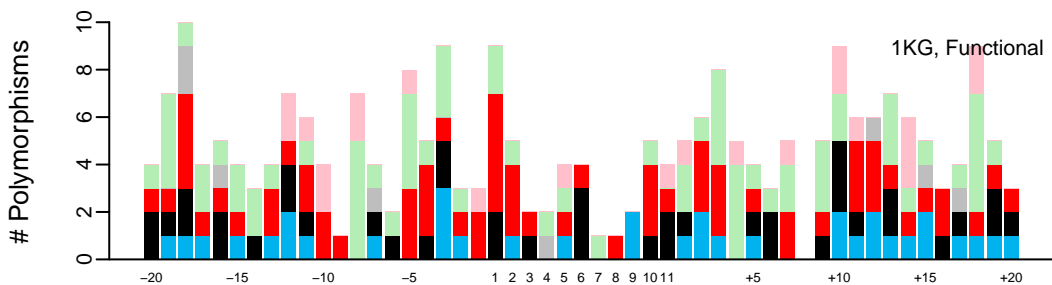
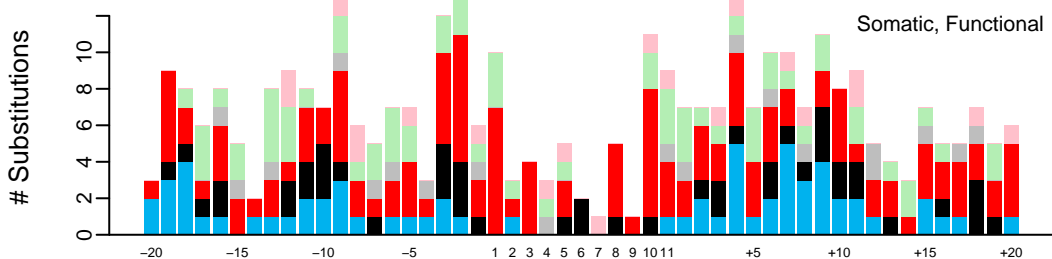
MOTIF POSITION

SRF, MA0083.2



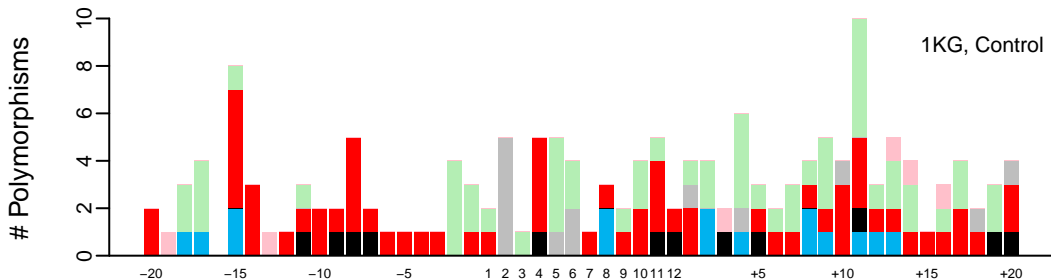
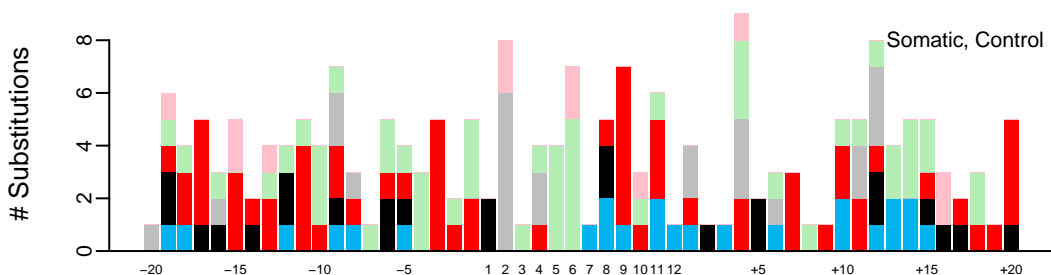
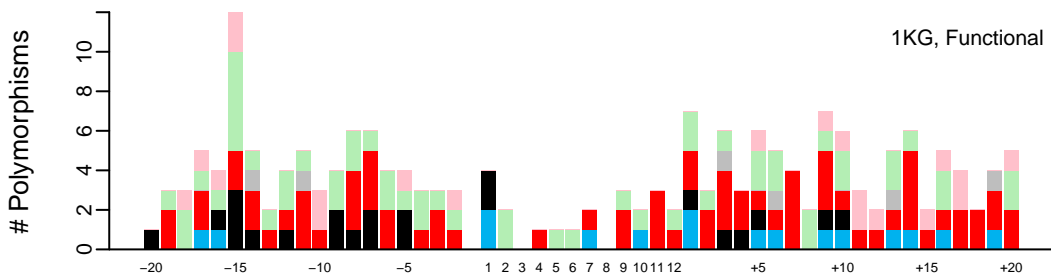
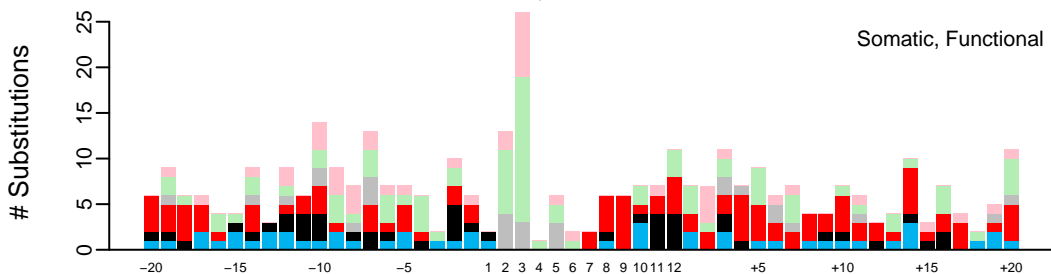
MOTIF POSITION

USF1, MA0093.2



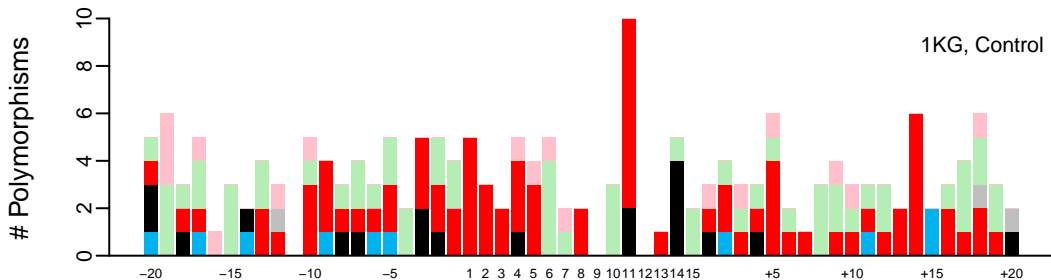
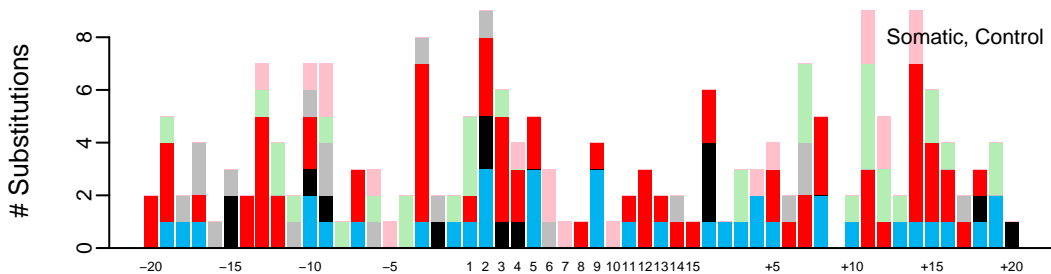
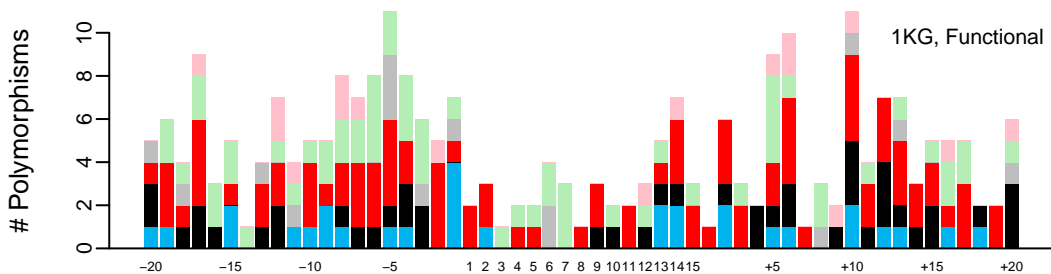
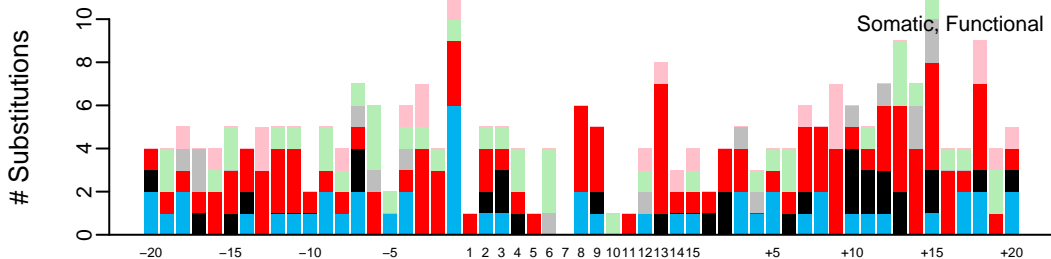
MOTIF POSITION

YY1, MA0095.2



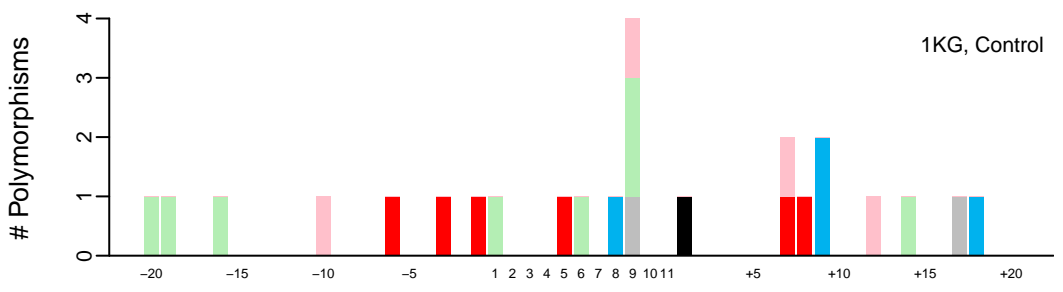
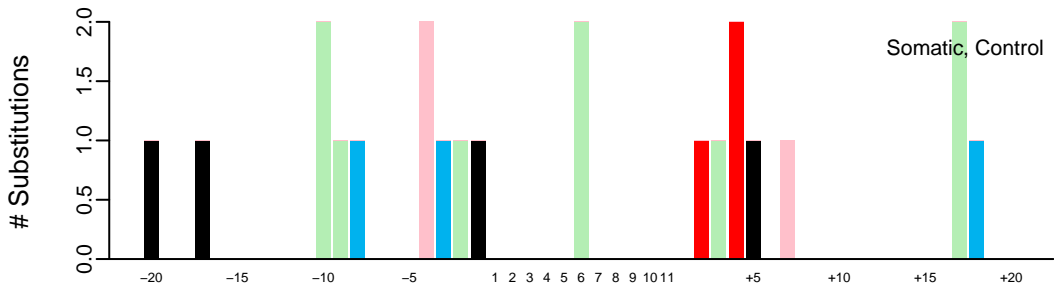
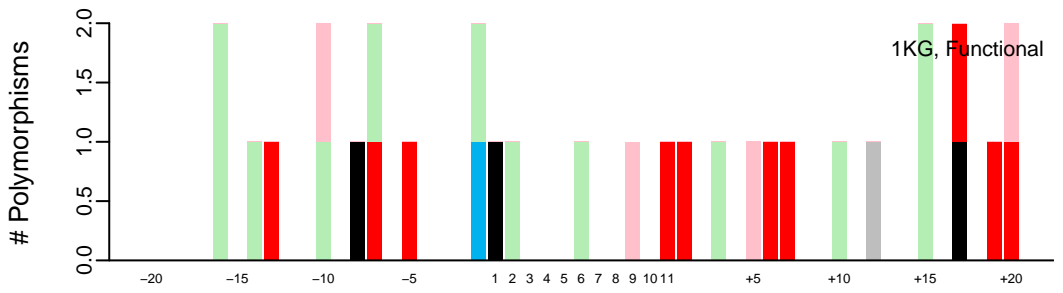
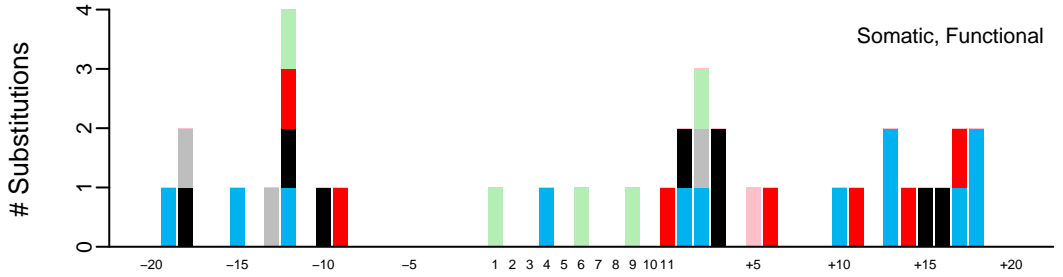
MOTIF POSITION

ETS1, MA0098.2



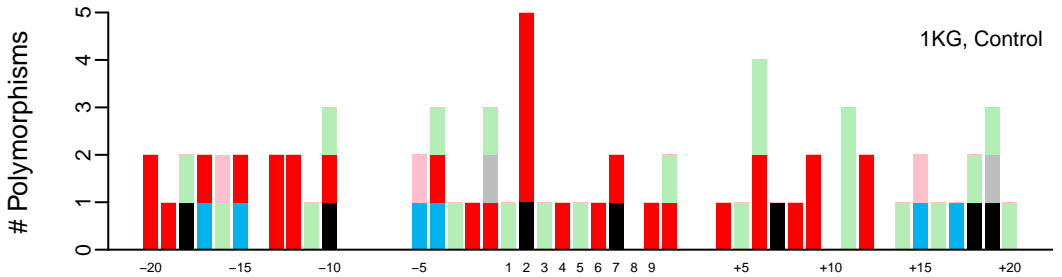
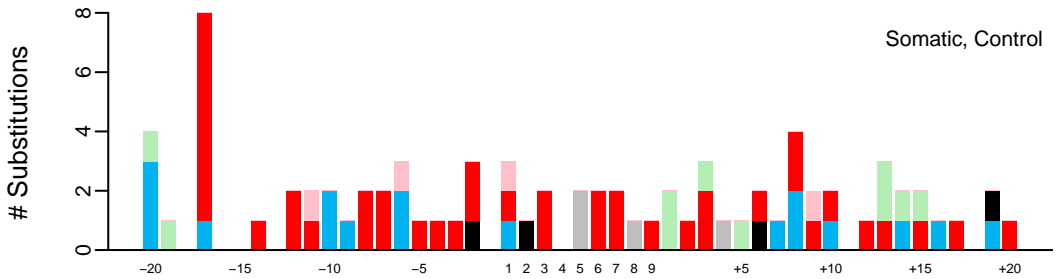
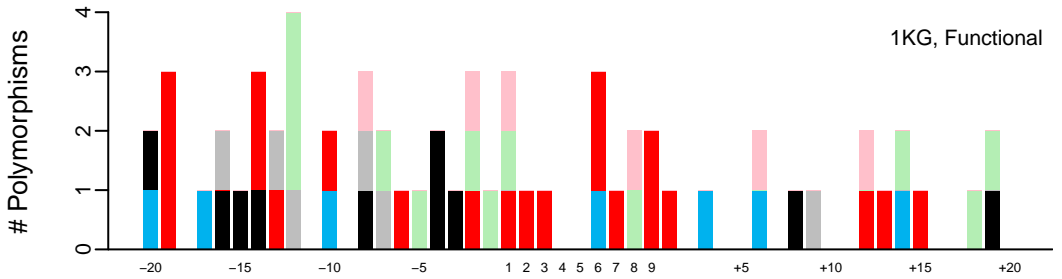
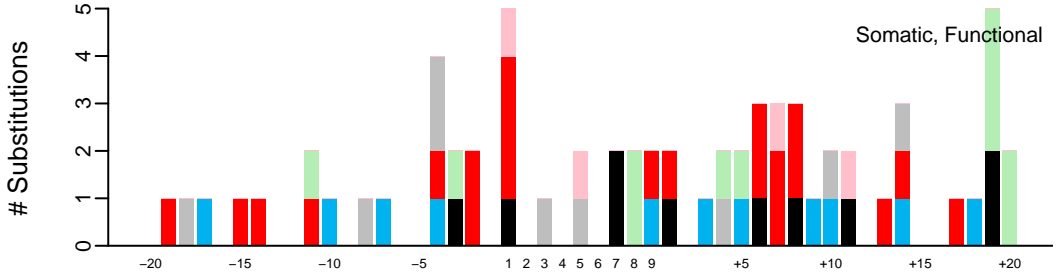
MOTIF POSITION

CEBPA, MA0102.3



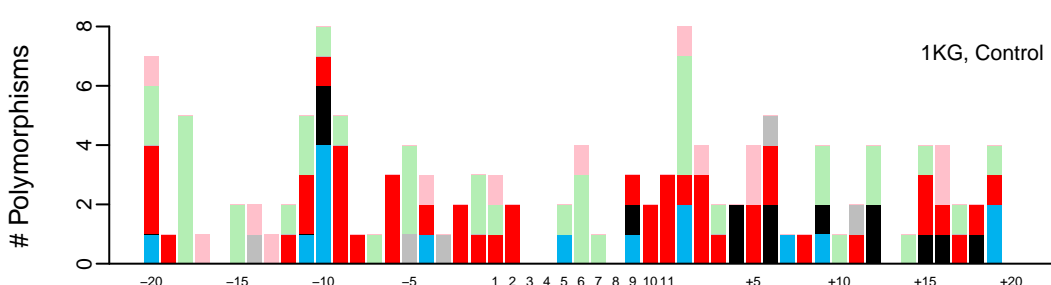
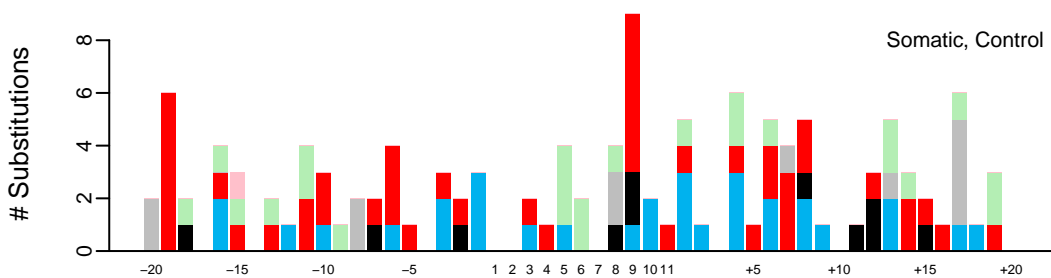
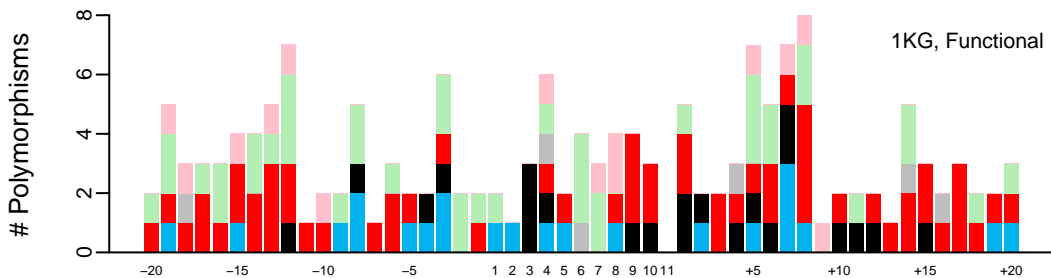
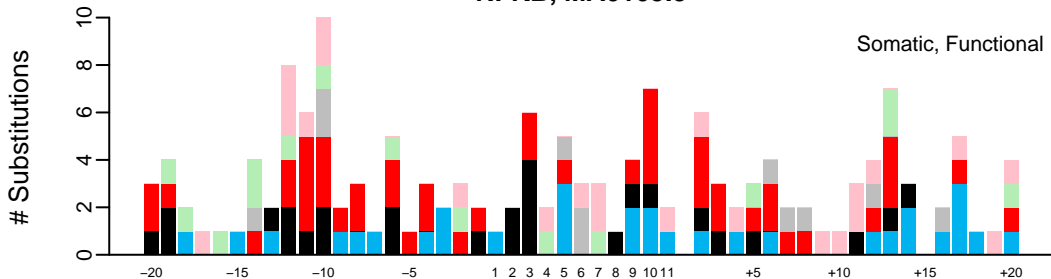
MOTIF POSITION

ZEB1, MA0103.2



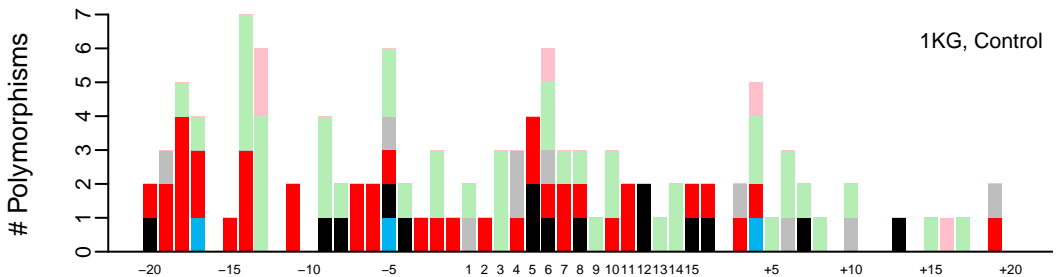
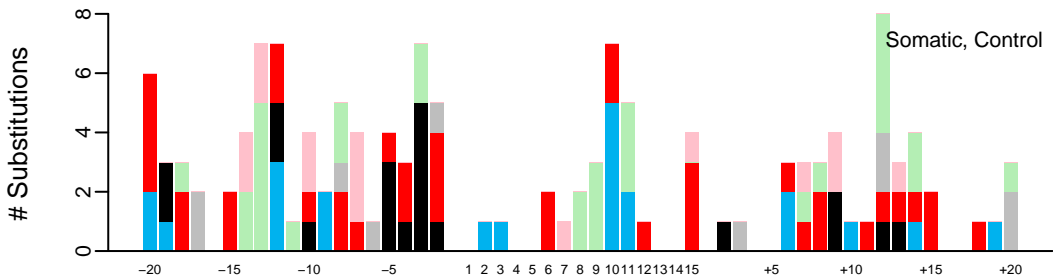
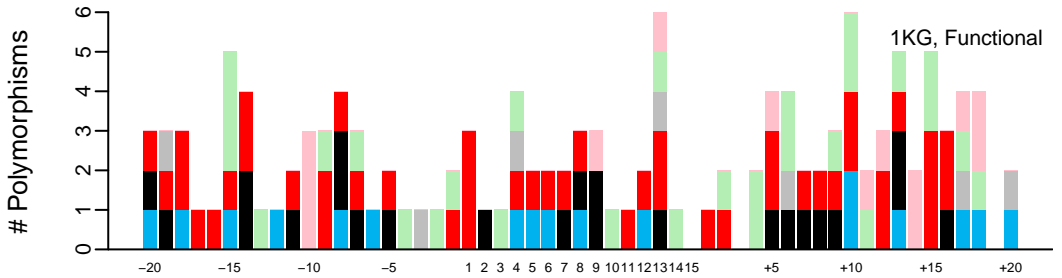
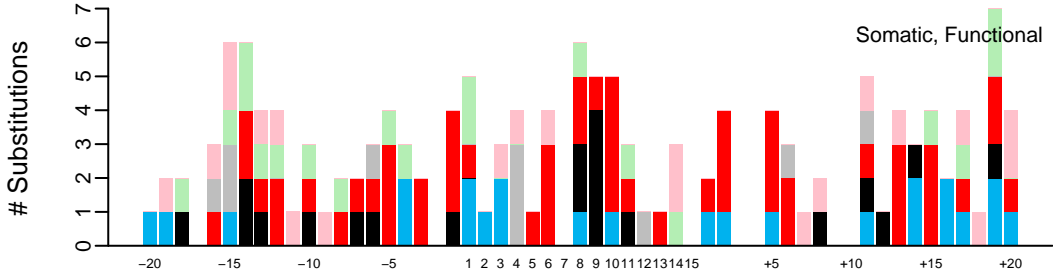
MOTIF POSITION

NFKB, MA0105.3



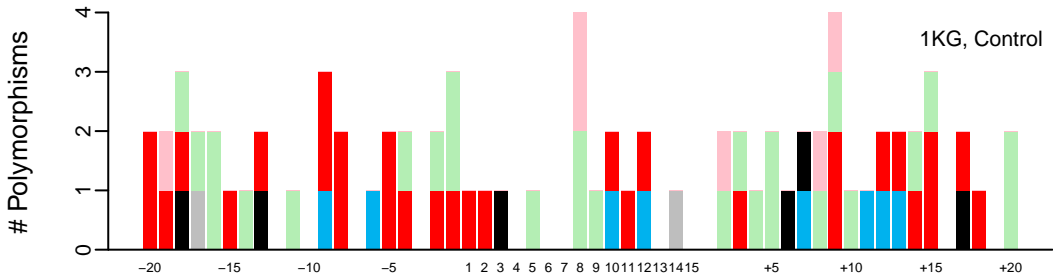
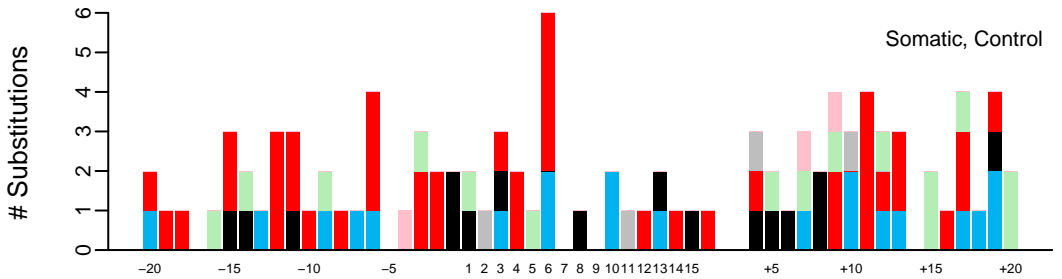
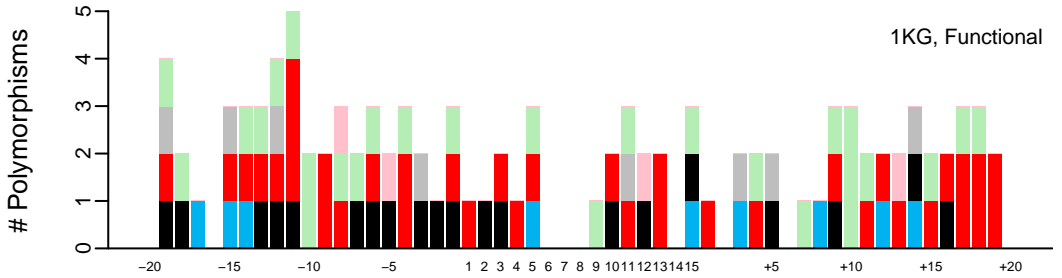
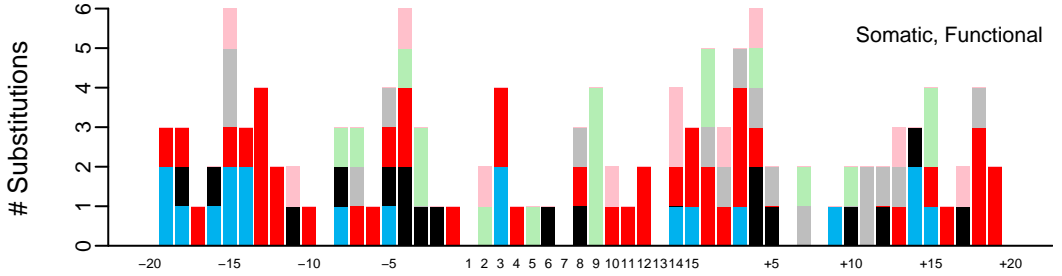
MOTIF POSITION

TP53, MA0106.2



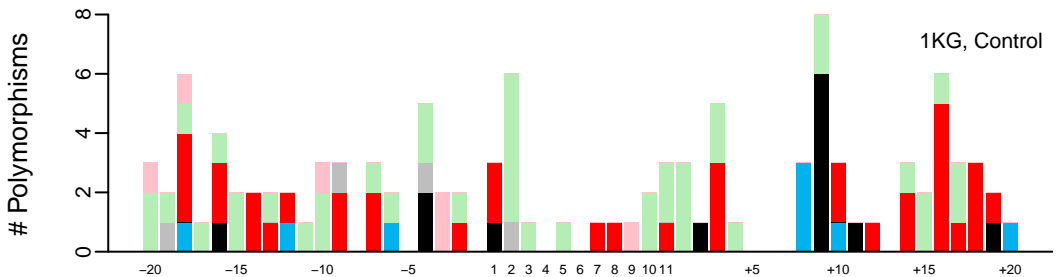
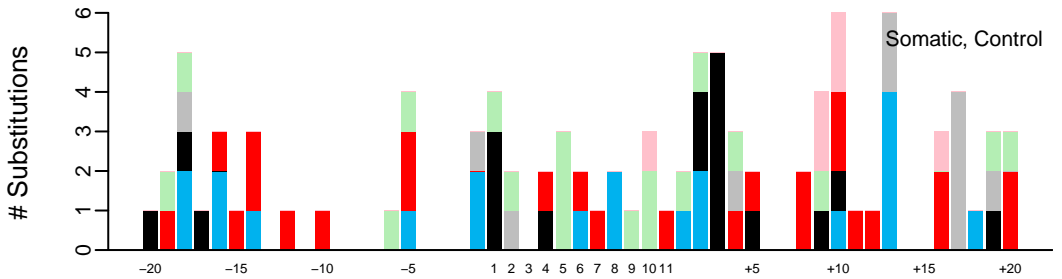
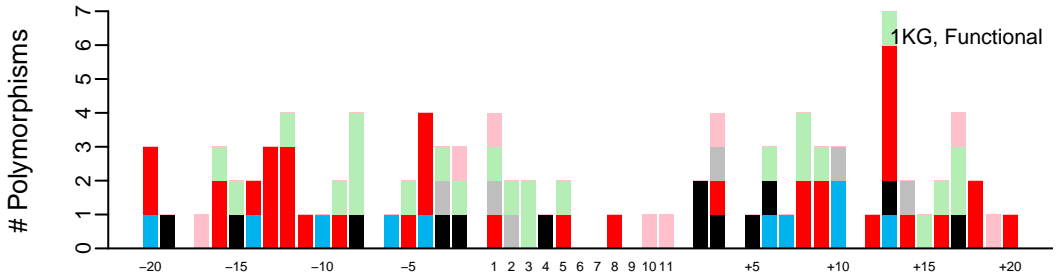
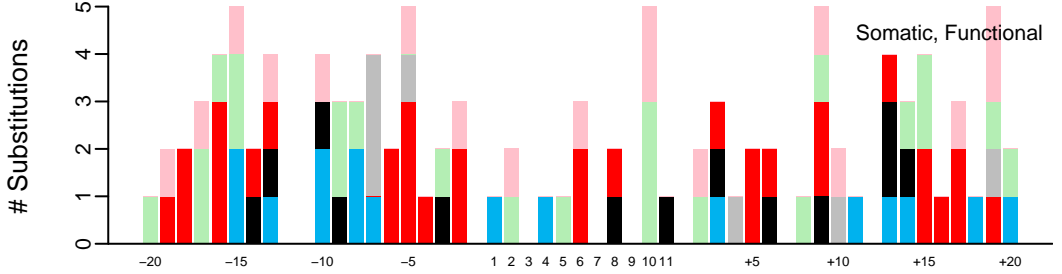
MOTIF POSITION

HNF4A, MA0114.2



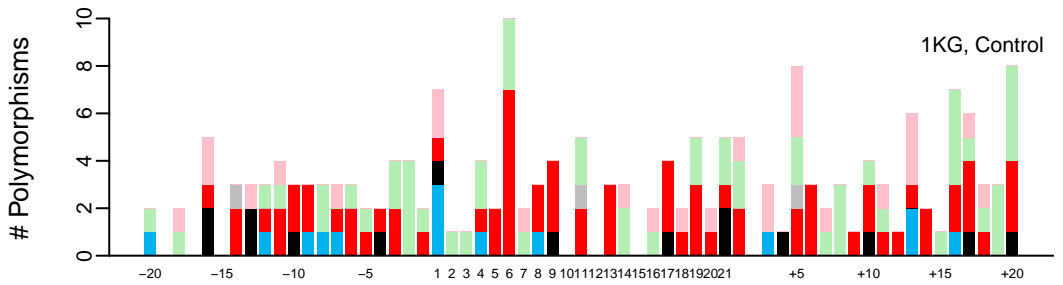
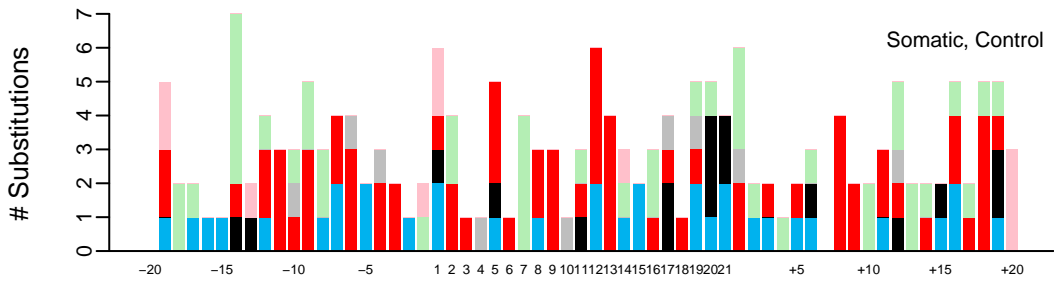
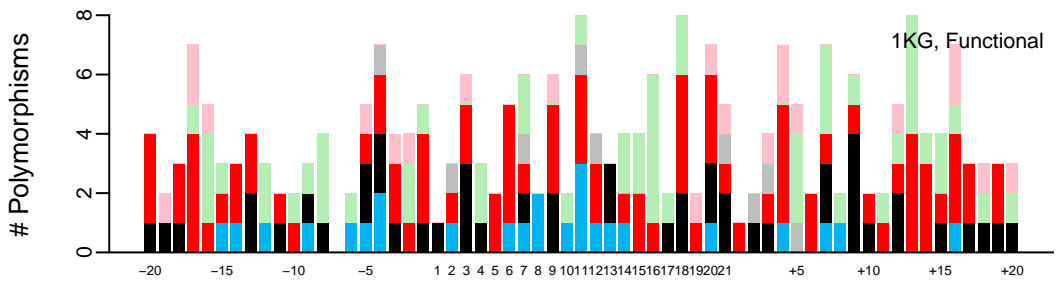
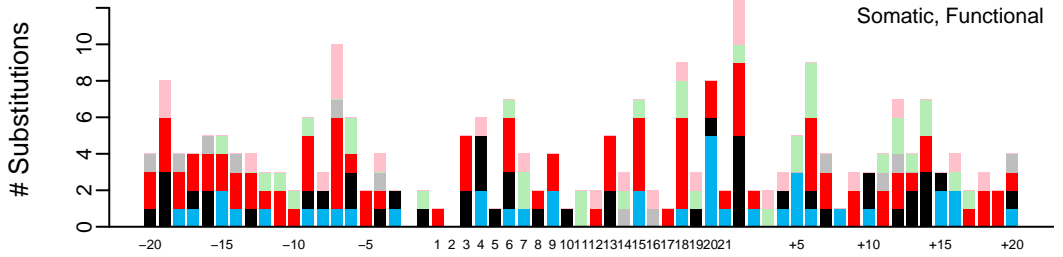
MOTIF POSITION

STAT1, MA0137.3



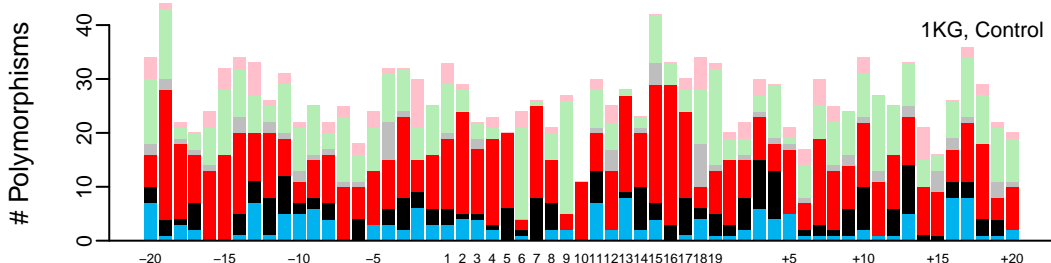
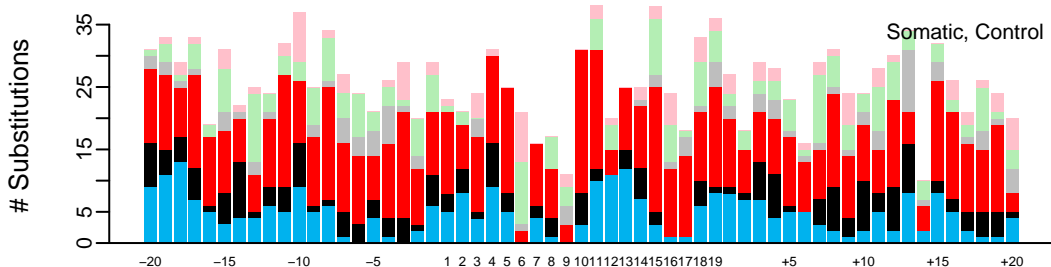
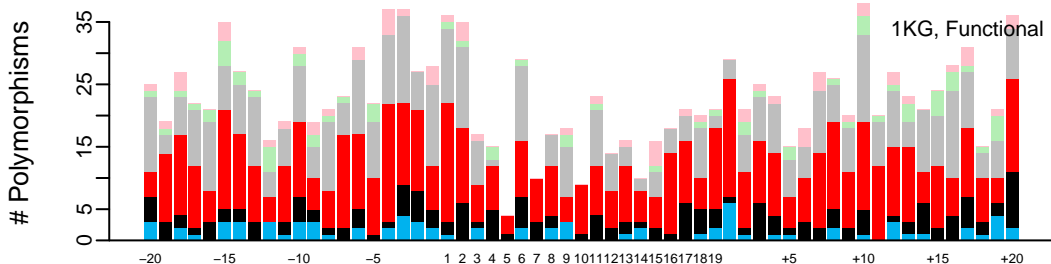
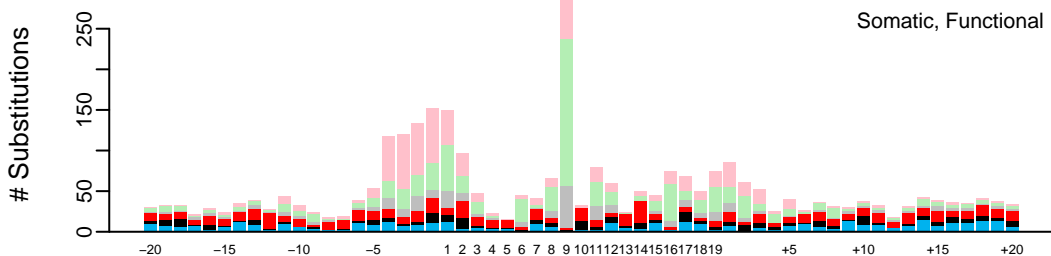
MOTIF POSITION

NRSF, MA0138.2



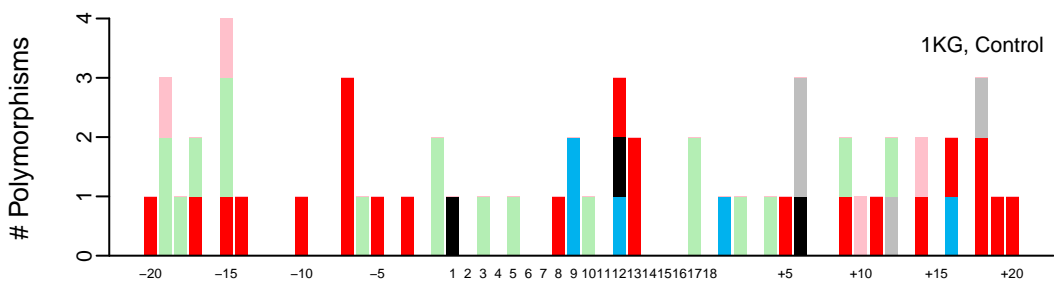
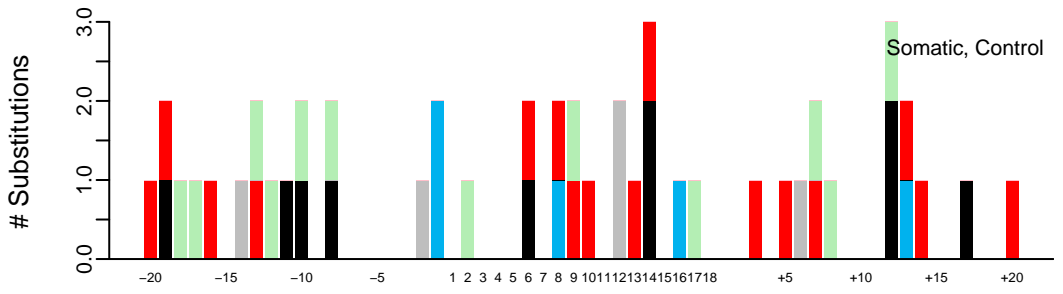
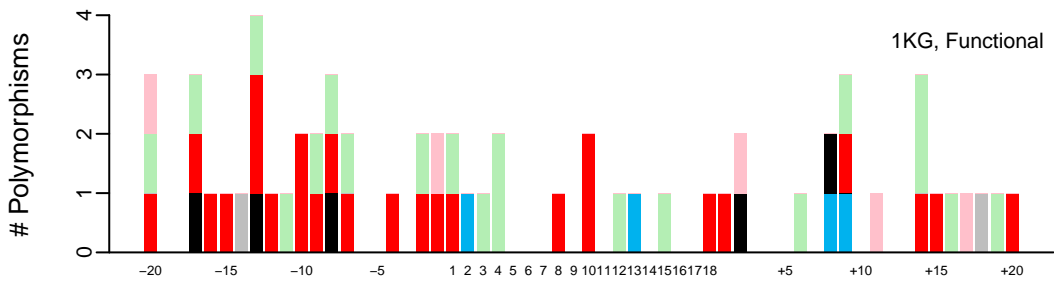
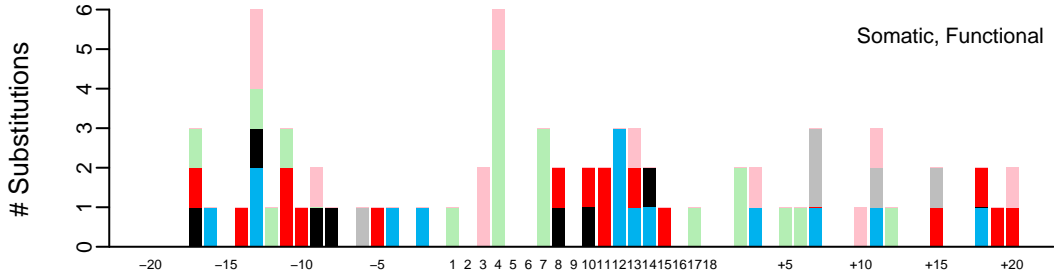
MOTIF POSITION

CTCF, MA0139.1



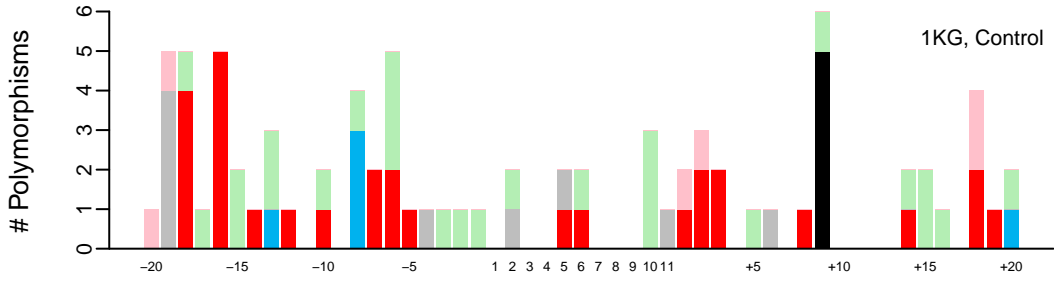
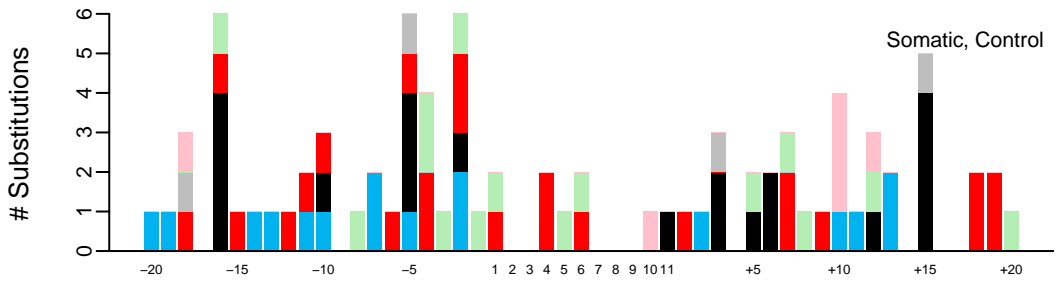
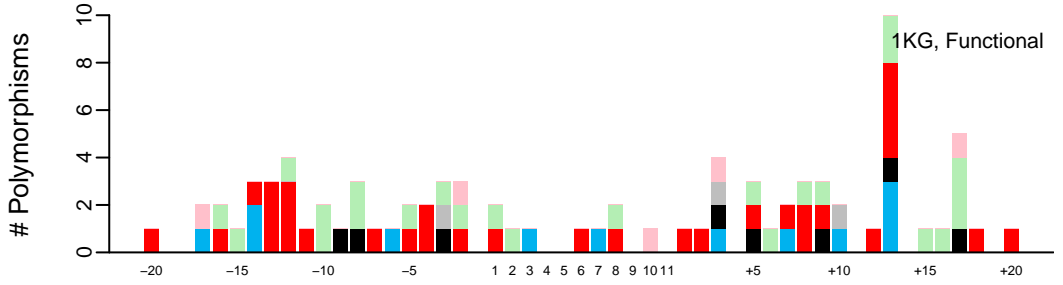
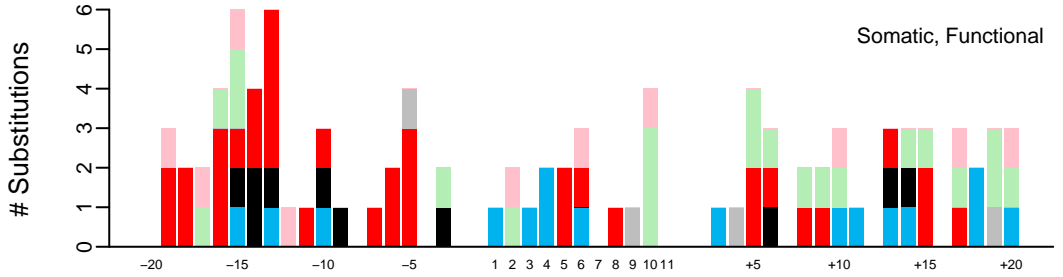
MOTIF POSITION

TAL1::GATA1, MA0140.2



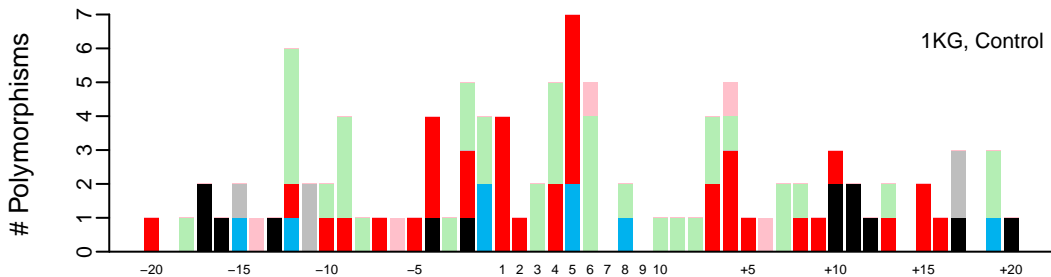
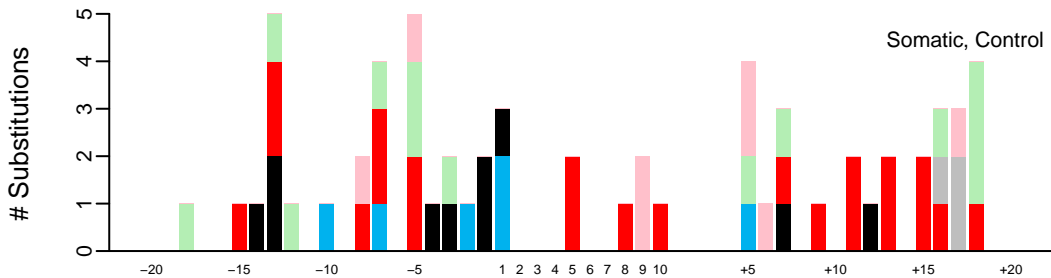
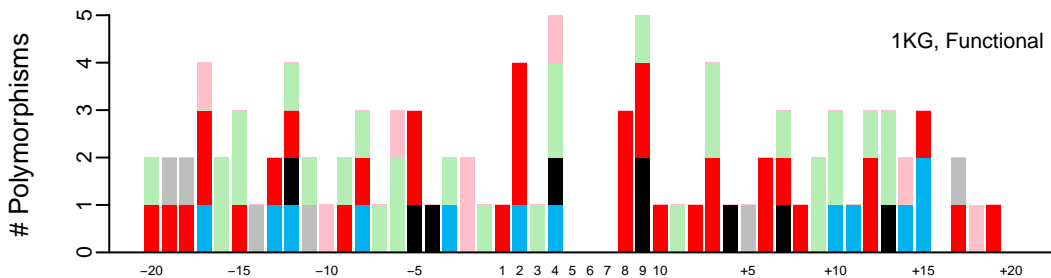
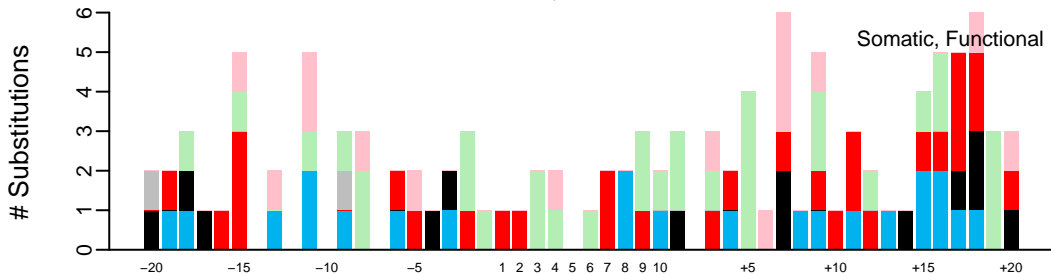
MOTIF POSITION

STAT3, MA0144.2



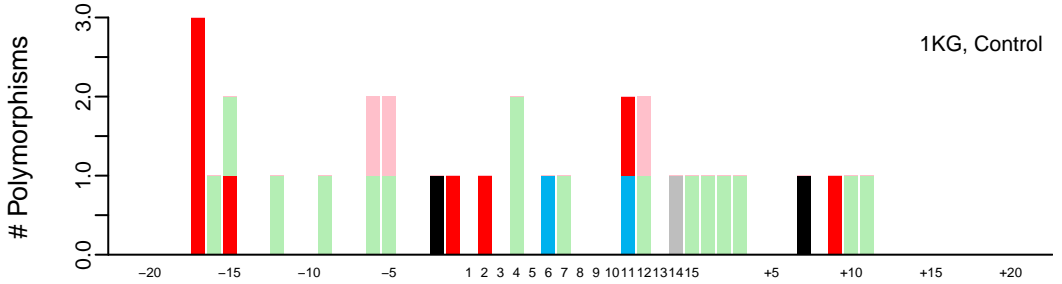
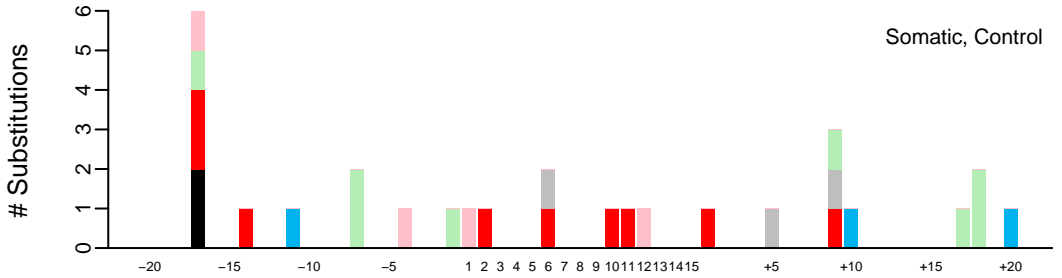
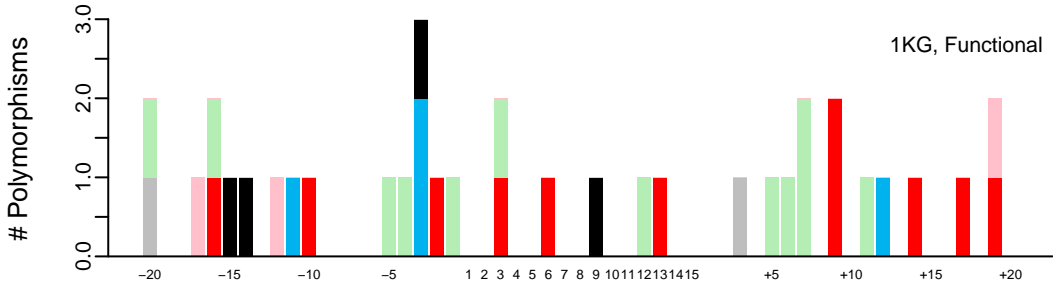
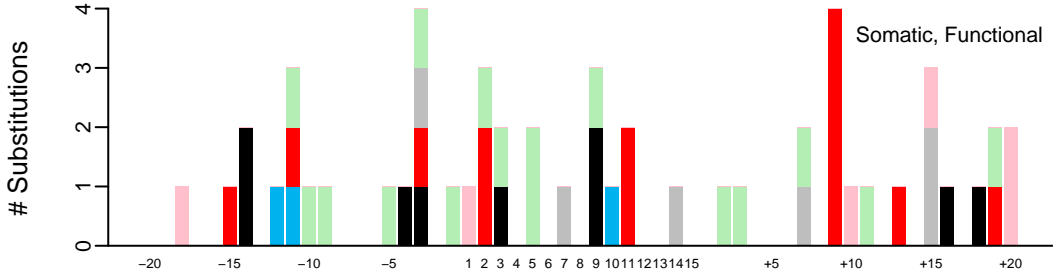
MOTIF POSITION

CMYC, MA0147.2



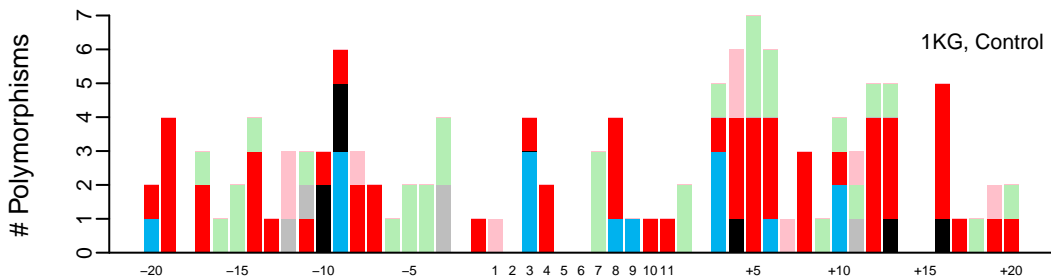
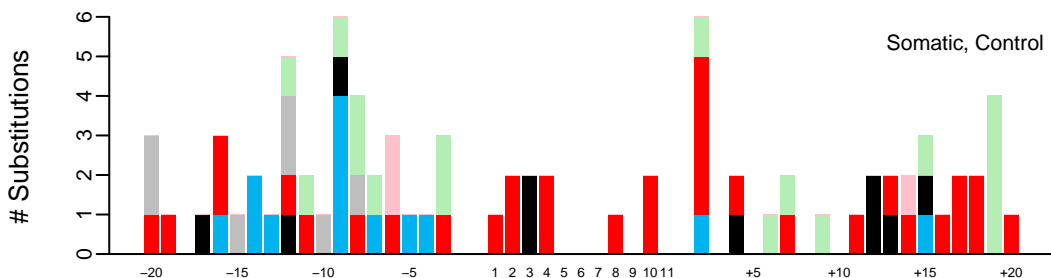
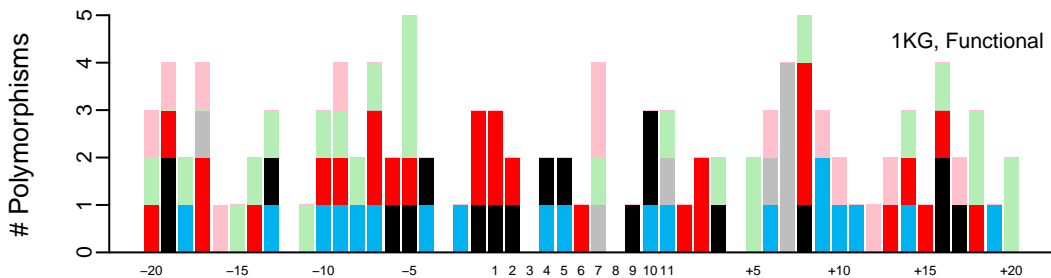
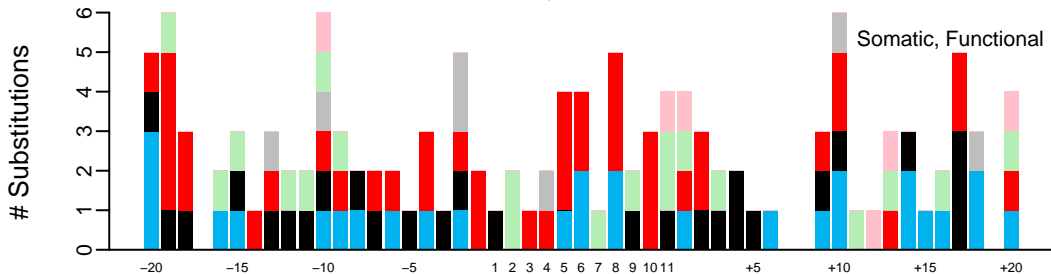
MOTIF POSITION

FOXA1, MA0148.3



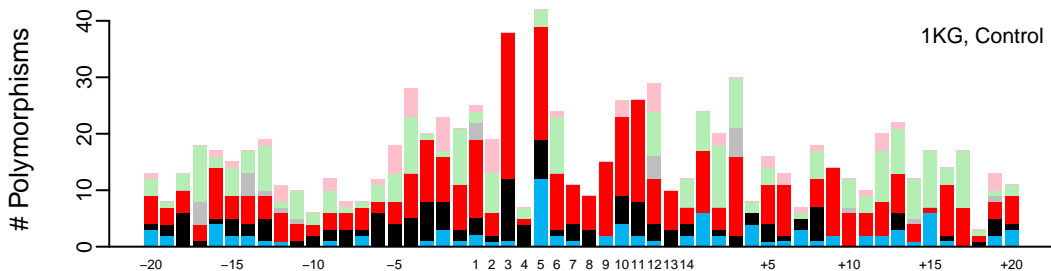
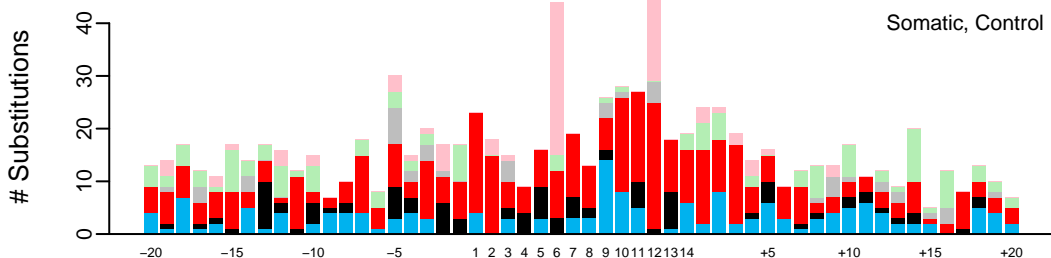
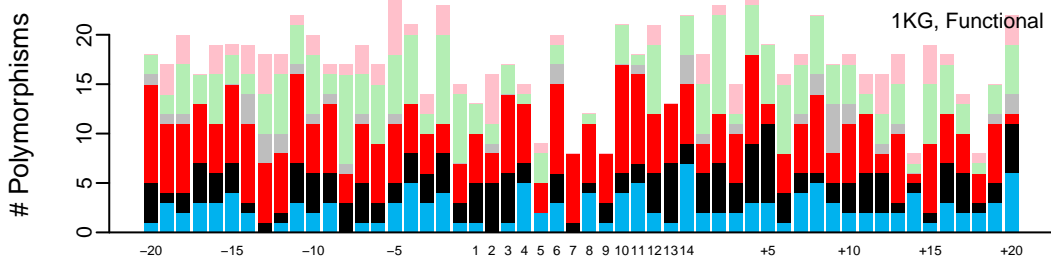
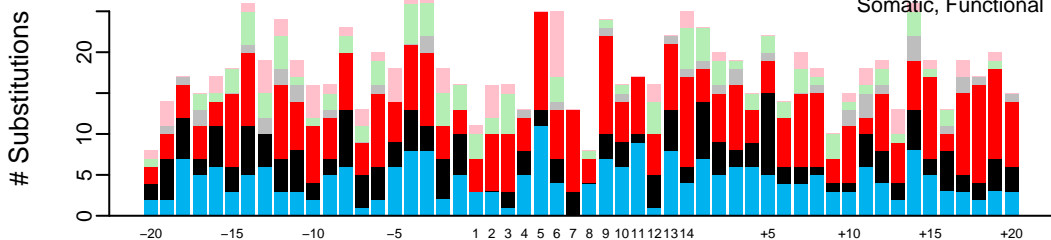
MOTIF POSITION

EBF1, MA0154.2



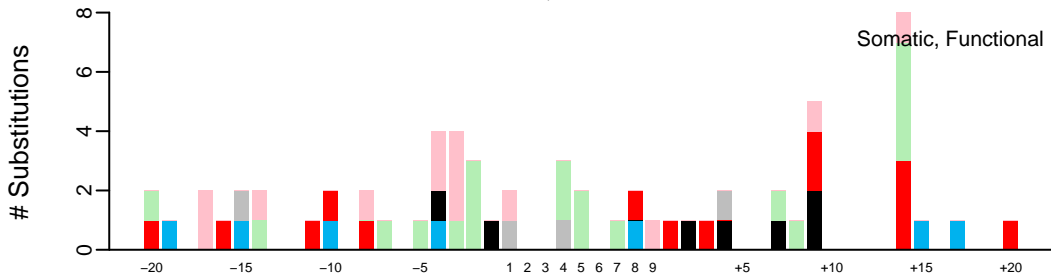
MOTIF POSITION

EGR1, MA0162.2

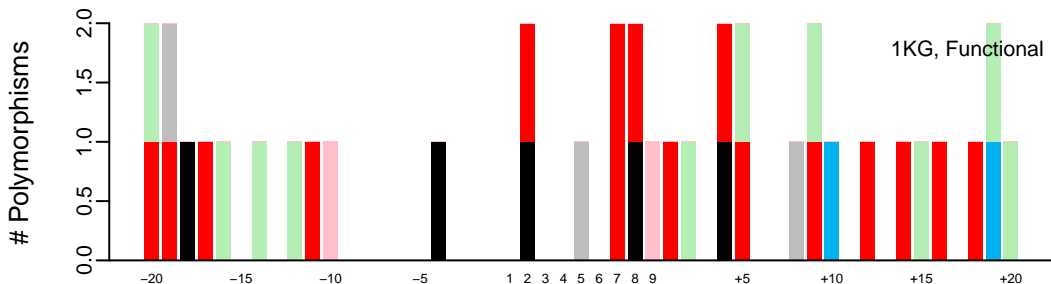


MOTIF POSITION

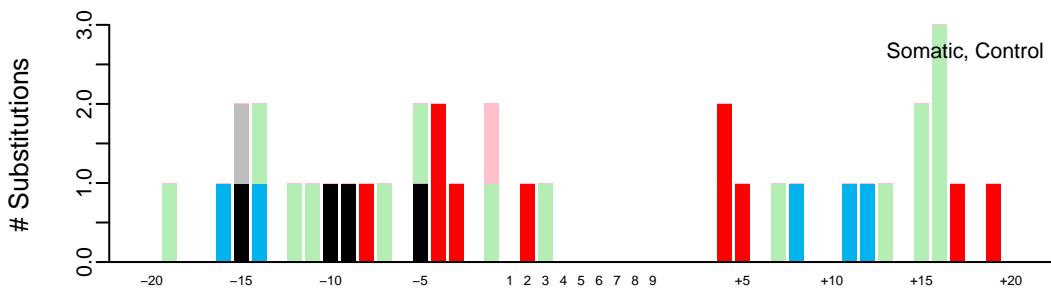
PAX5, MA0239.1



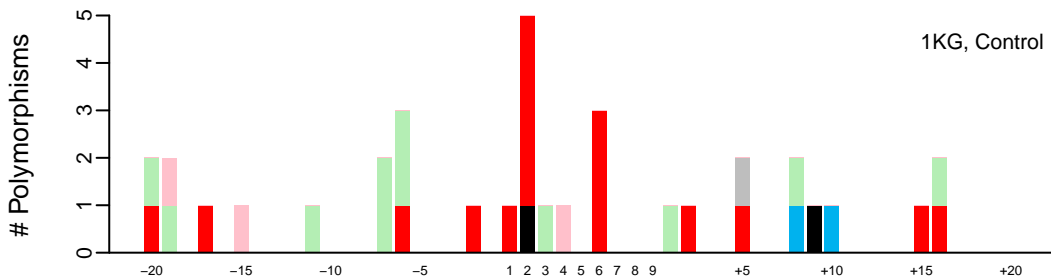
Somatic, Functional



1KG, Functional



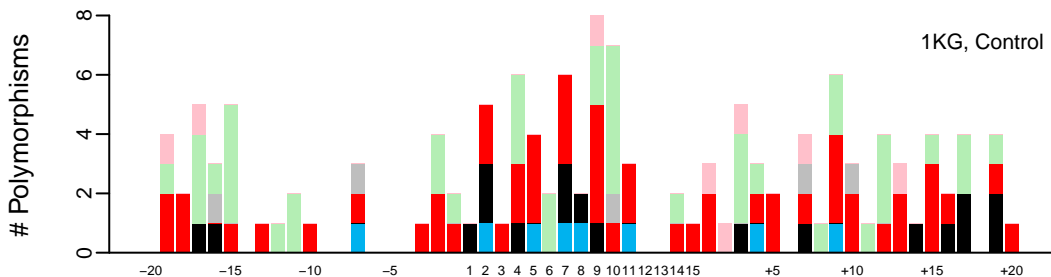
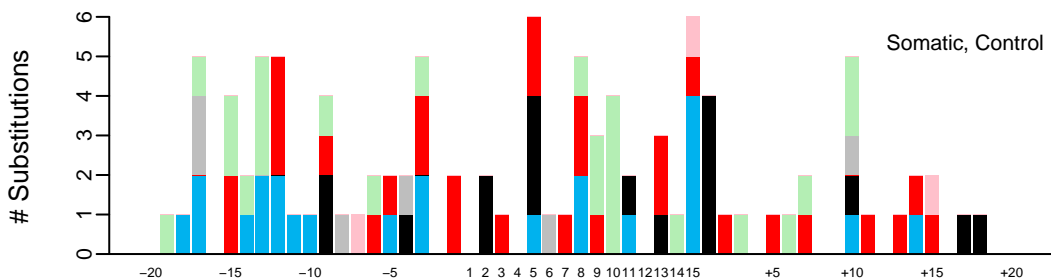
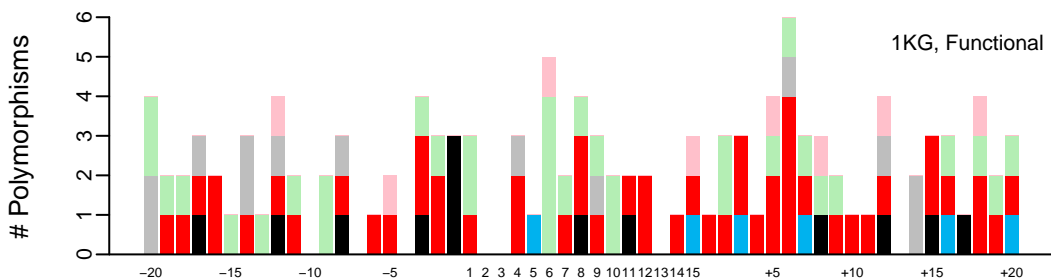
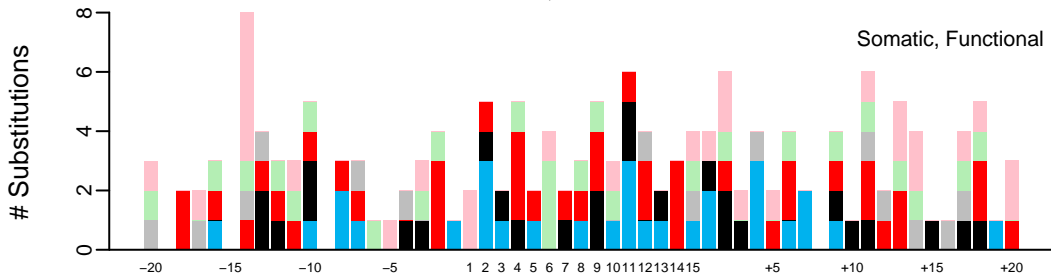
Somatic, Control



1KG, Control

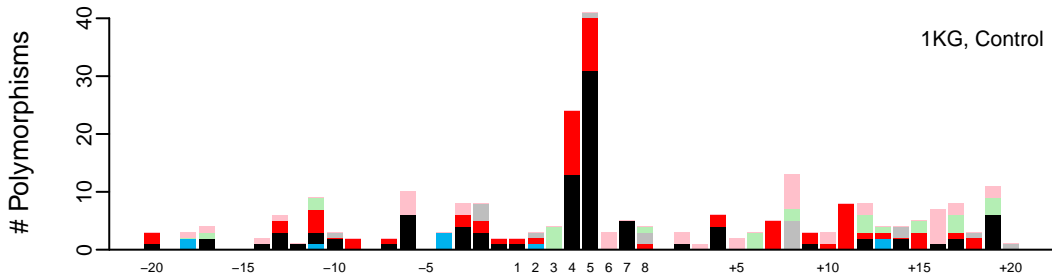
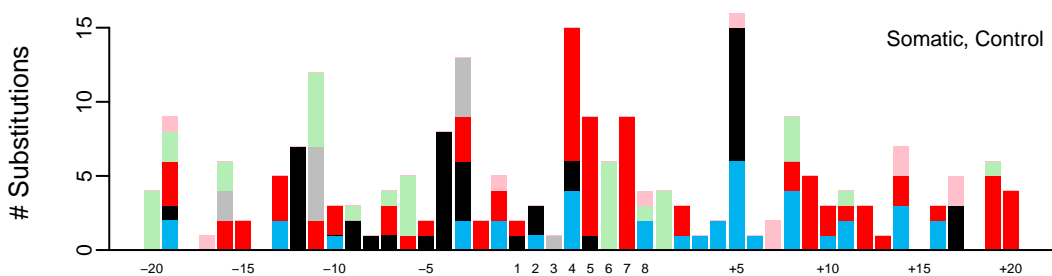
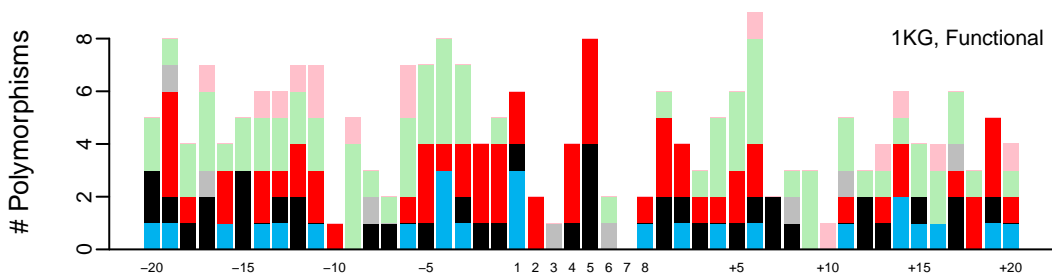
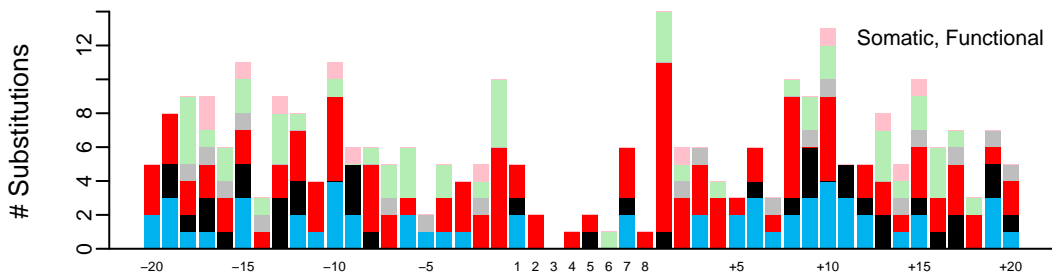
MOTIF POSITION

ESR2, MA0258.2



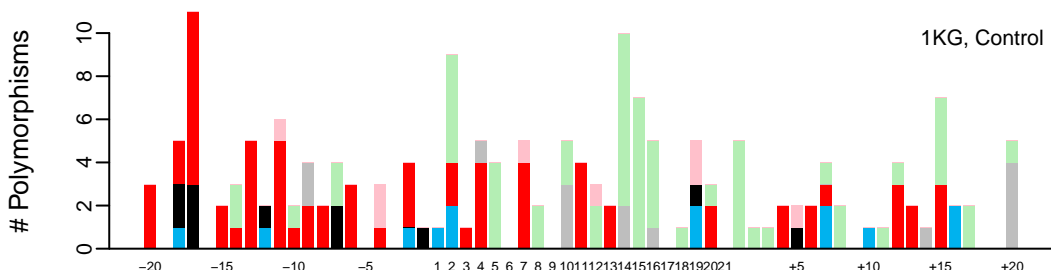
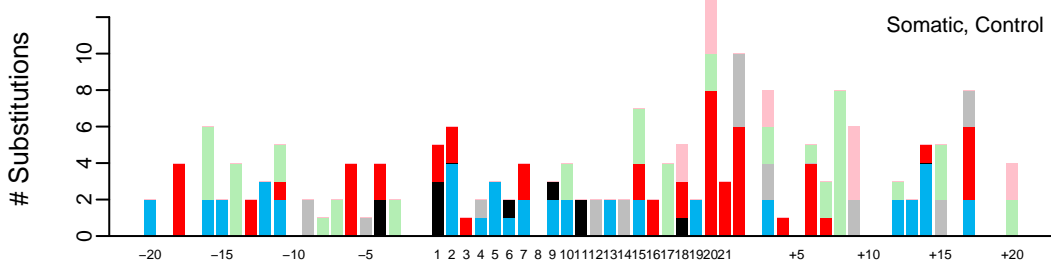
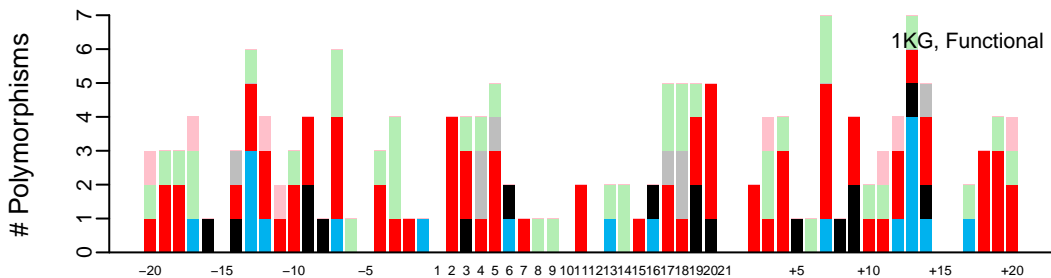
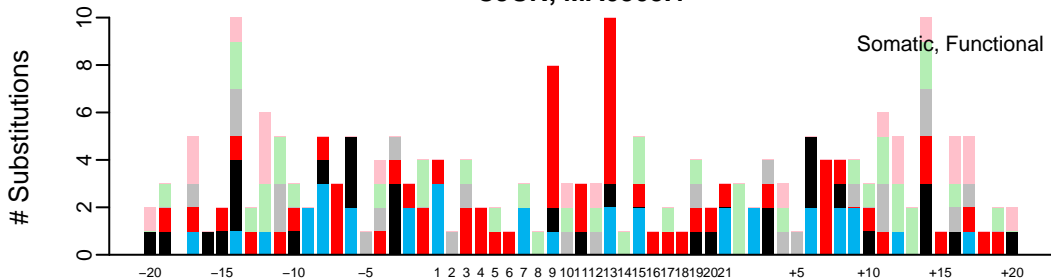
MOTIF POSITION

USF1, MA0281.1



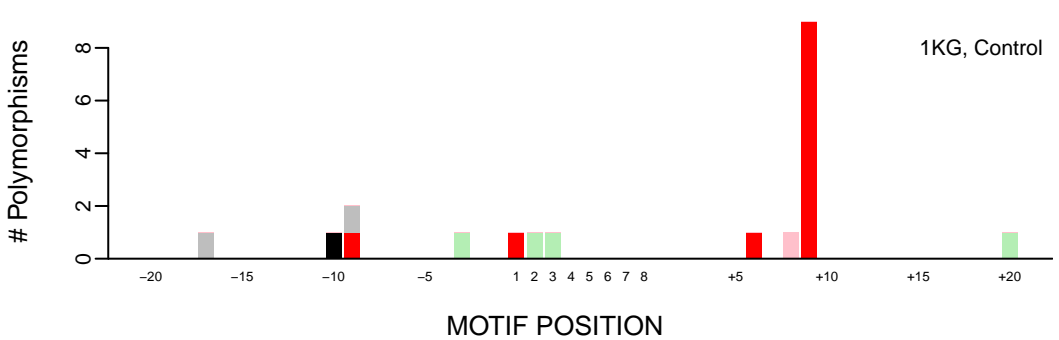
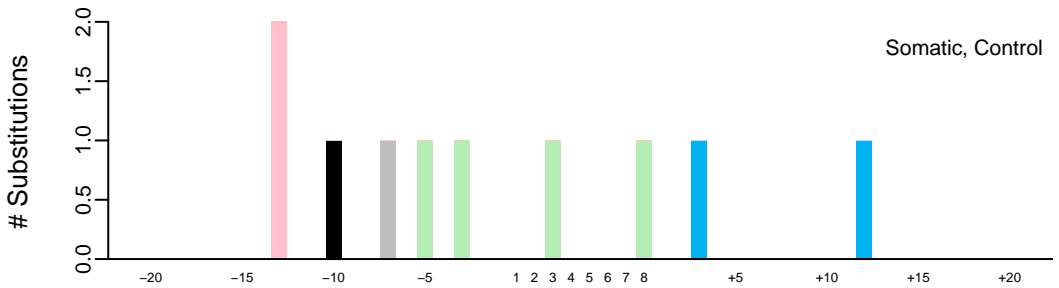
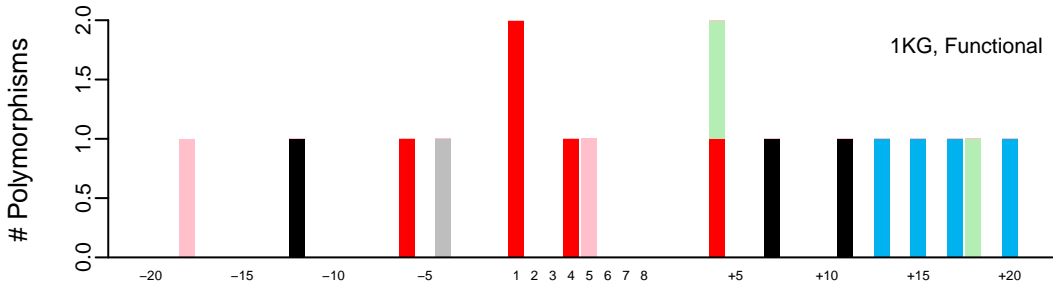
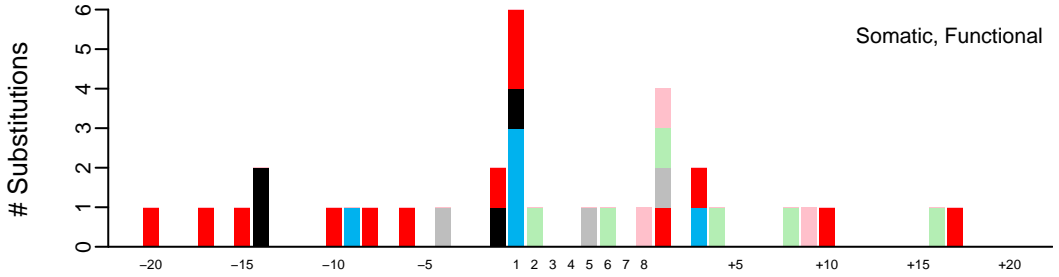
MOTIF POSITION

CJUN, MA0303.1



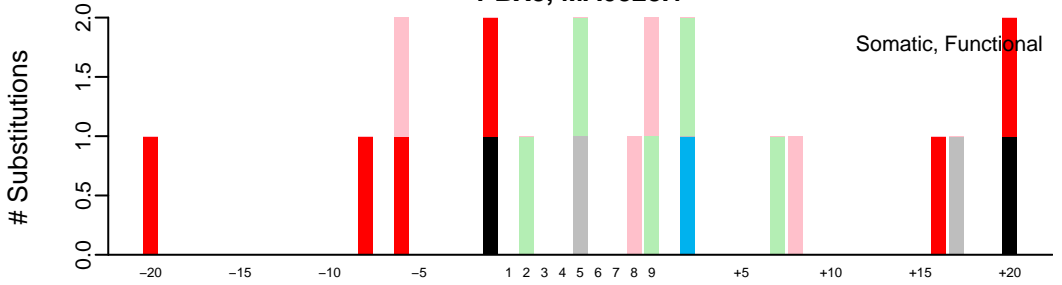
MOTIF POSITION

PBX3, MA0318.1

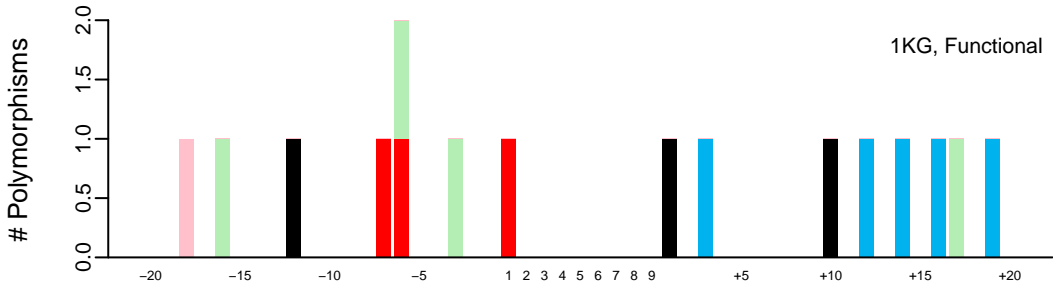


MOTIF POSITION

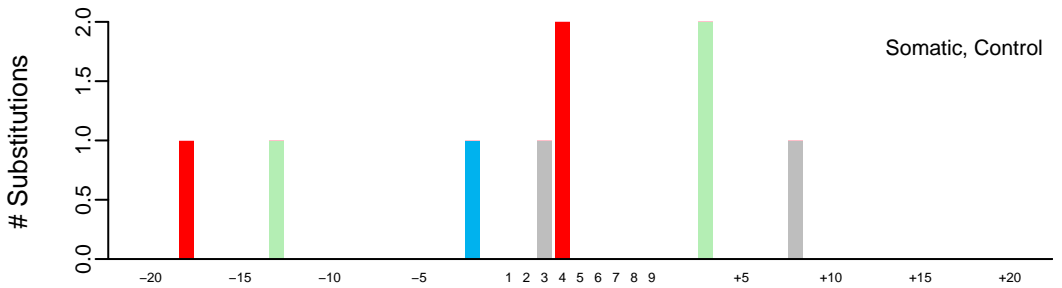
PBX3, MA0328.1



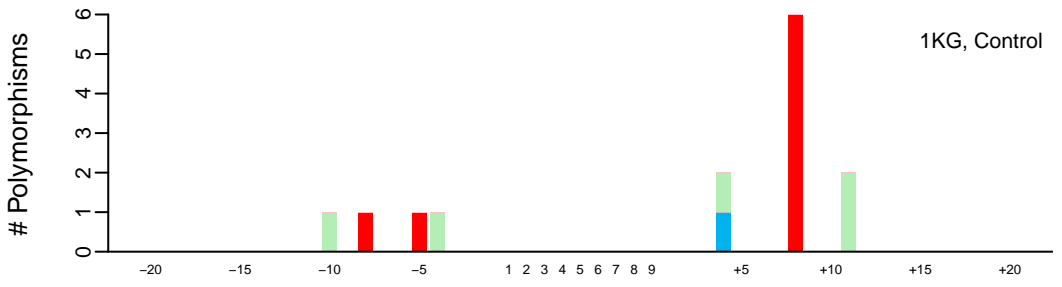
Somatic, Functional



1KG, Functional



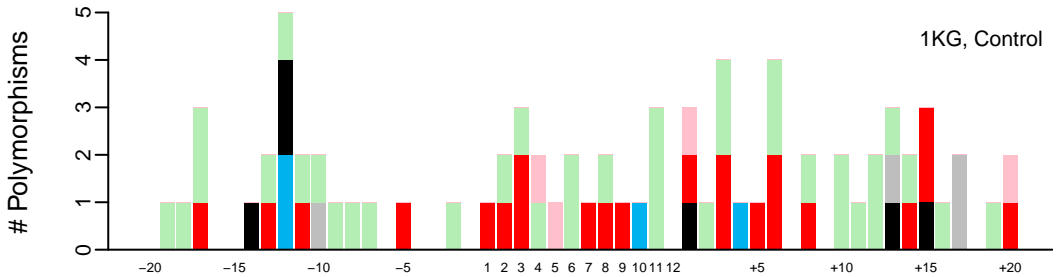
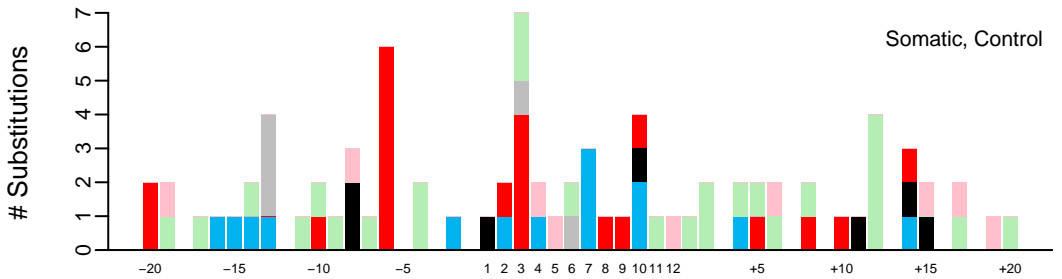
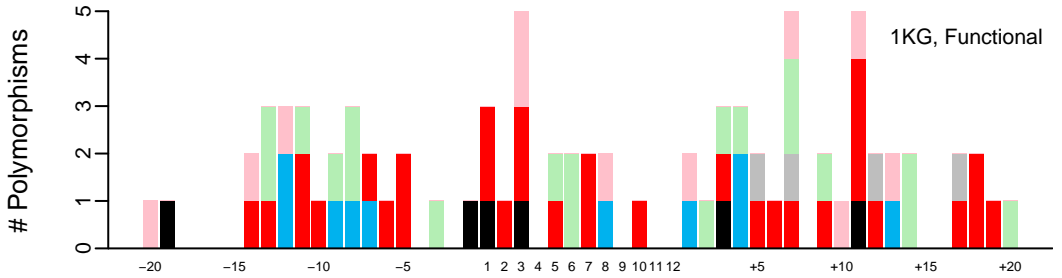
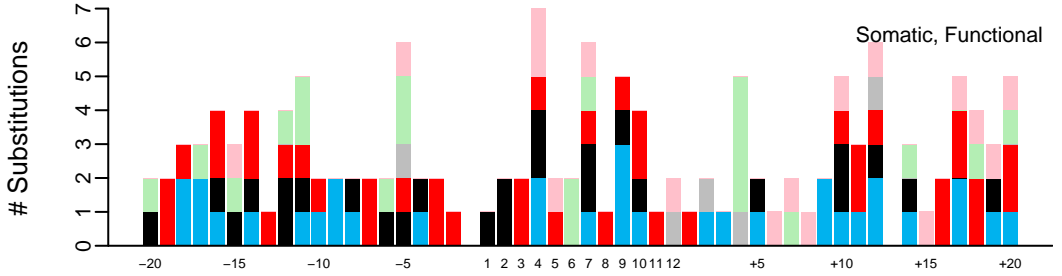
Somatic, Control



1KG, Control

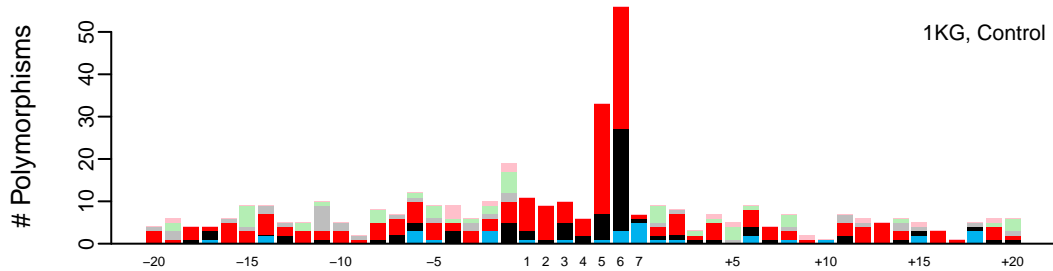
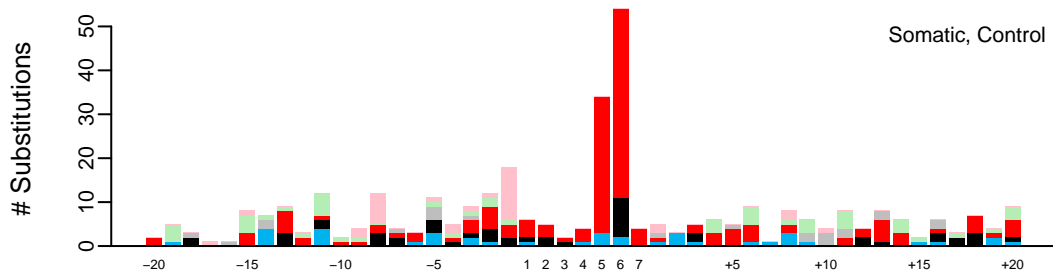
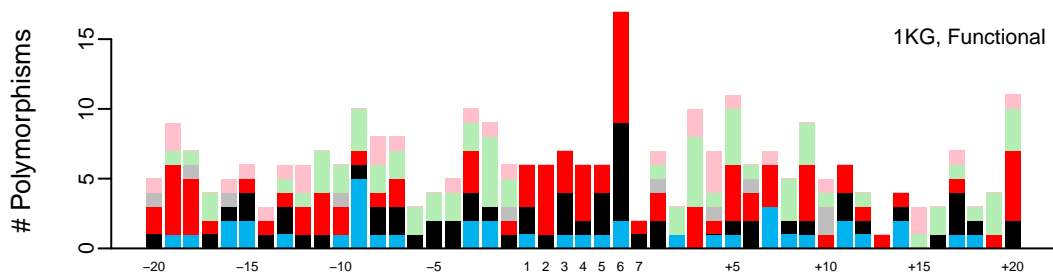
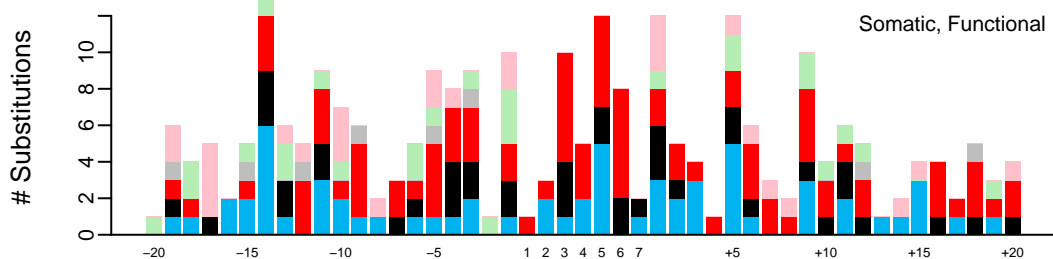
MOTIF POSITION

SRF, MA0331.1



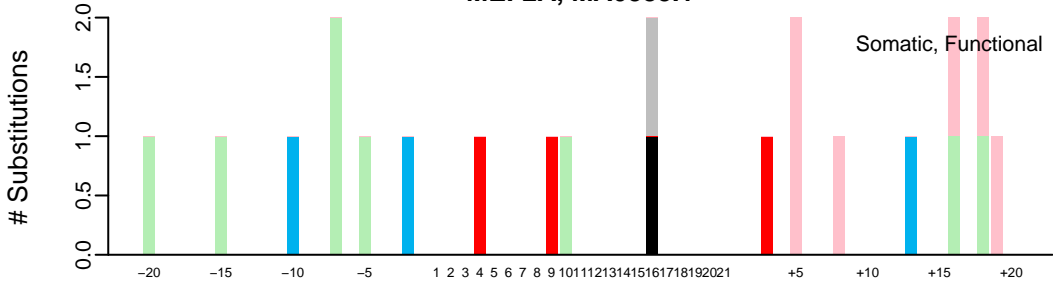
MOTIF POSITION

EGR1, MA0337.1

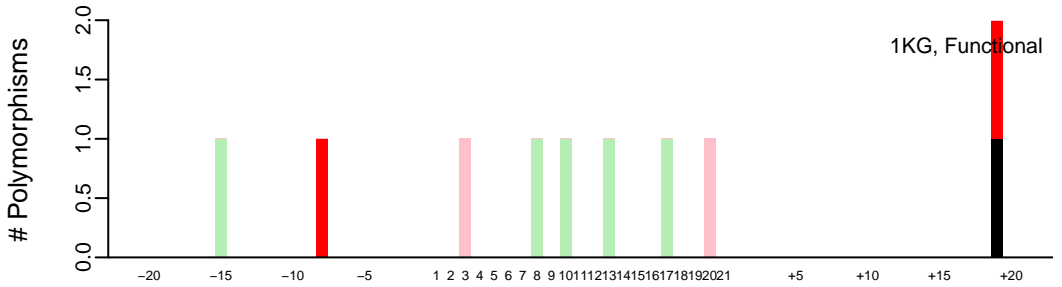


MOTIF POSITION

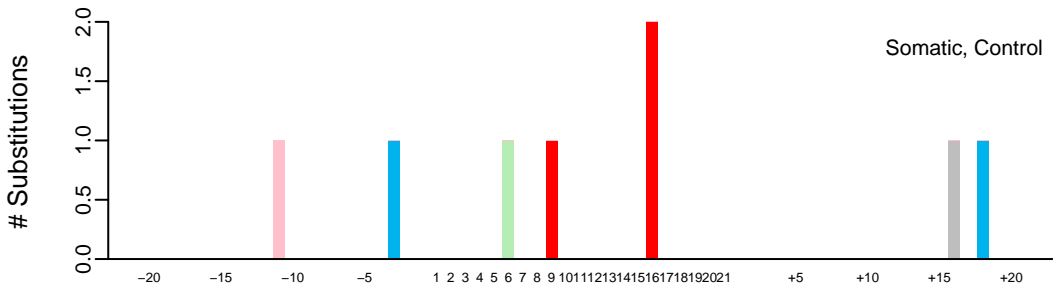
MEF2A, MA0383.1



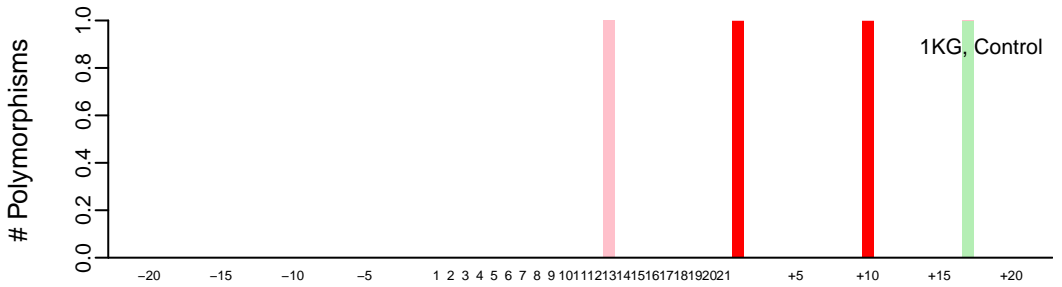
Somatic, Functional



1KG, Functional



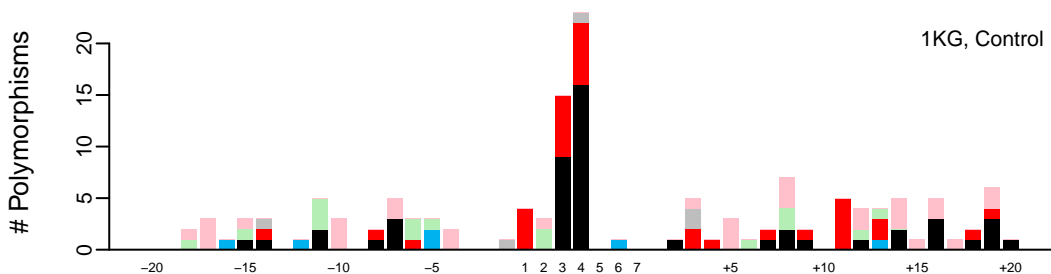
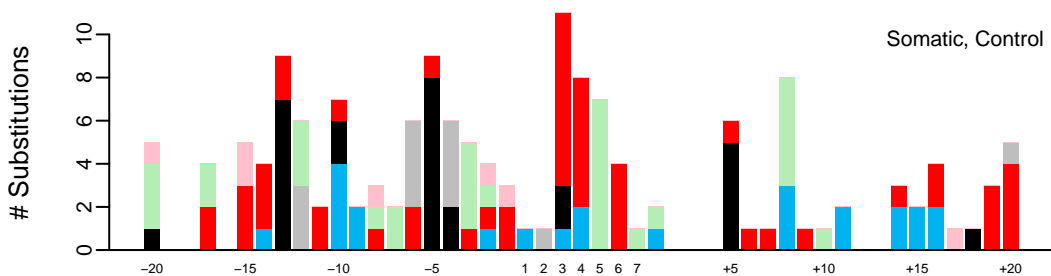
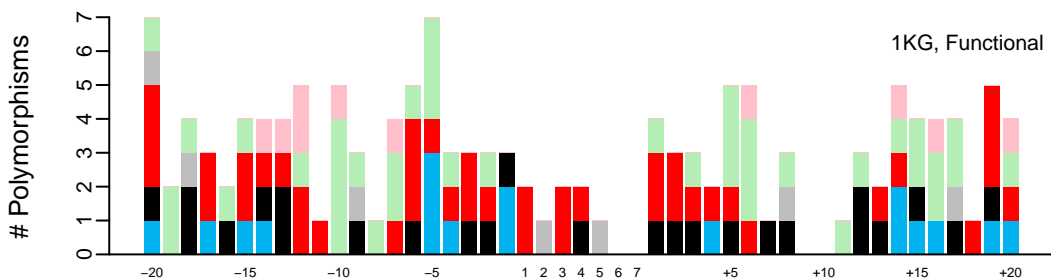
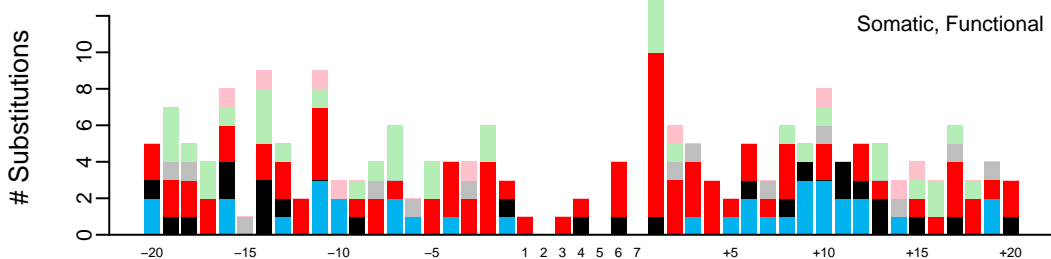
Somatic, Control



1KG, Control

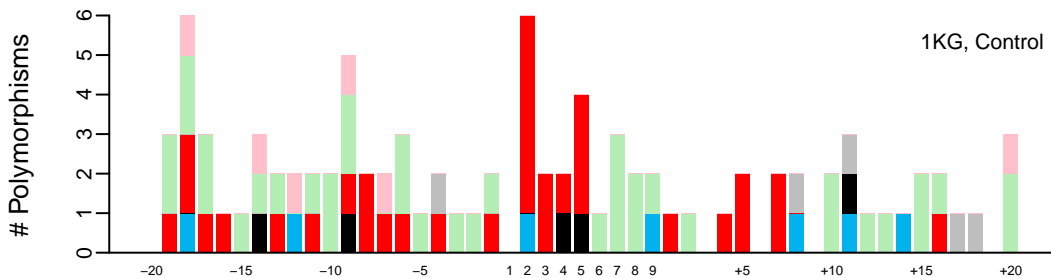
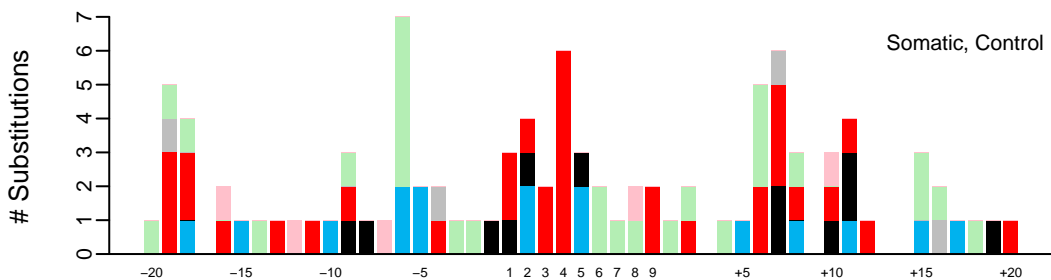
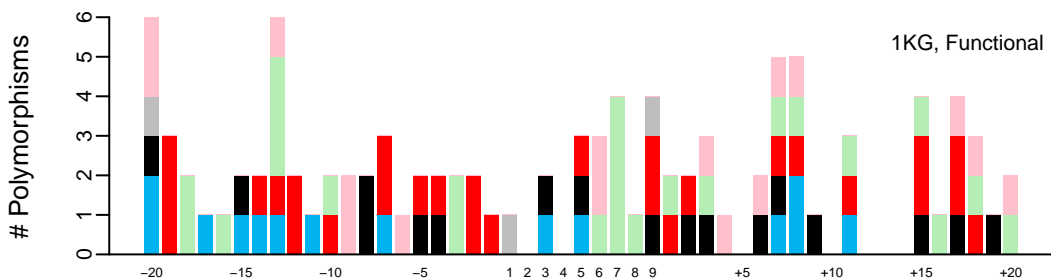
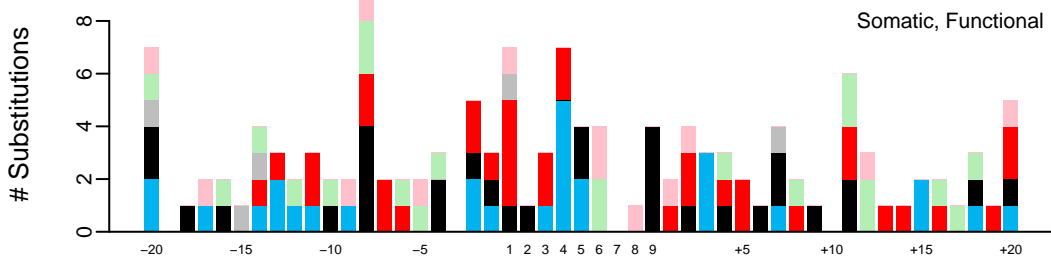
MOTIF POSITION

SREBP1, MA0409.1



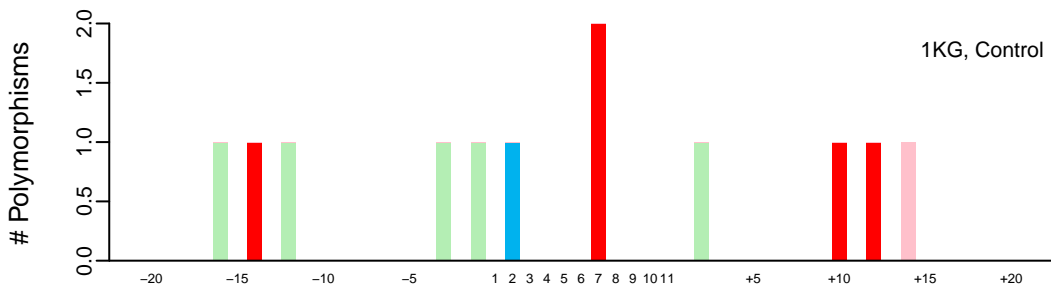
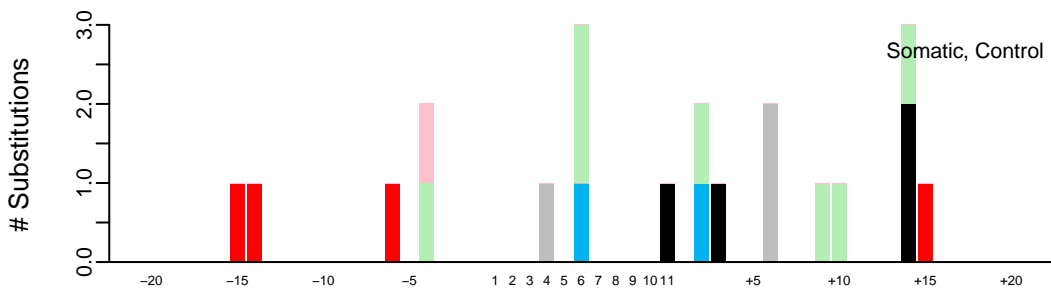
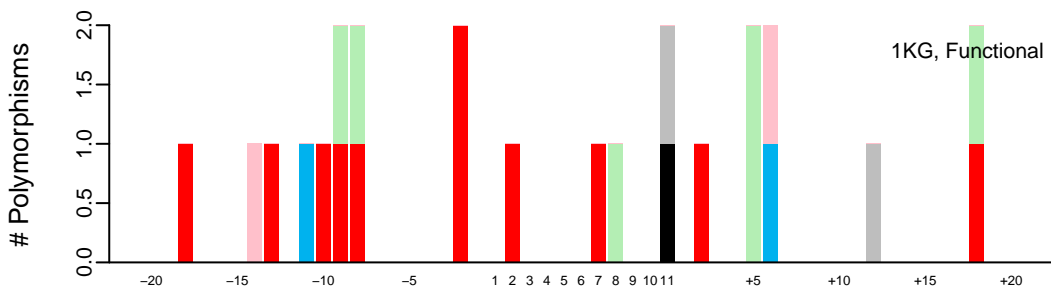
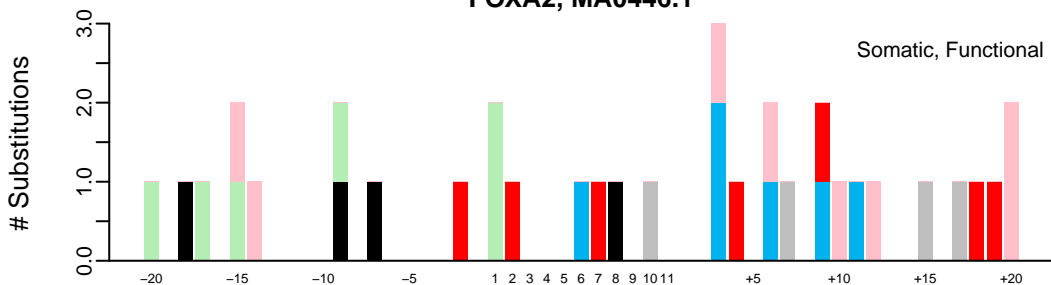
MOTIF POSITION

EGR1, MA0423.1



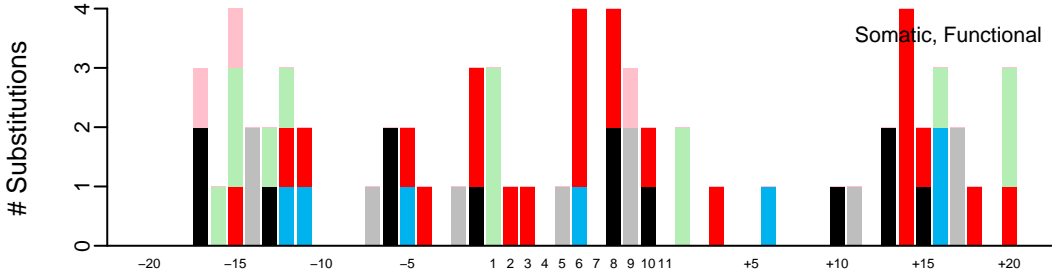
MOTIF POSITION

FOXA2, MA0446.1

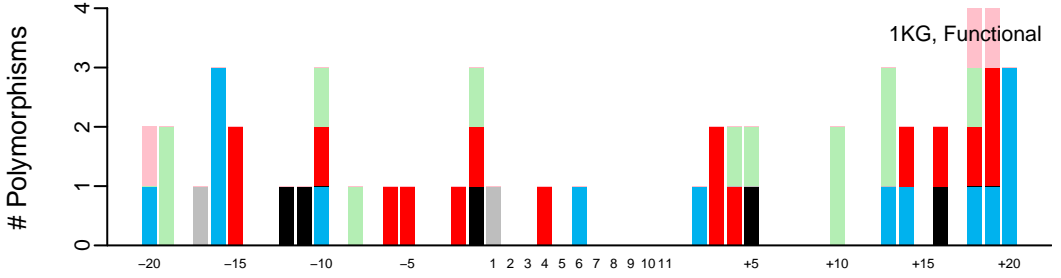


MOTIF POSITION

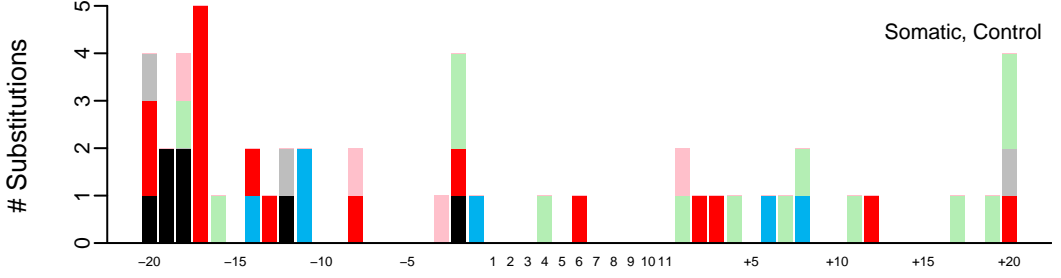
BATF::JUN, MA0462.1



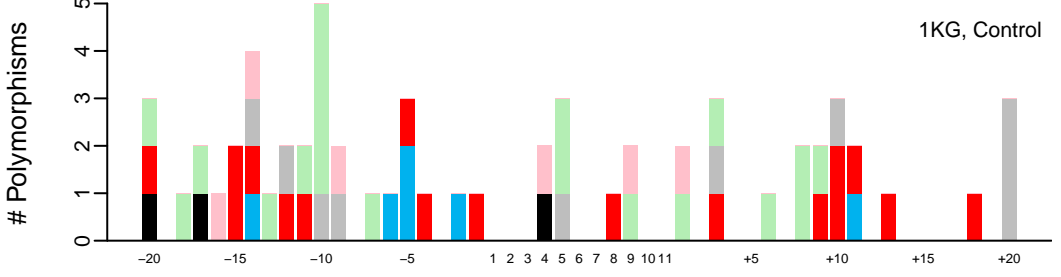
Somatic, Functional



1KG, Functional



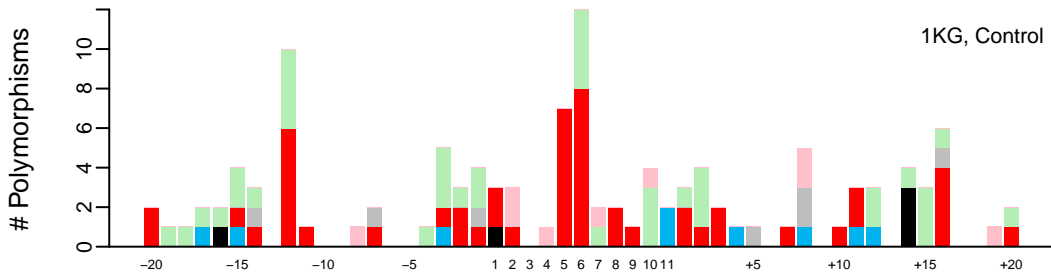
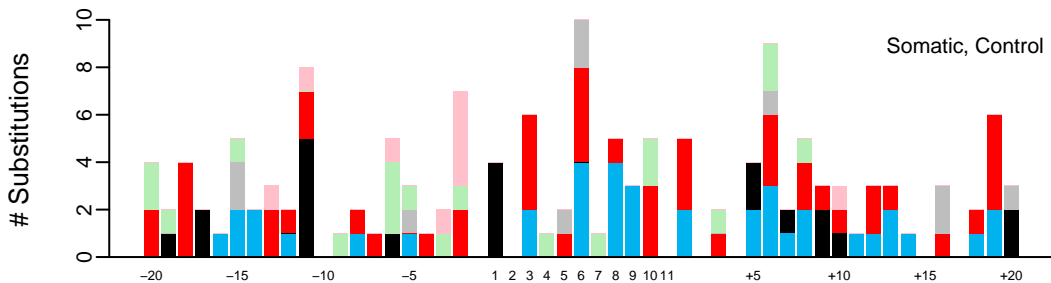
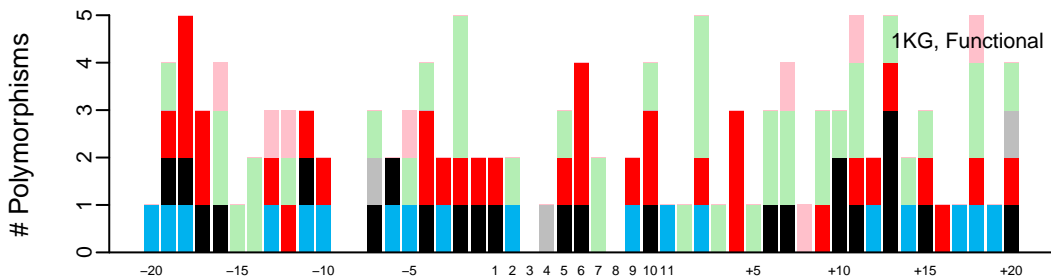
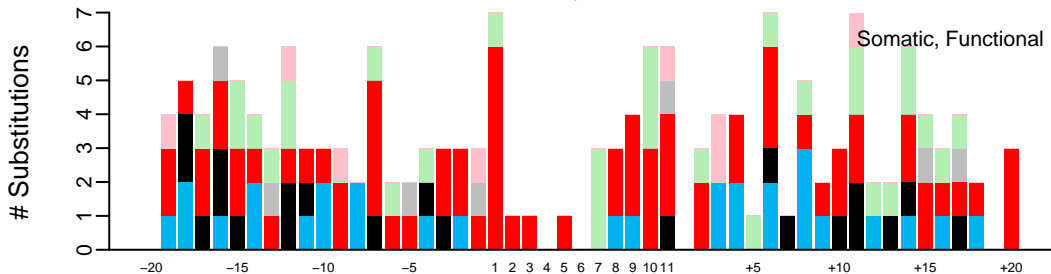
Somatic, Control



1KG, Control

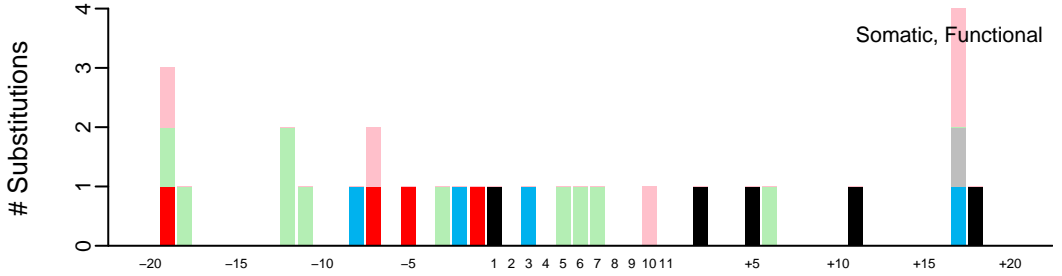
MOTIF POSITION

BHLHE40, MA0464.1

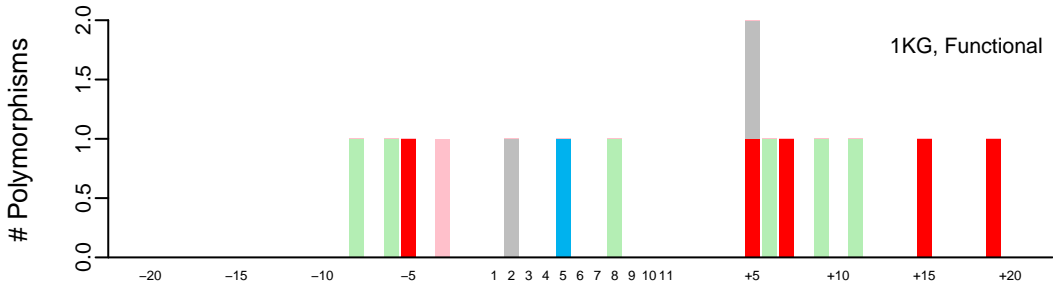


MOTIF POSITION

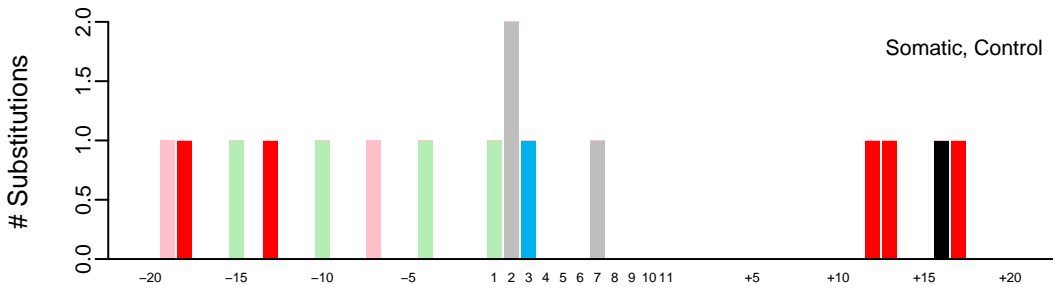
CDX2, MA0465.1



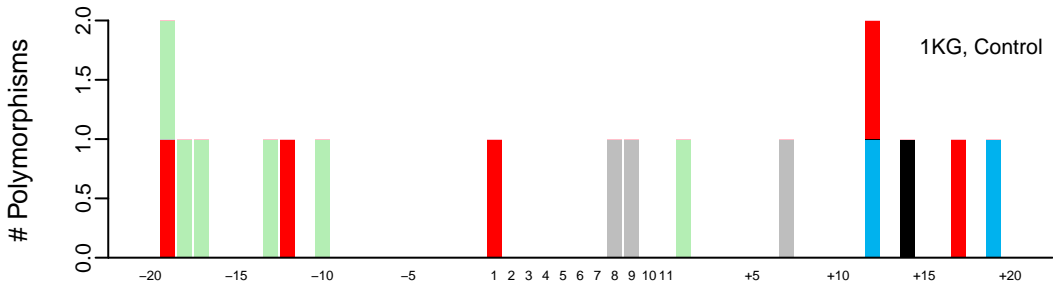
Somatic, Functional



1KG, Functional



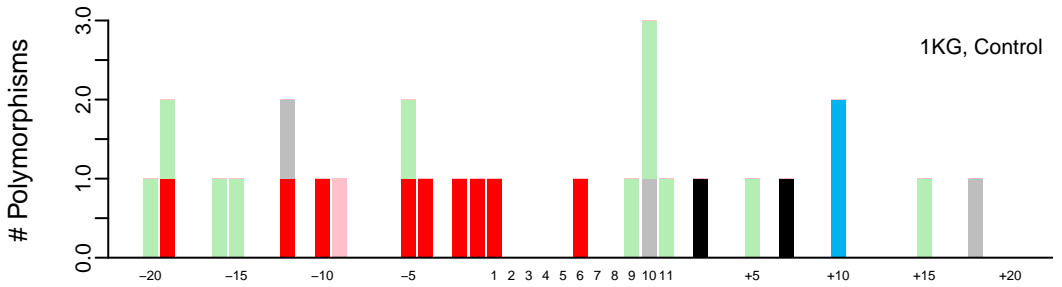
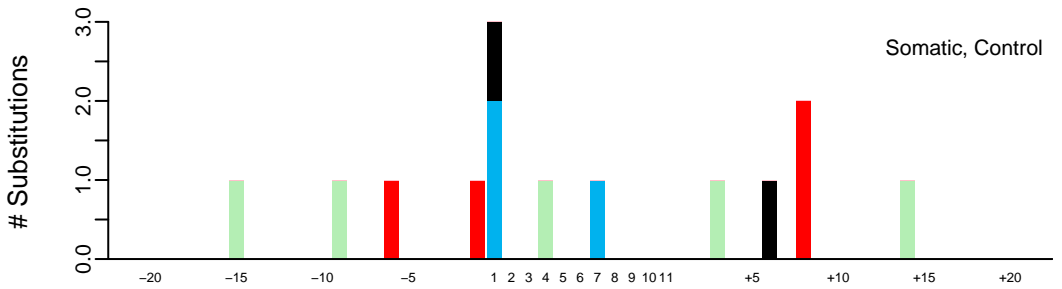
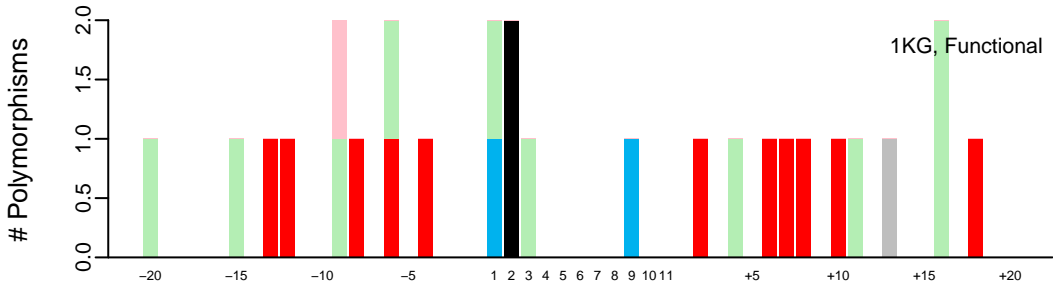
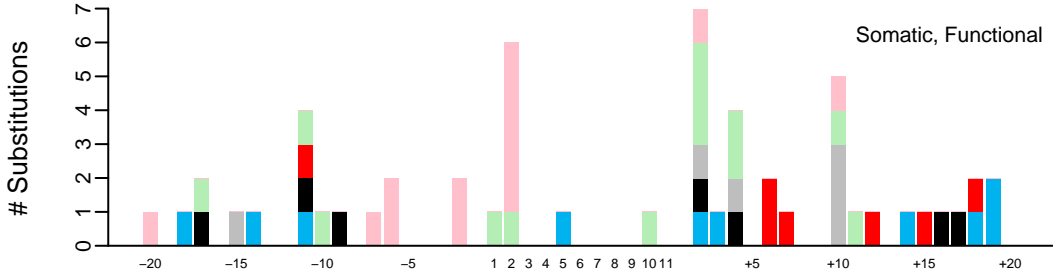
Somatic, Control



1KG, Control

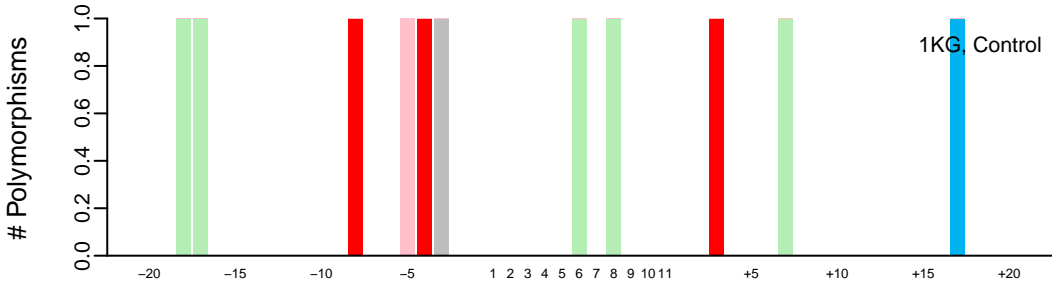
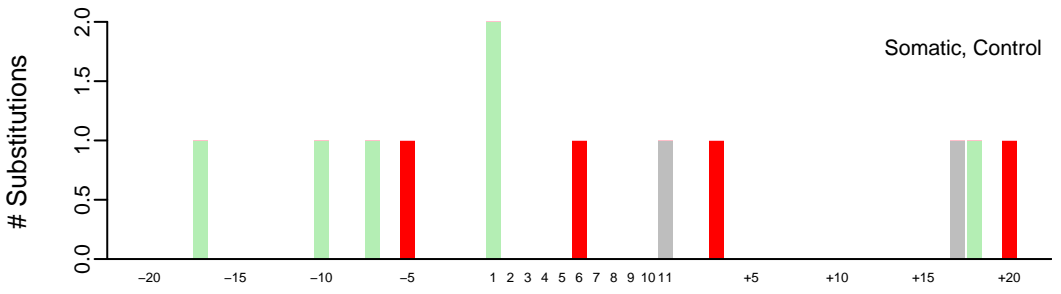
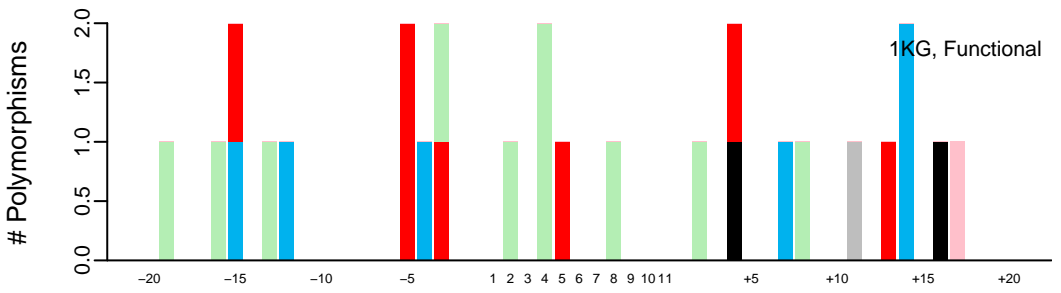
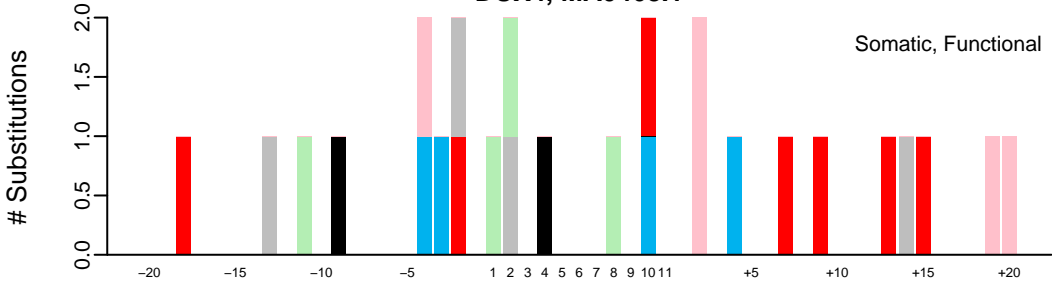
MOTIF POSITION

CEBPB, MA0466.1



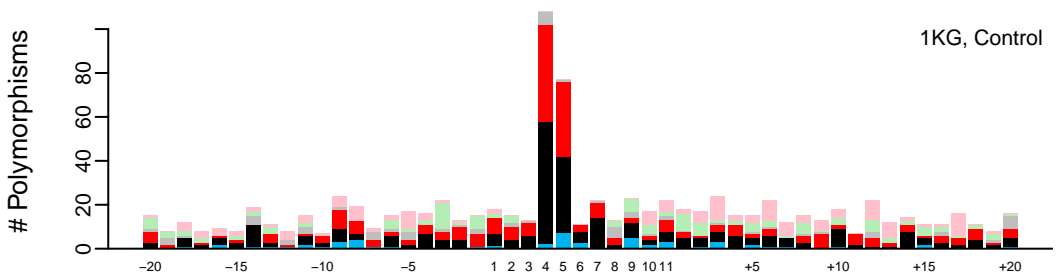
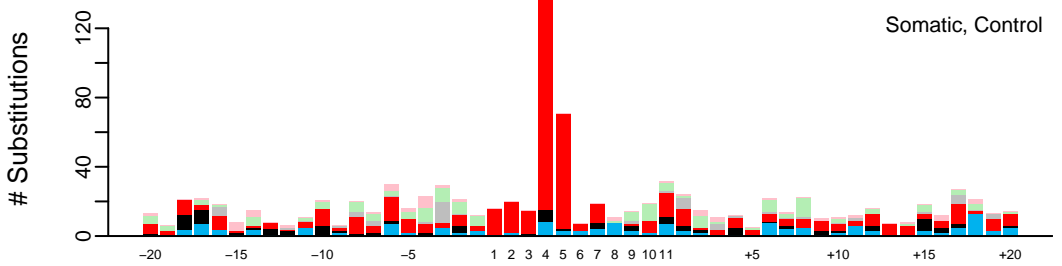
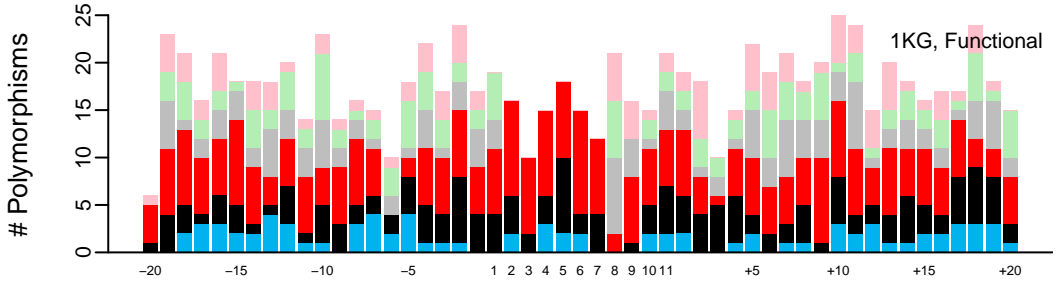
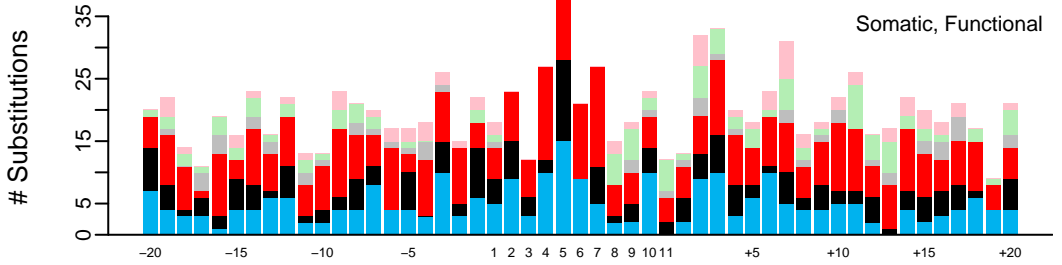
MOTIF POSITION

DUX4, MA0468.1



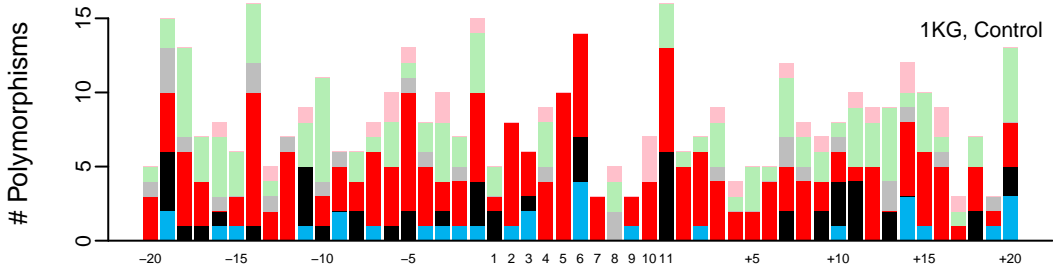
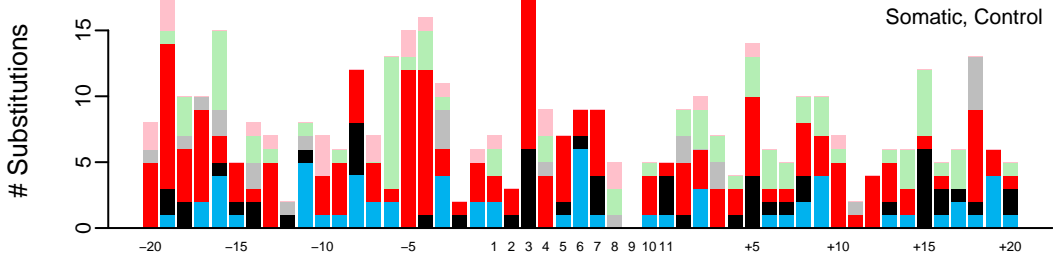
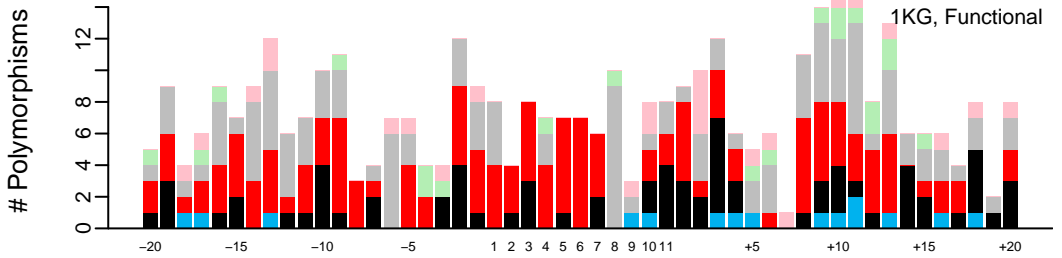
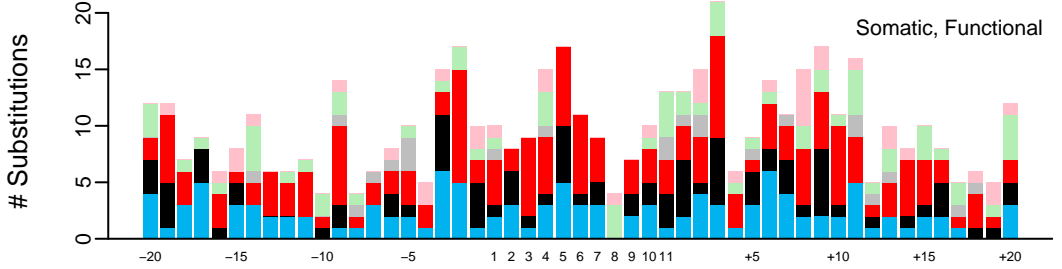
MOTIF POSITION

E2F4, MA0470.1



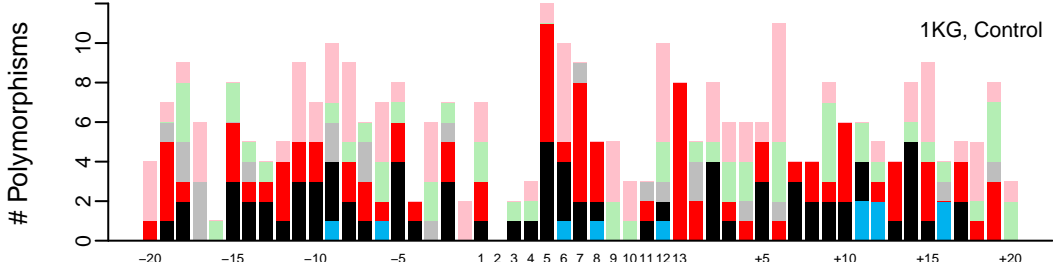
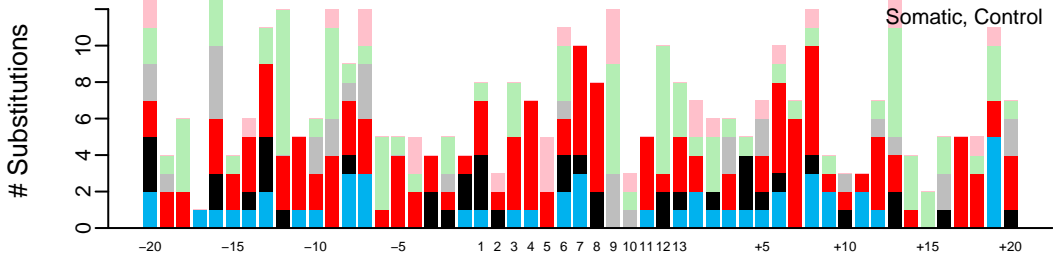
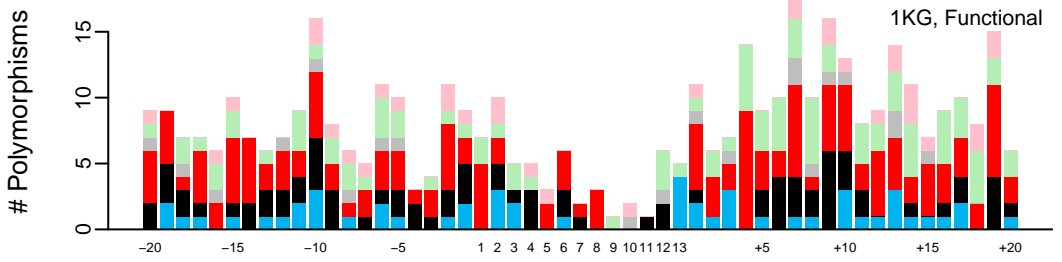
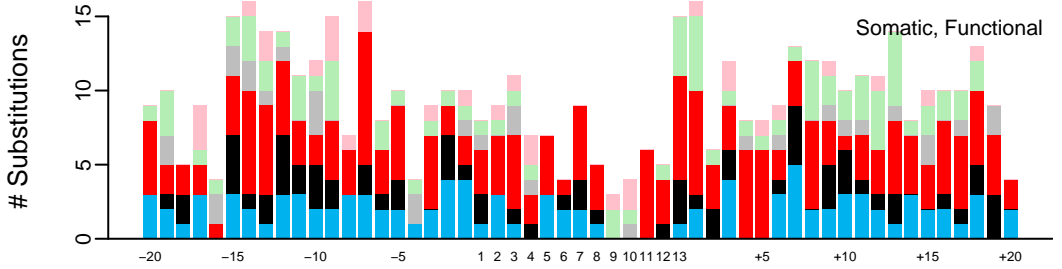
MOTIF POSITION

E2F6, MA0471.1



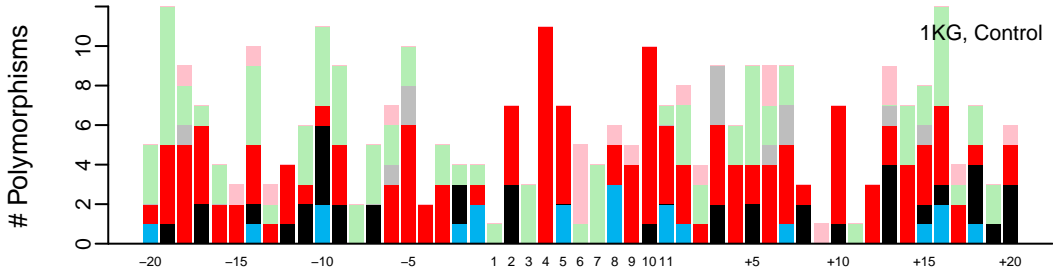
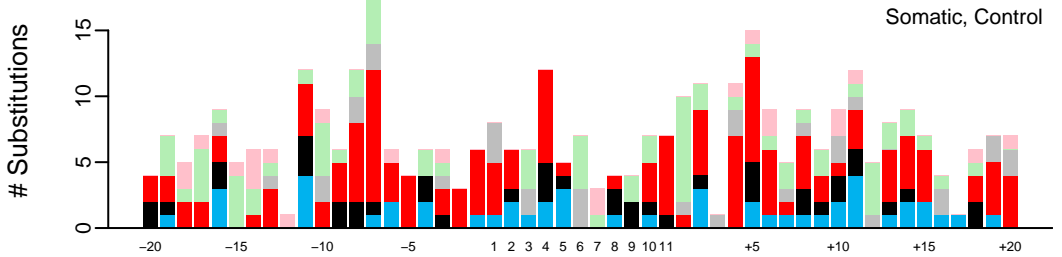
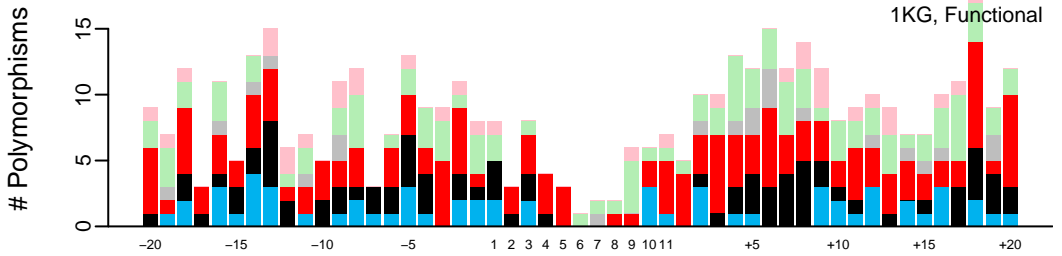
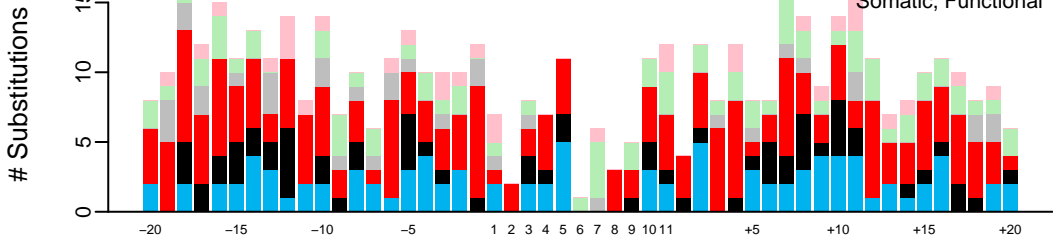
MOTIF POSITION

ELF1, MA0473.1

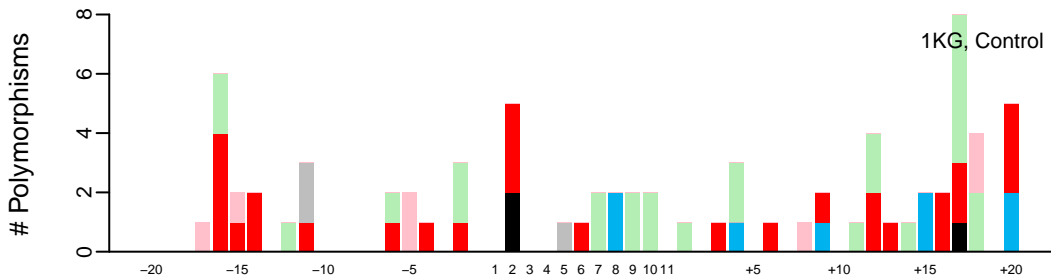
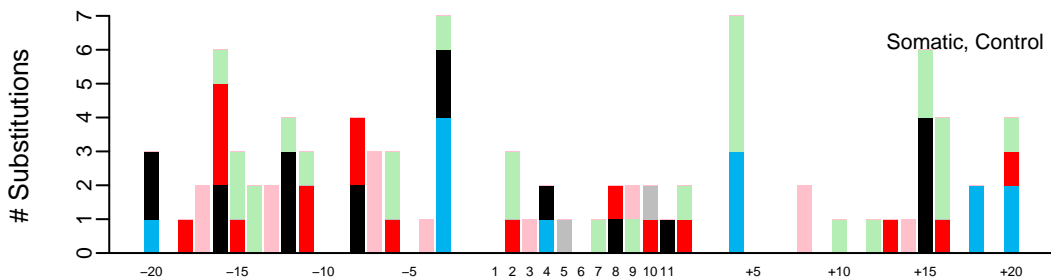
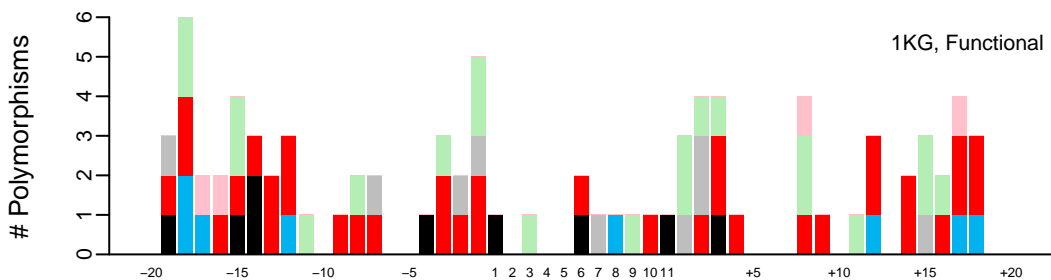
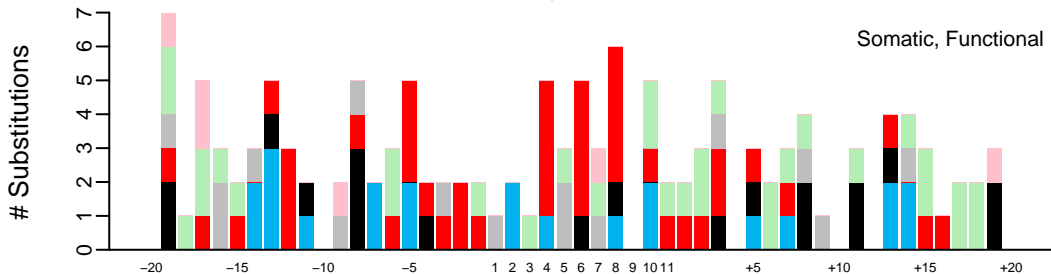


MOTIF POSITION

FLI1, MA0475.1

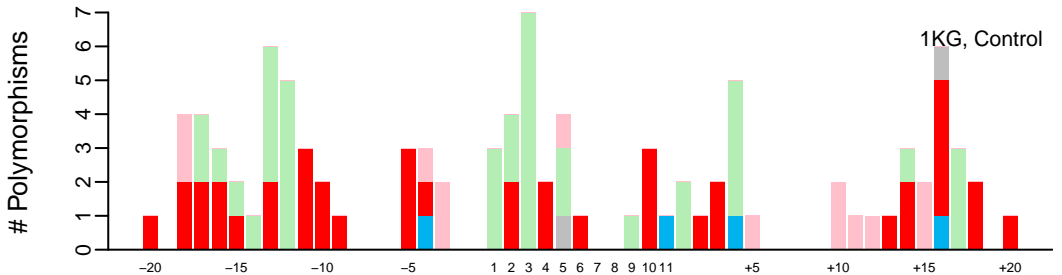
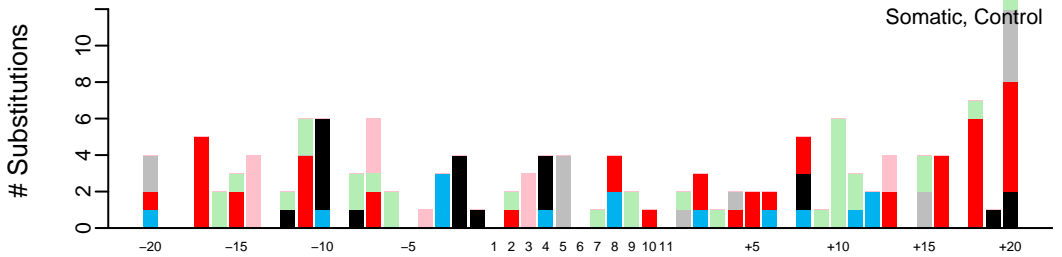
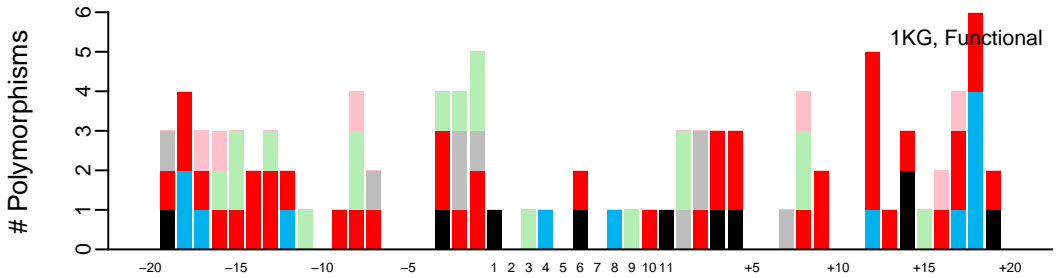
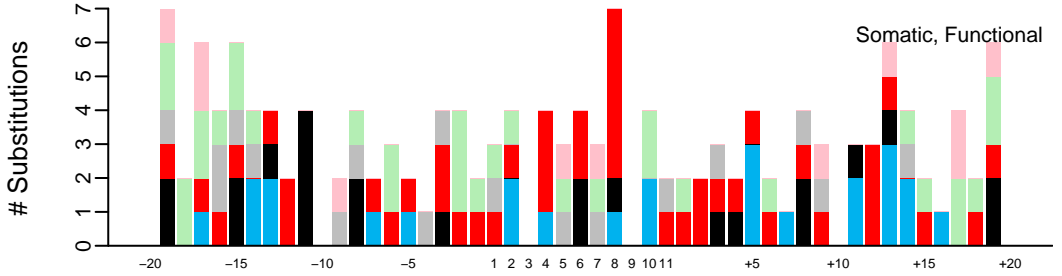


CFOS, MA0476.1



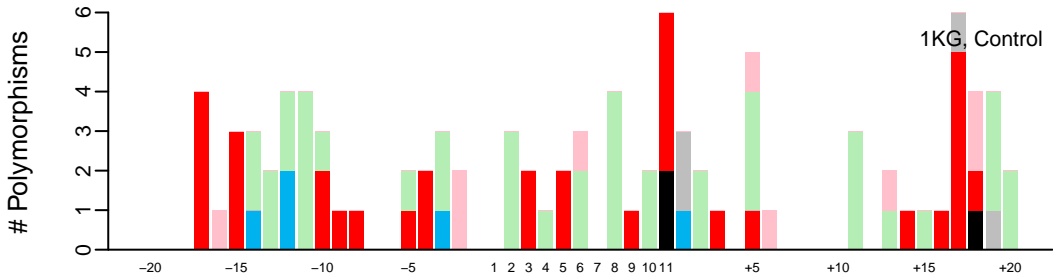
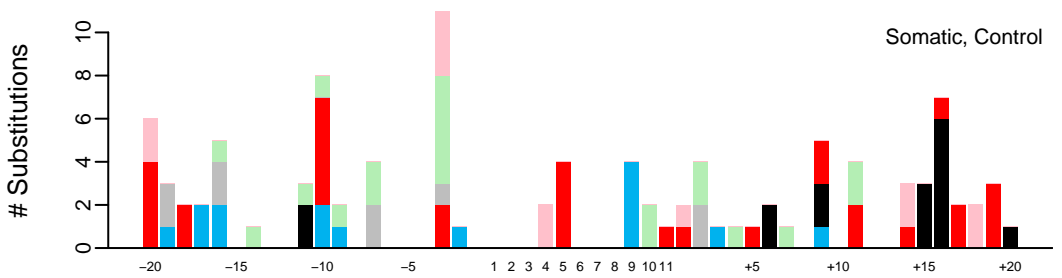
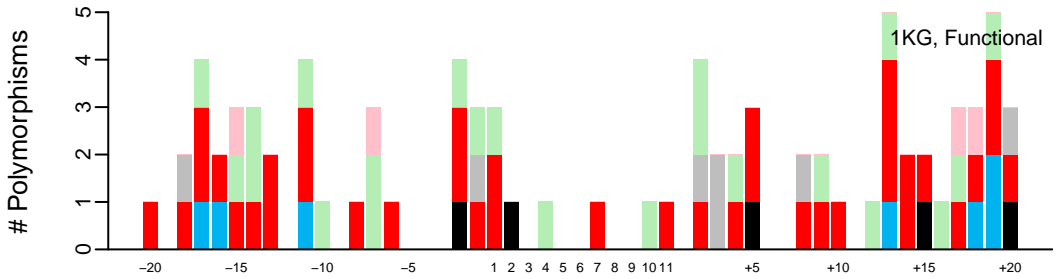
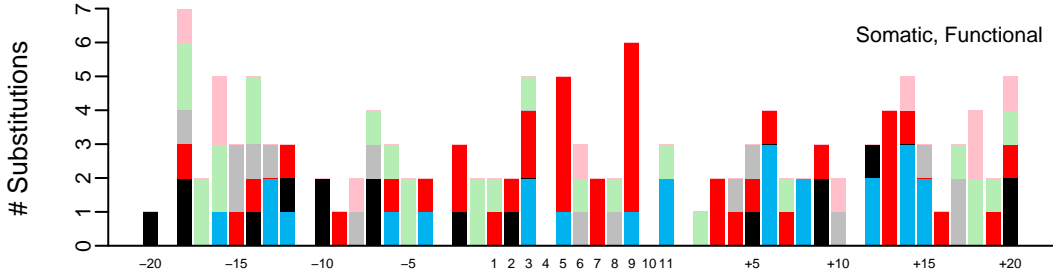
MOTIF POSITION

FOSL1, MA0477.1



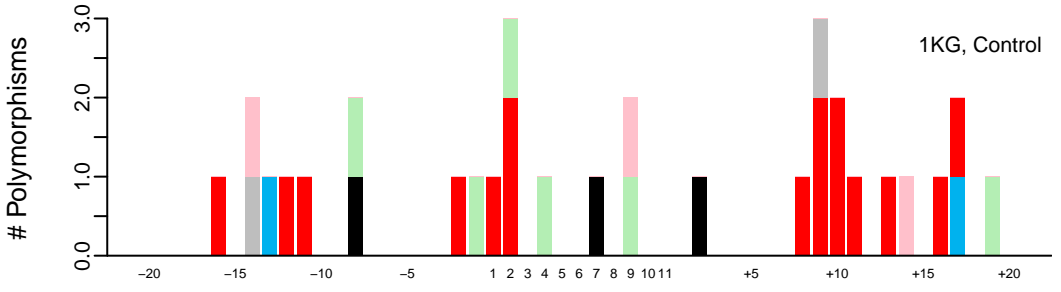
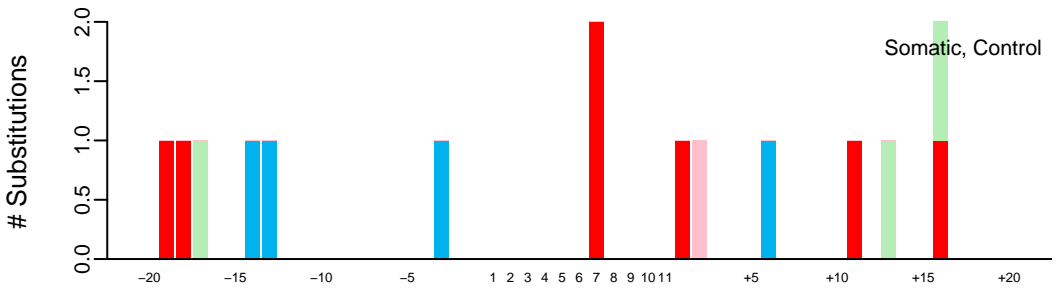
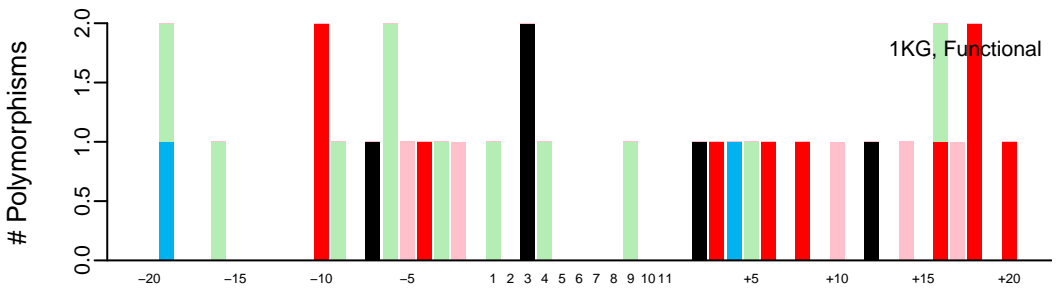
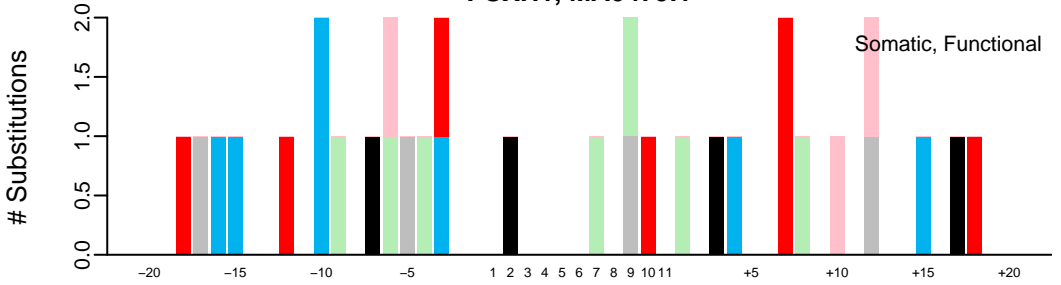
MOTIF POSITION

FOSL2, MA0478.1



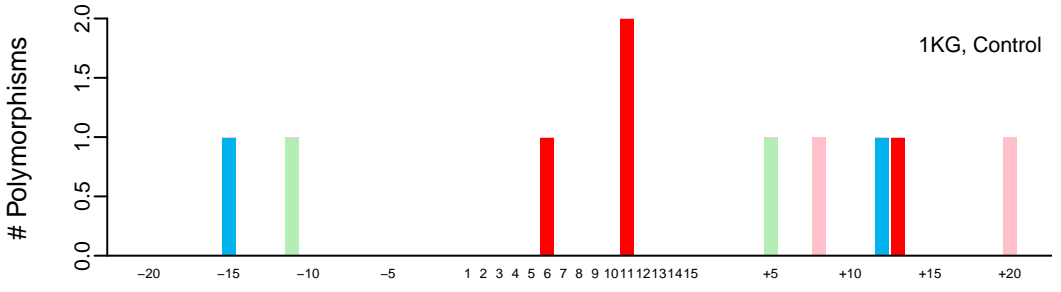
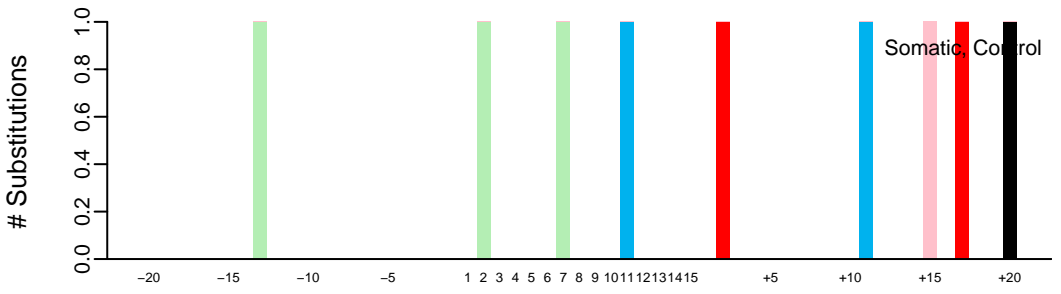
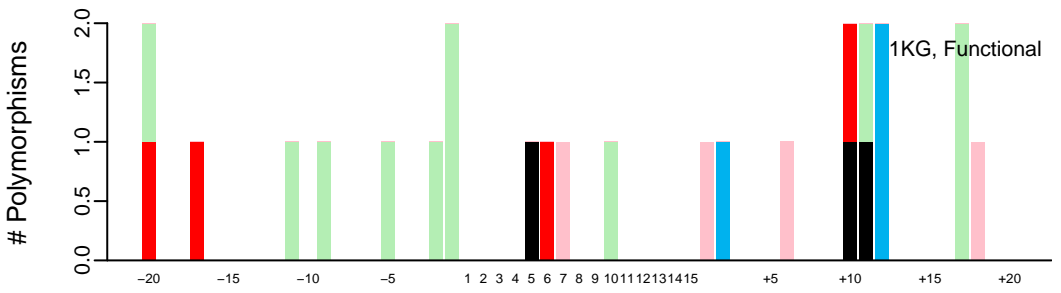
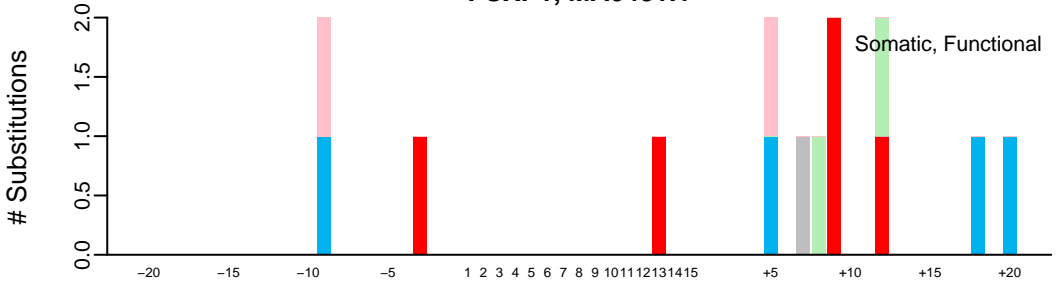
MOTIF POSITION

FOXH1, MA0479.1



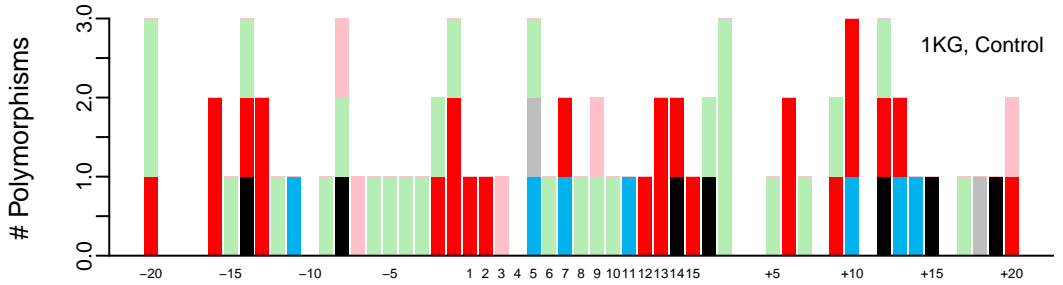
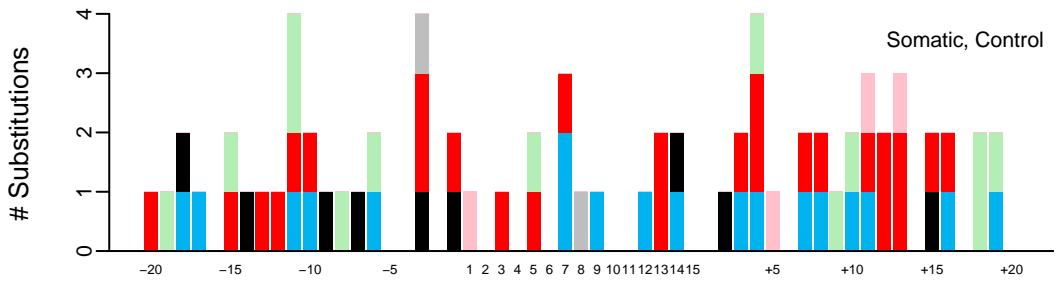
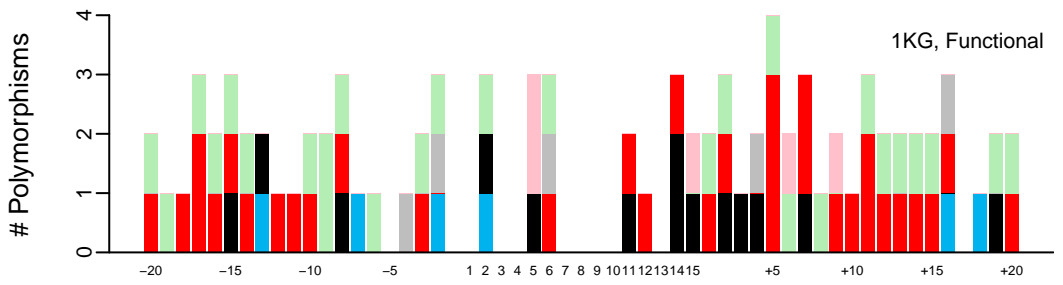
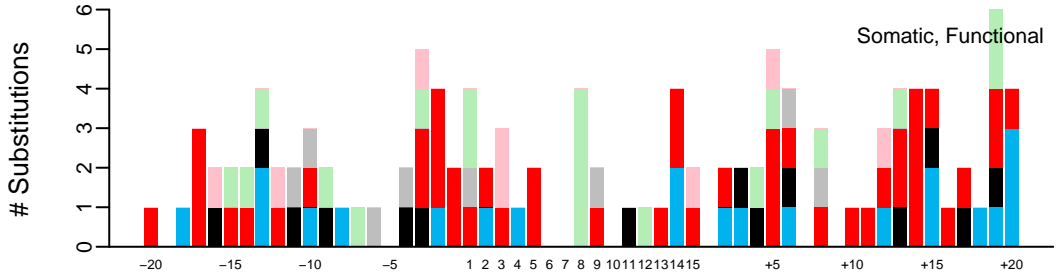
MOTIF POSITION

FOXP1, MA0481.1



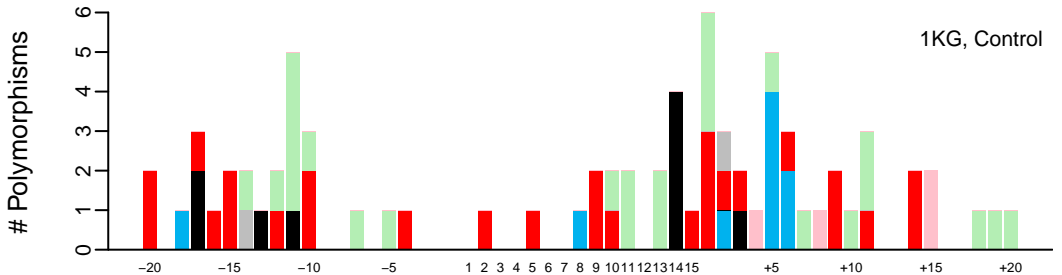
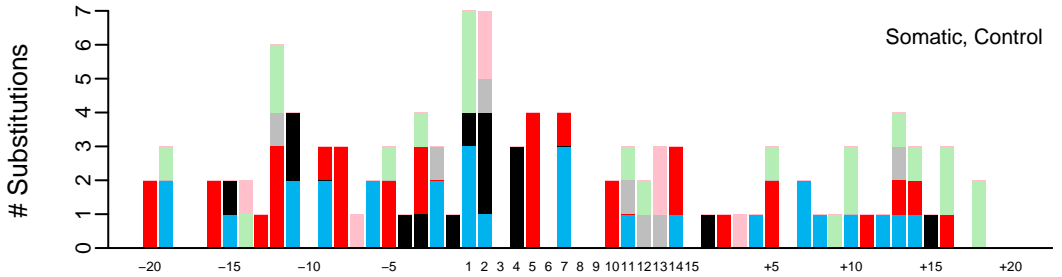
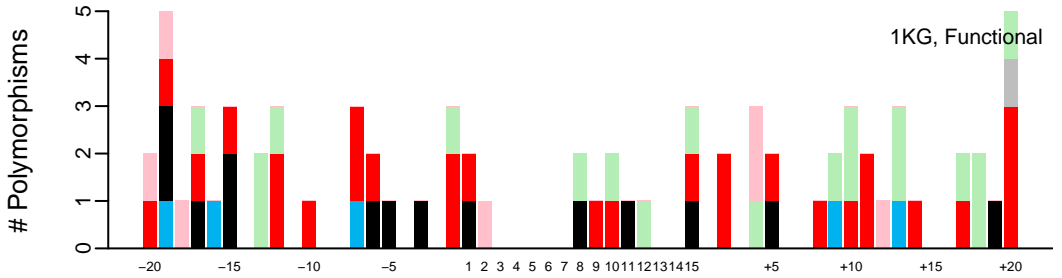
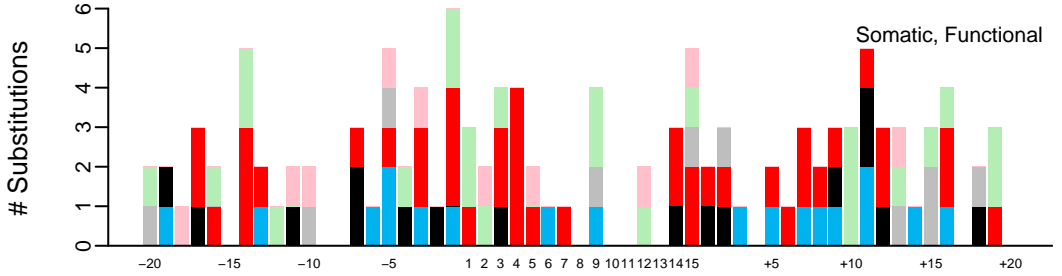
MOTIF POSITION

HNF4G, MA0484.1



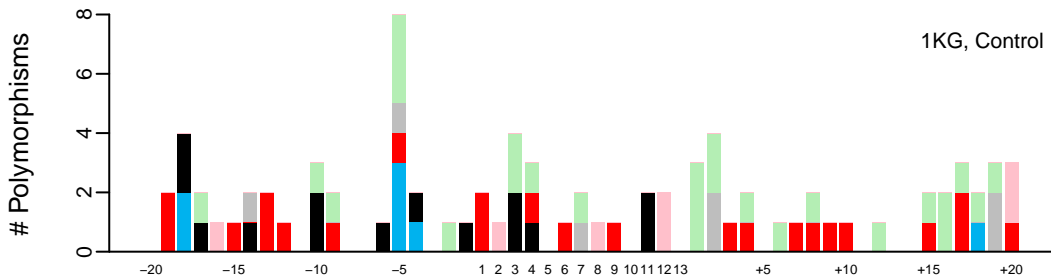
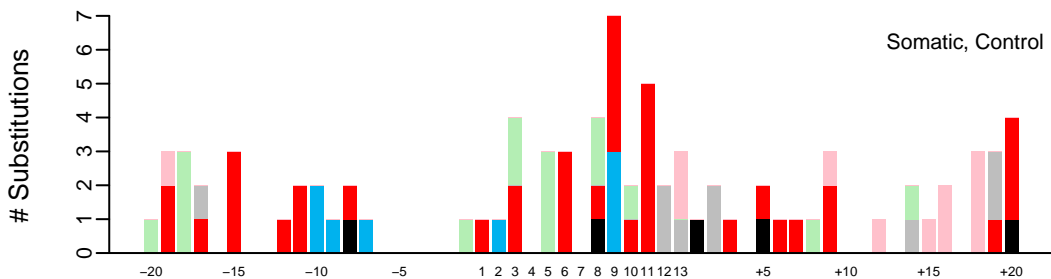
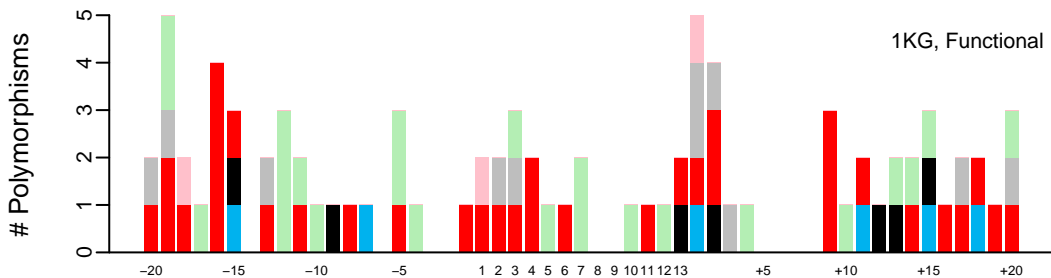
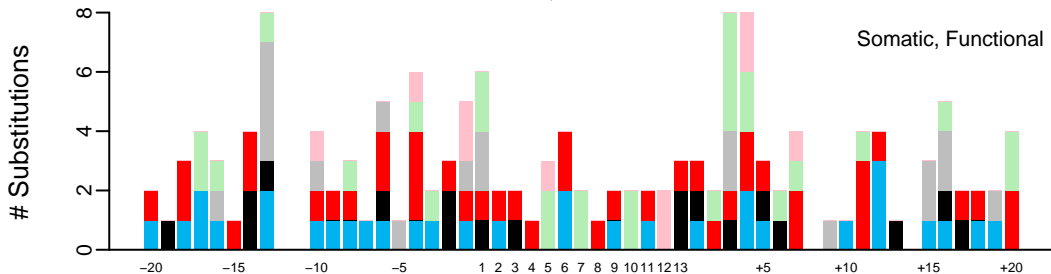
MOTIF POSITION

HSF1, MA0486.1



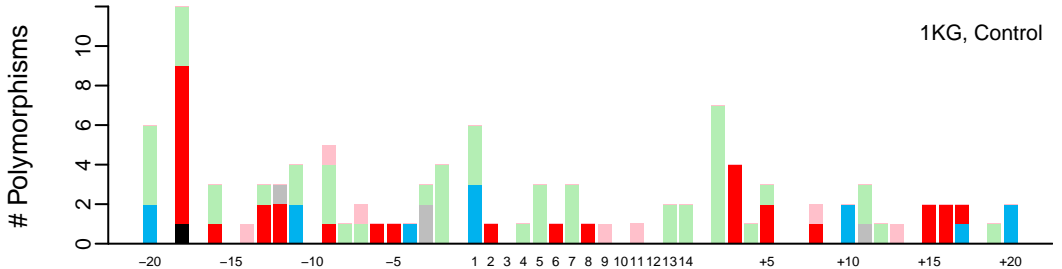
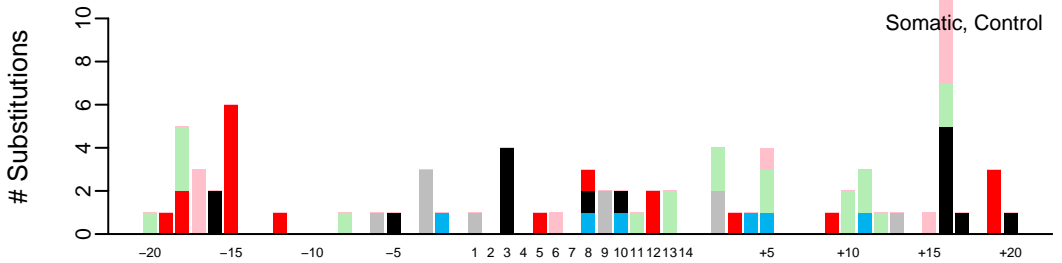
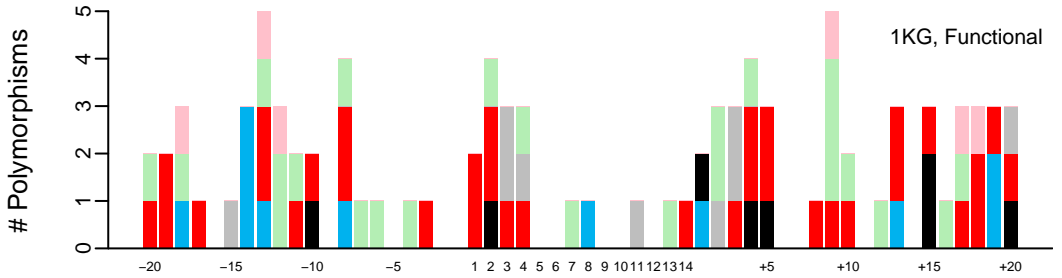
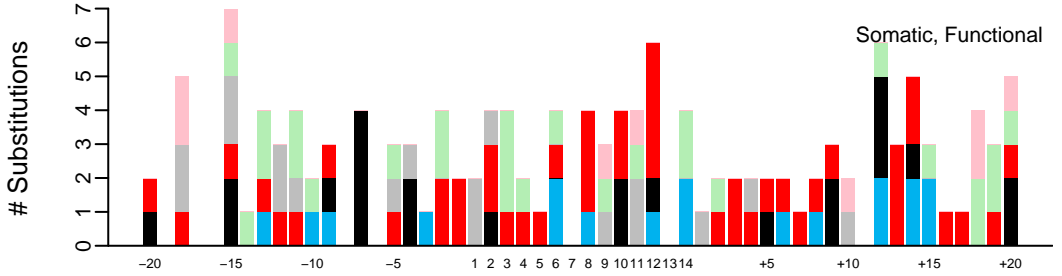
MOTIF POSITION

CJUN, MA0488.1



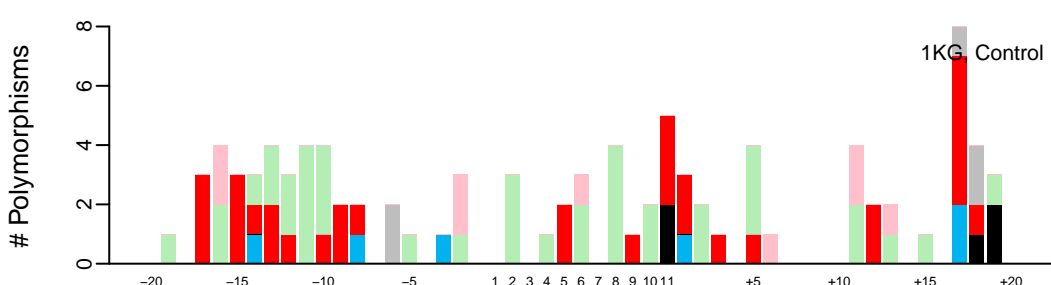
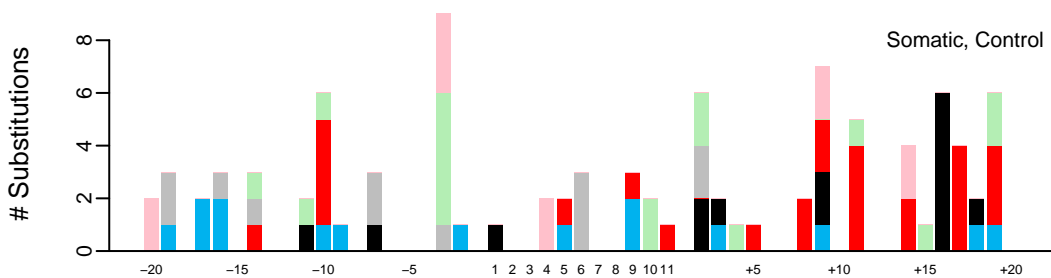
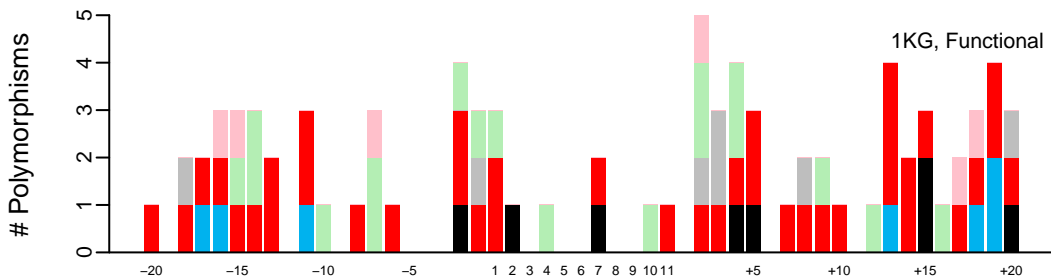
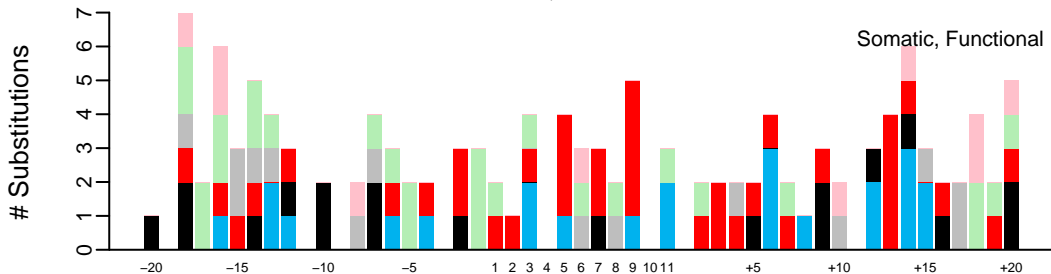
MOTIF POSITION

CJUN, MA0489.1



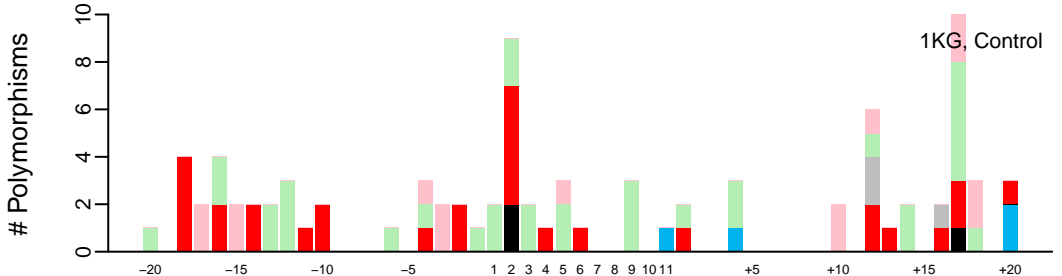
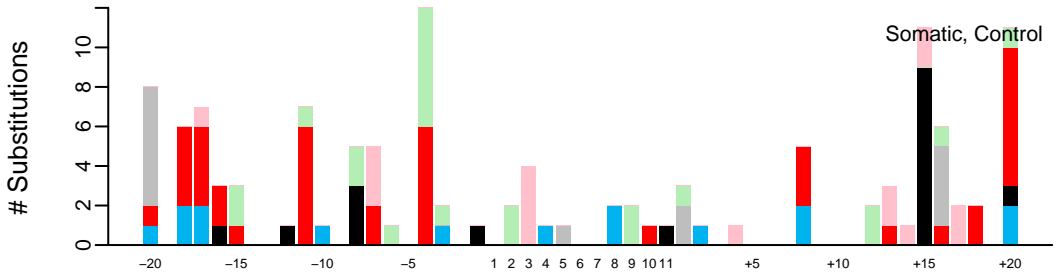
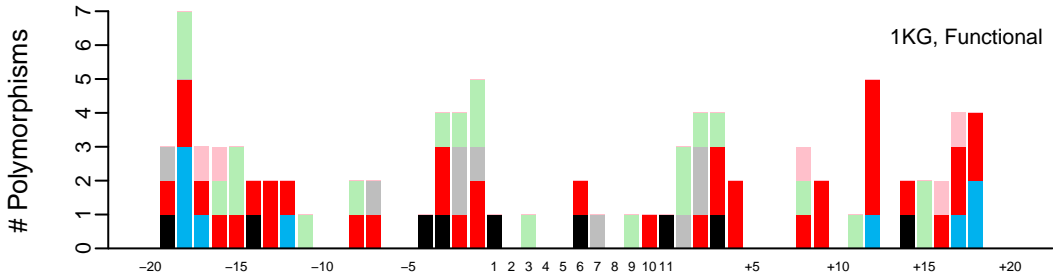
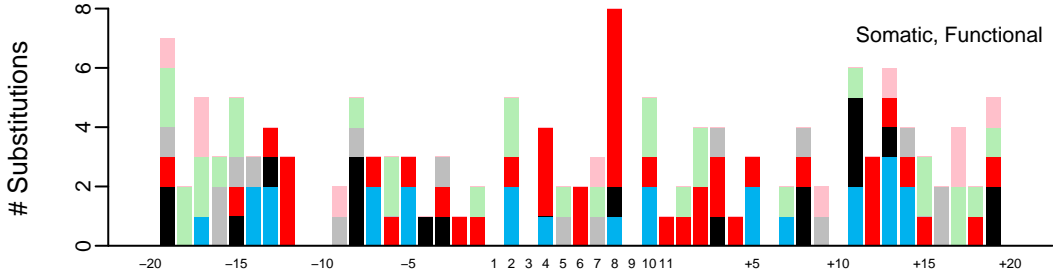
MOTIF POSITION

JUNB, MA0490.1



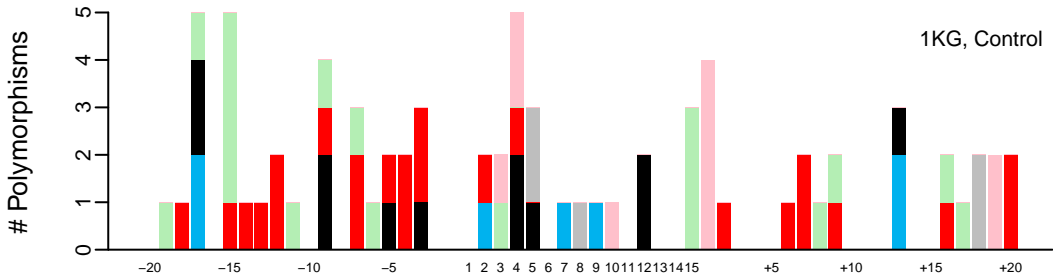
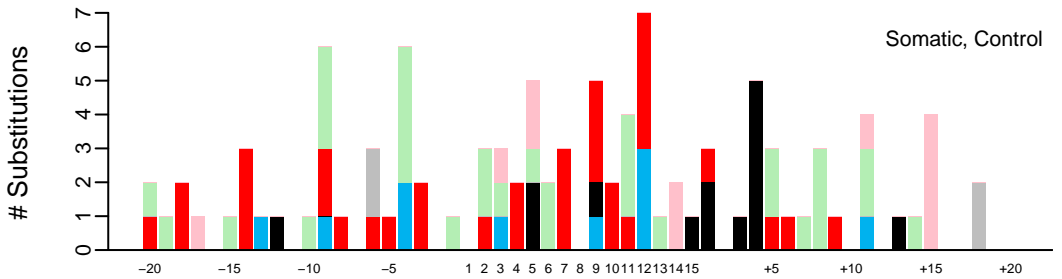
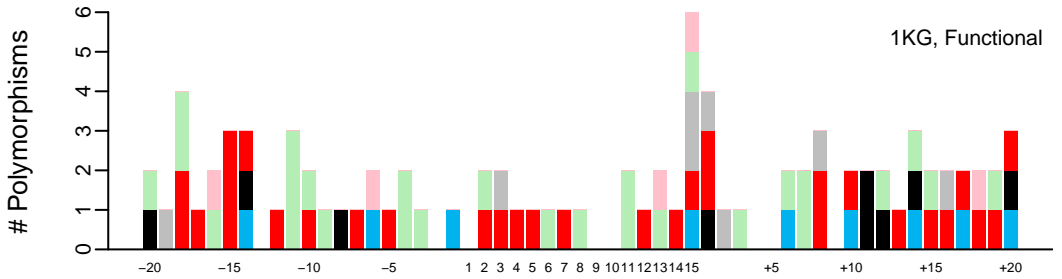
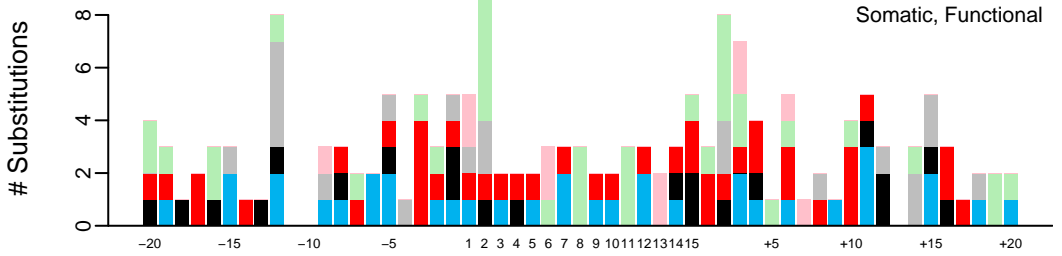
MOTIF POSITION

JUND, MA0491.1



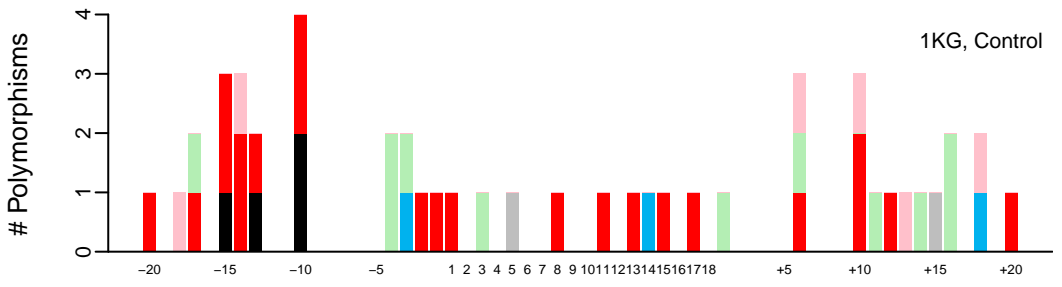
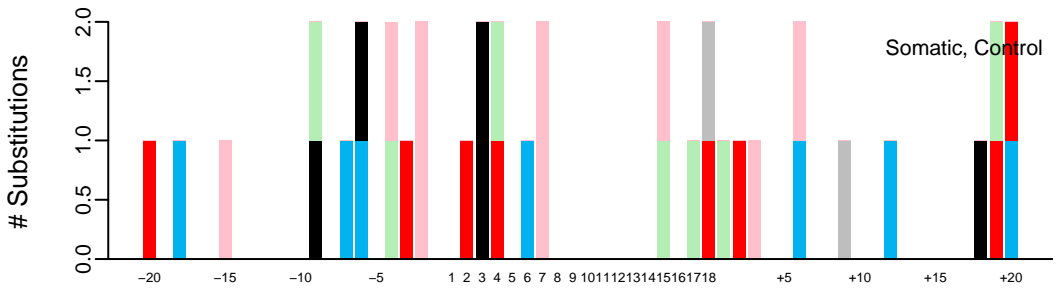
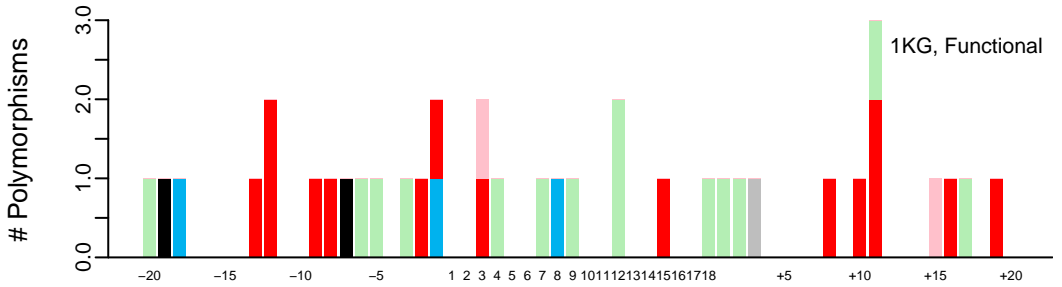
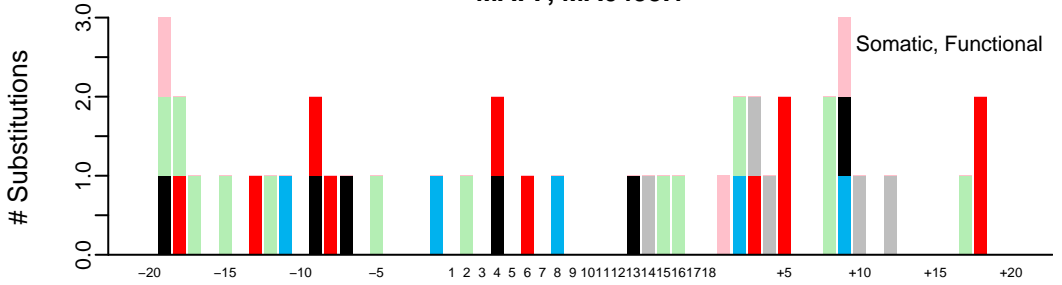
MOTIF POSITION

JUND, MA0492.1



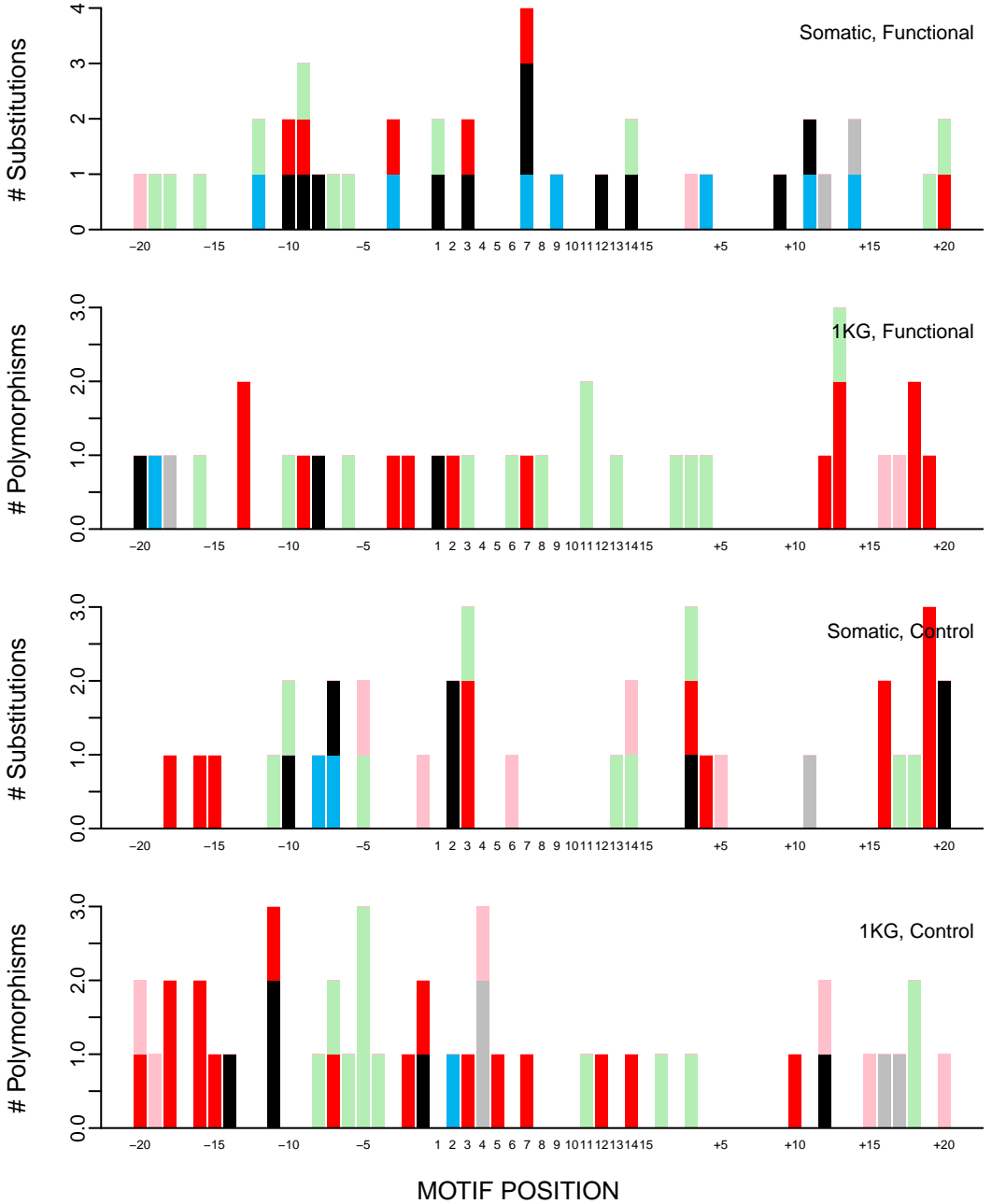
MOTIF POSITION

MAFF, MA0495.1

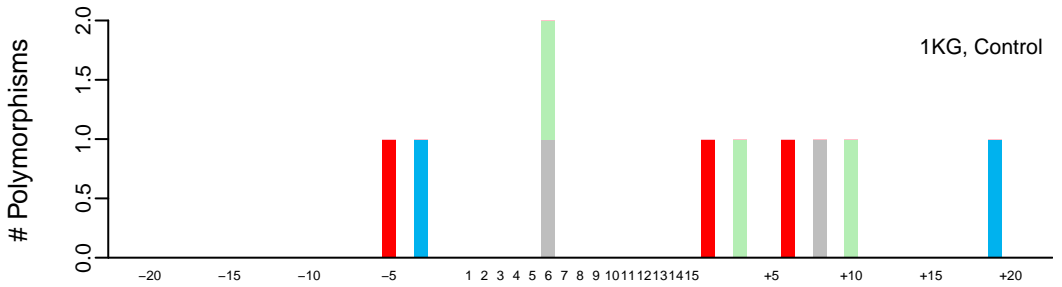
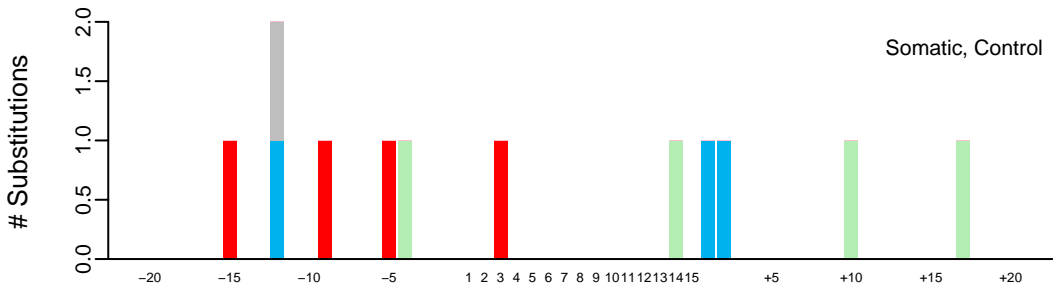
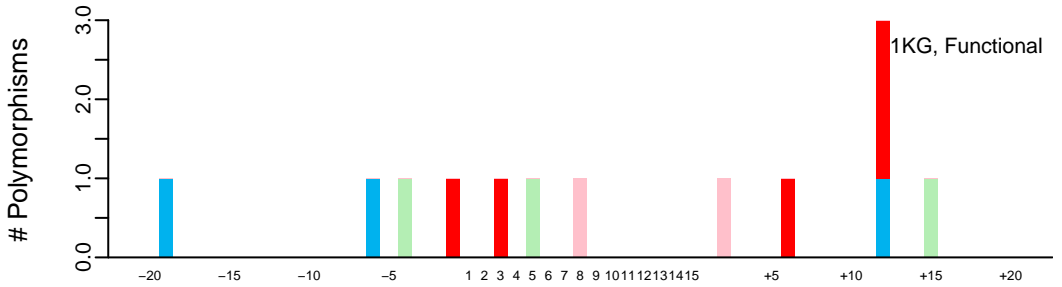
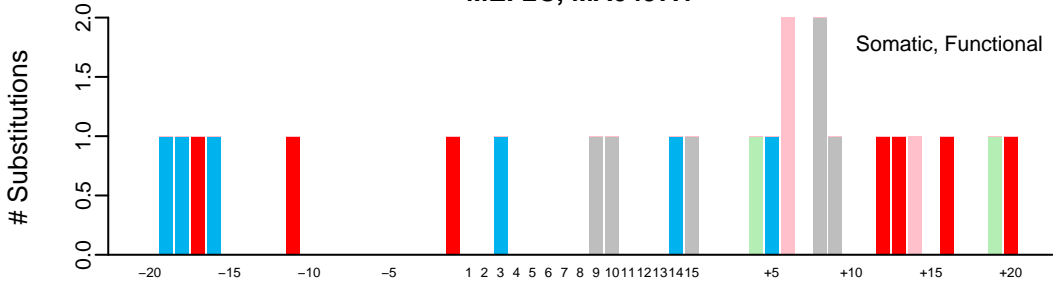


MOTIF POSITION

MAFK, MA0496.1

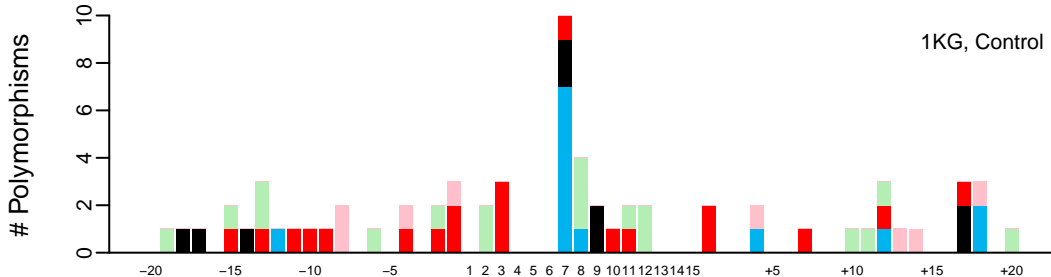
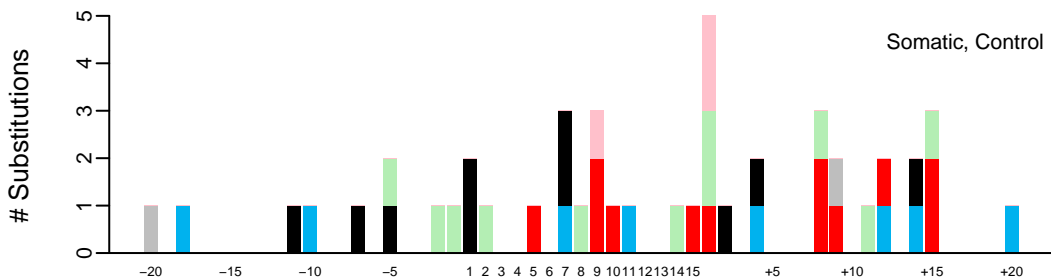
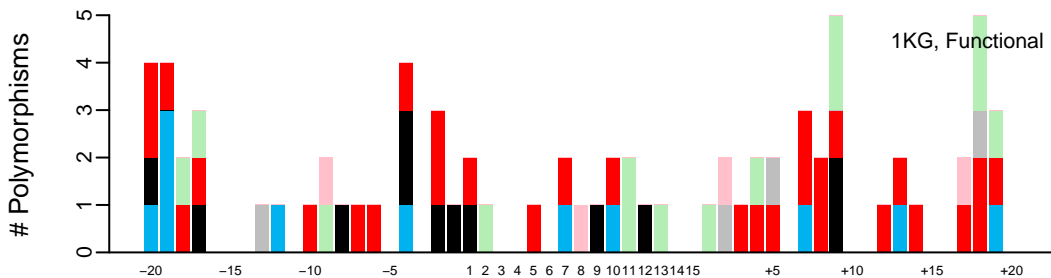
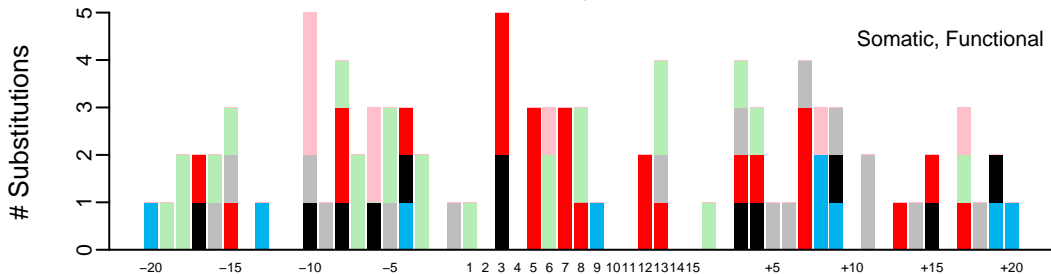


MEF2C, MA0497.1



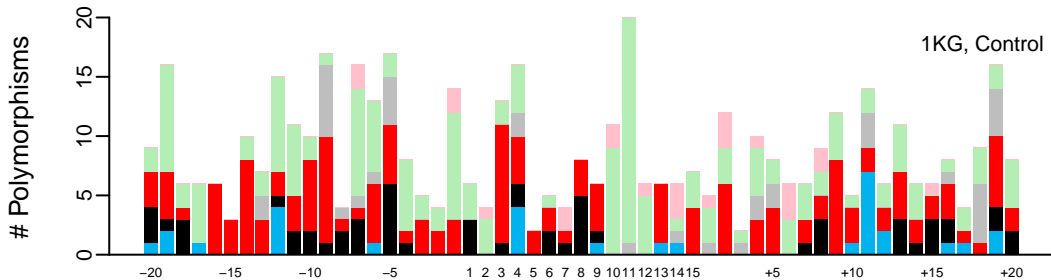
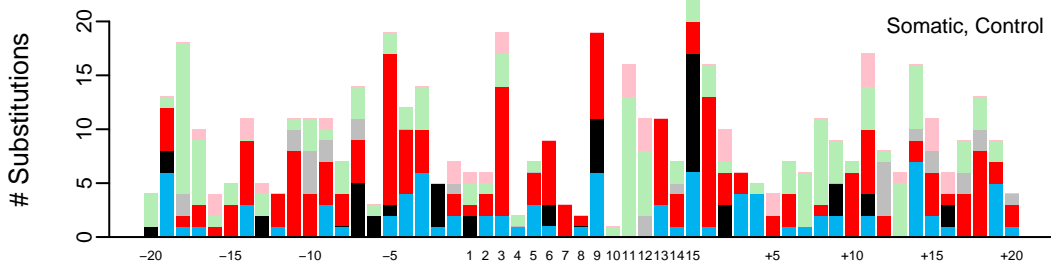
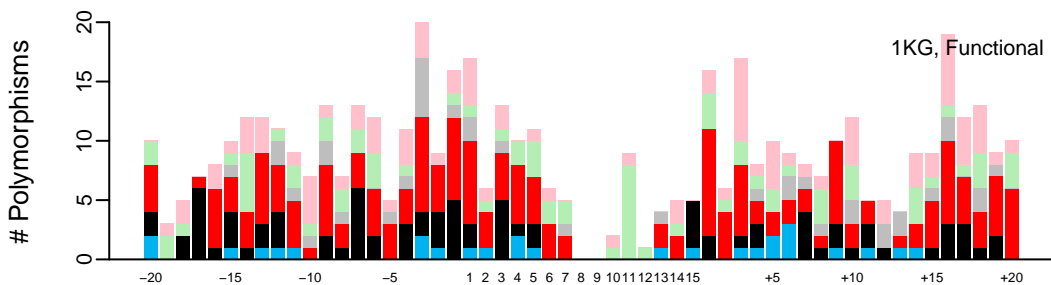
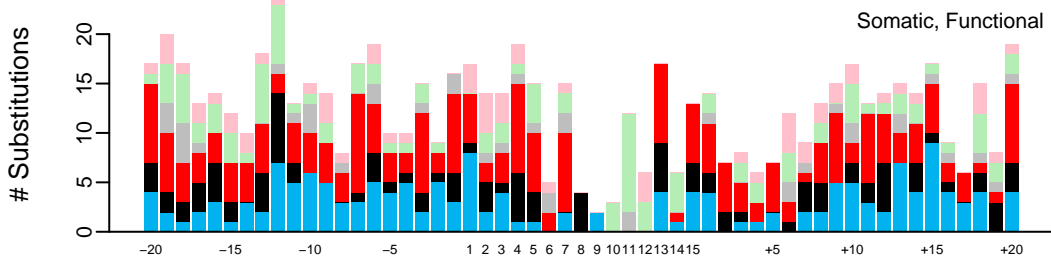
MOTIF POSITION

NFE2::MAF, MA0501.1



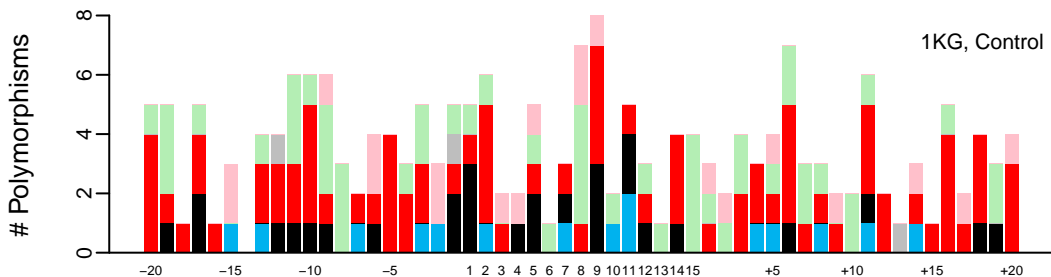
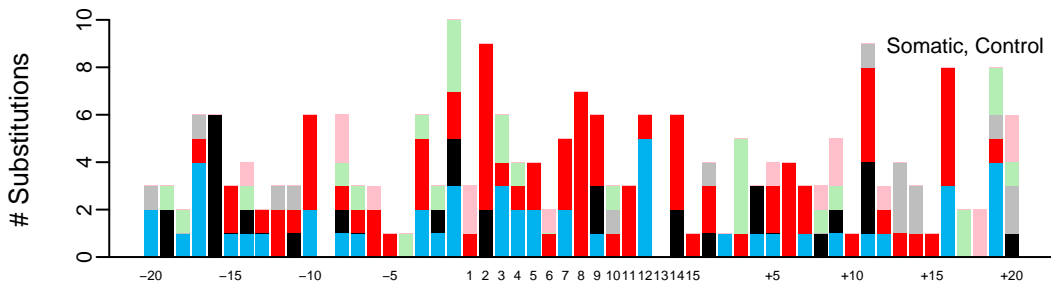
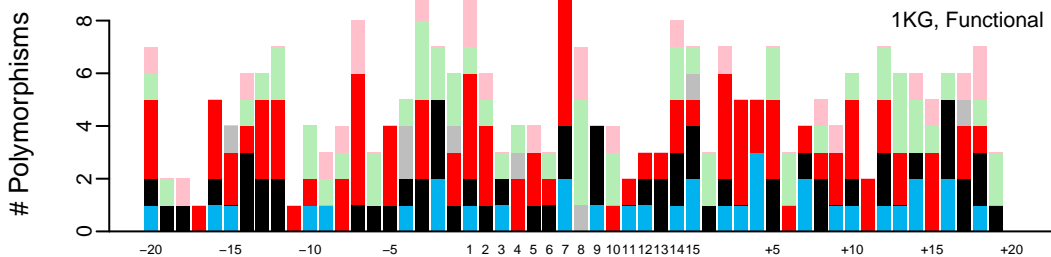
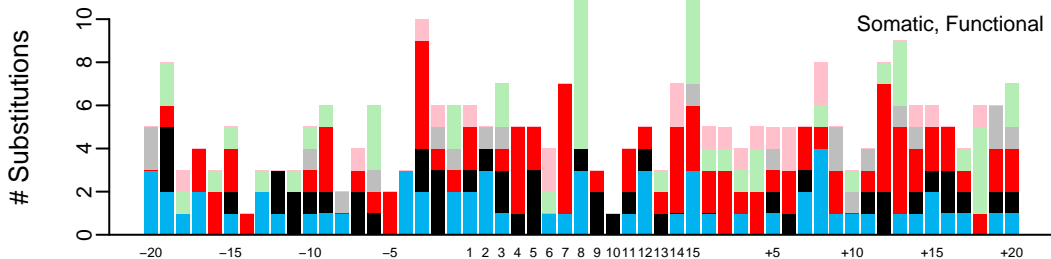
MOTIF POSITION

NFYB, MA0502.1



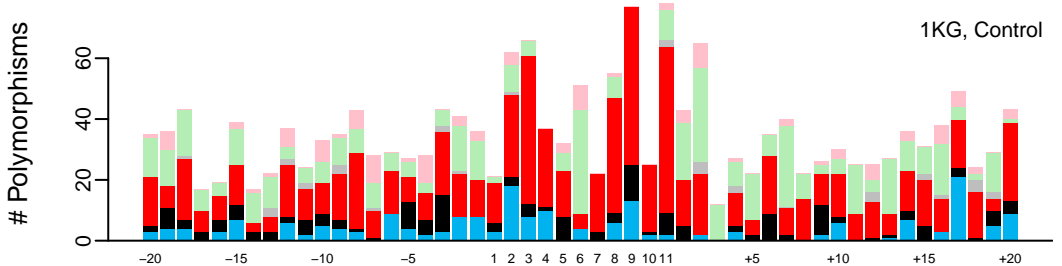
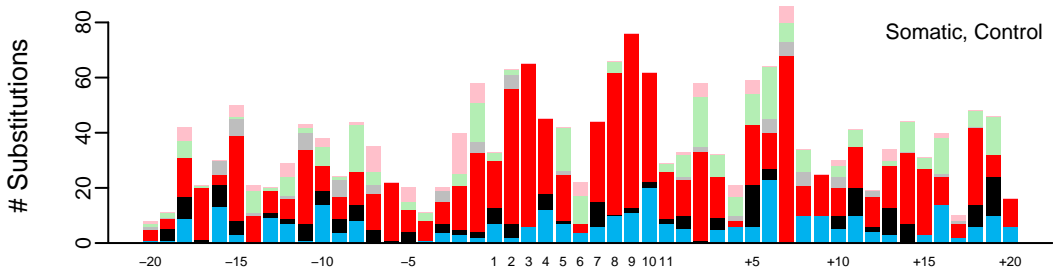
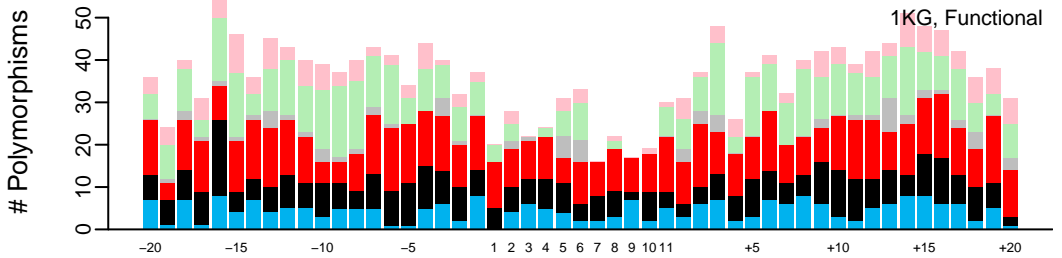
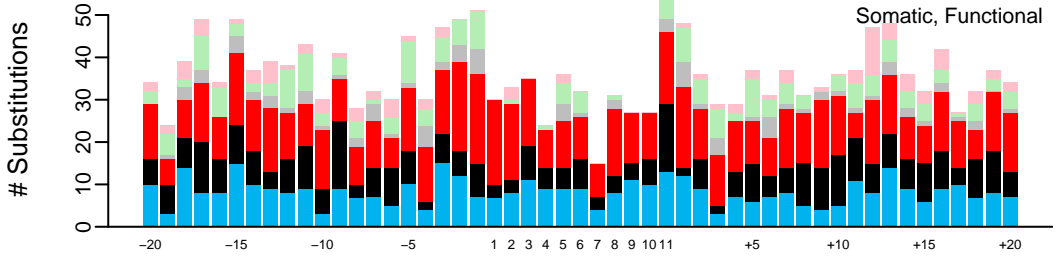
MOTIF POSITION

TR4, MA0504.1



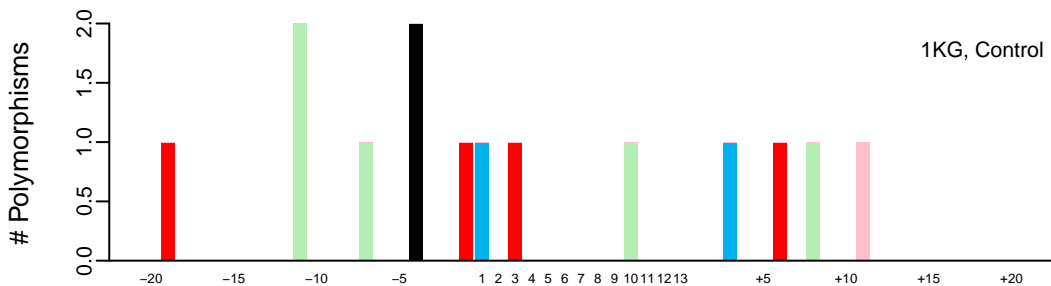
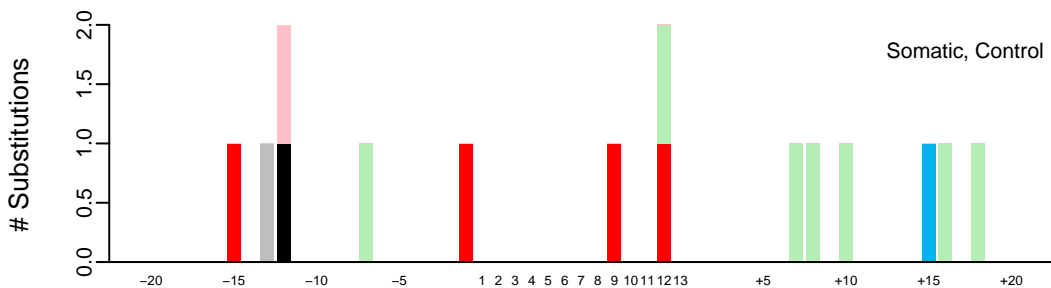
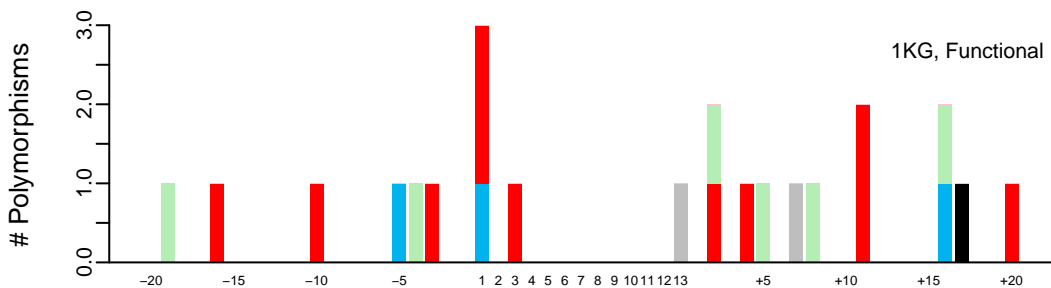
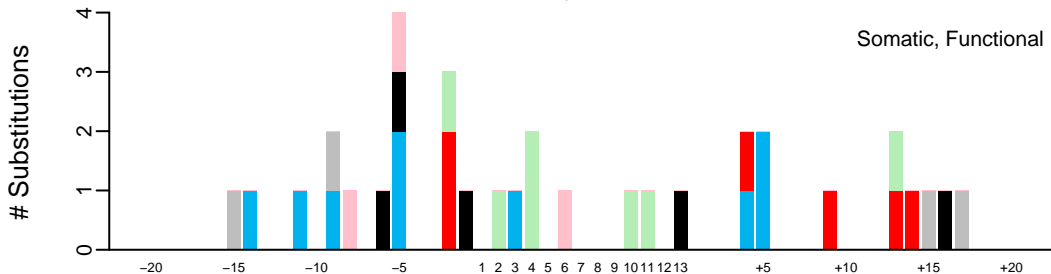
MOTIF POSITION

NRF1, MA0506.1



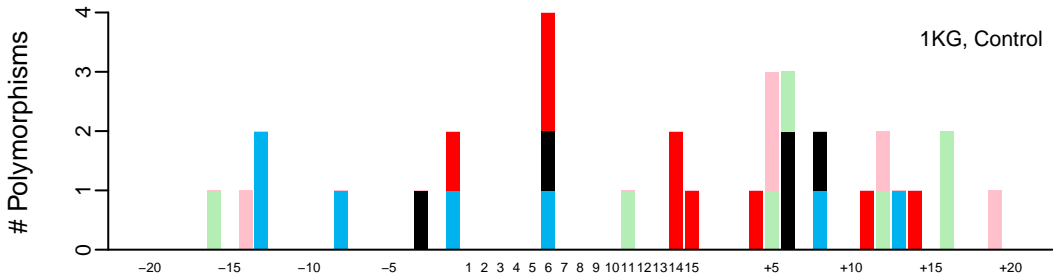
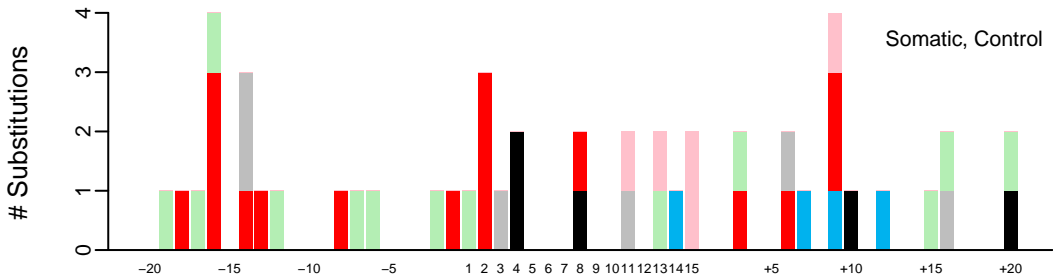
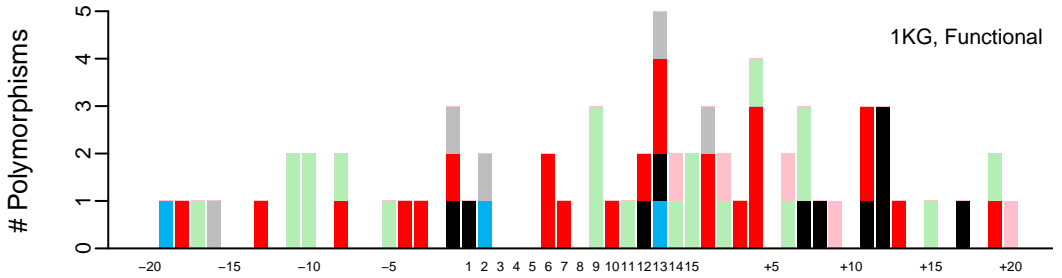
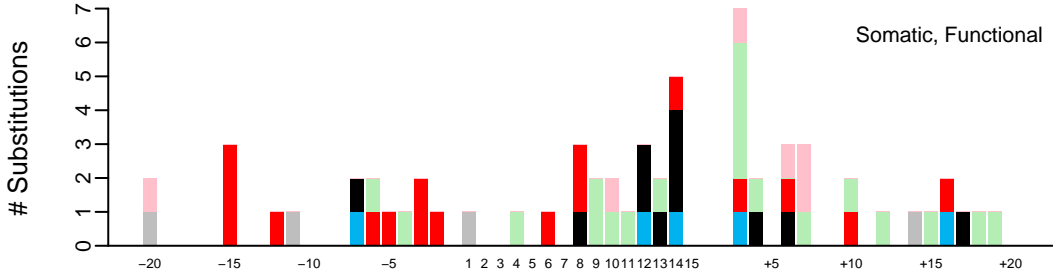
MOTIF POSITION

POU2F2, MA0507.1



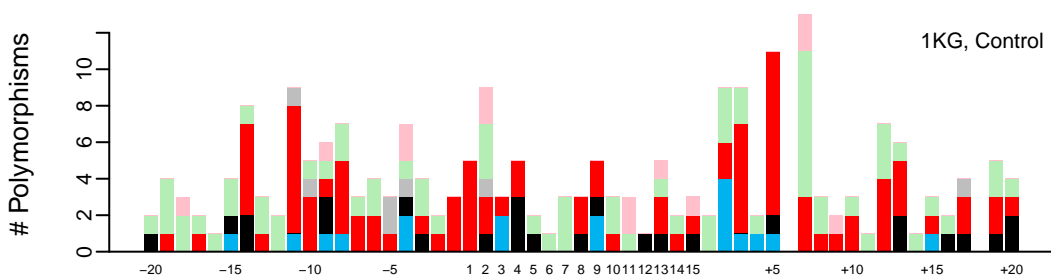
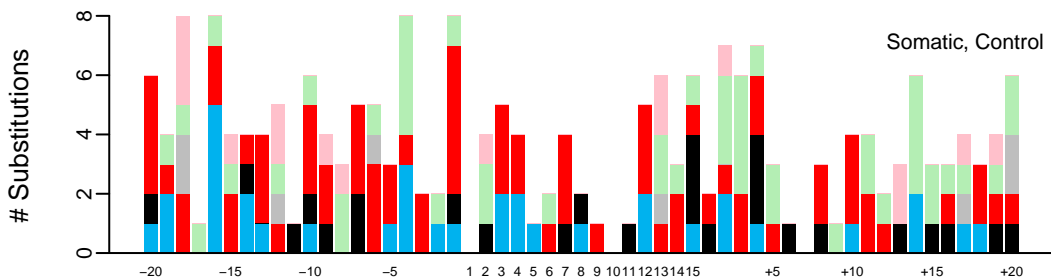
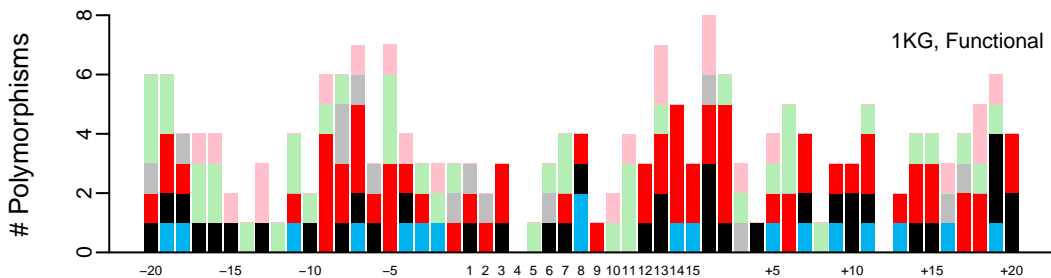
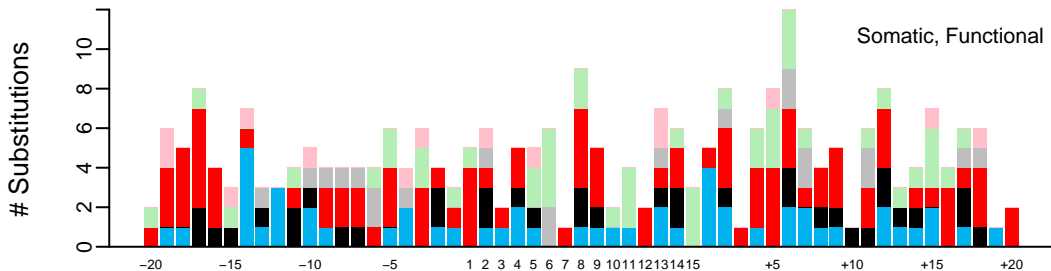
MOTIF POSITION

PRDM1, MA0508.1



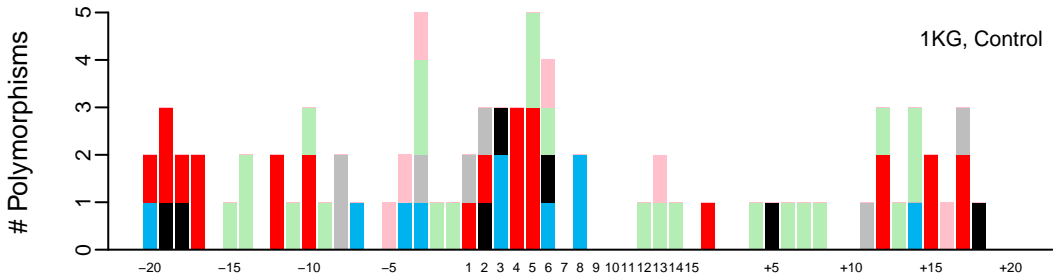
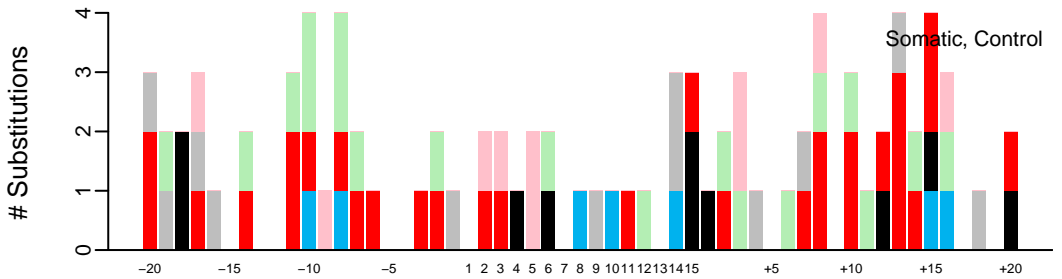
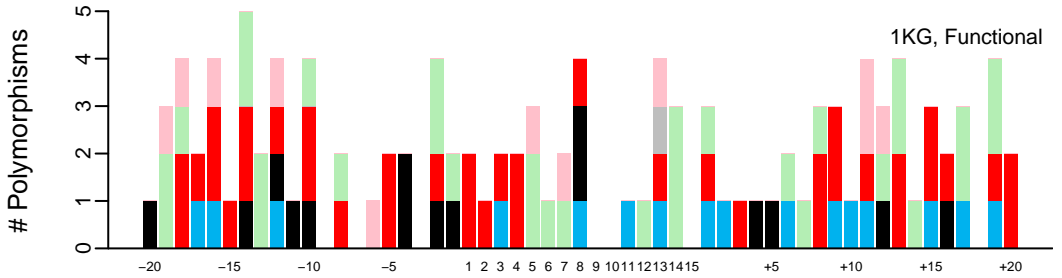
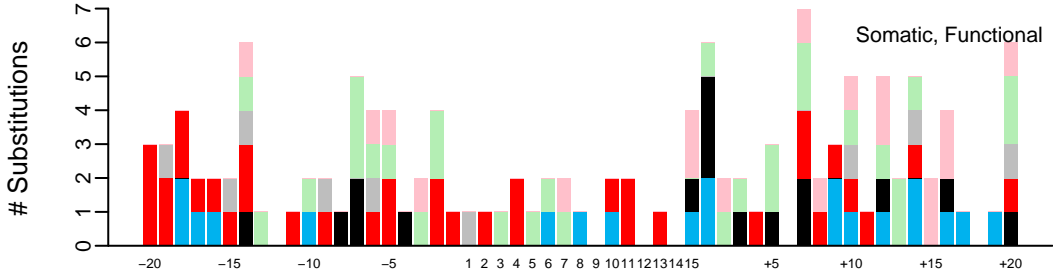
MOTIF POSITION

RFX5, MA0510.1



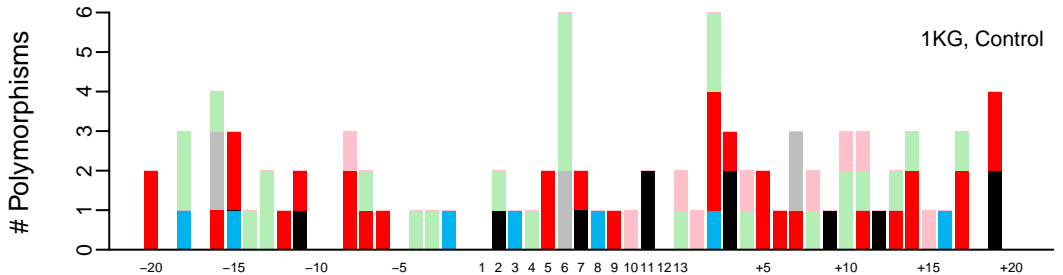
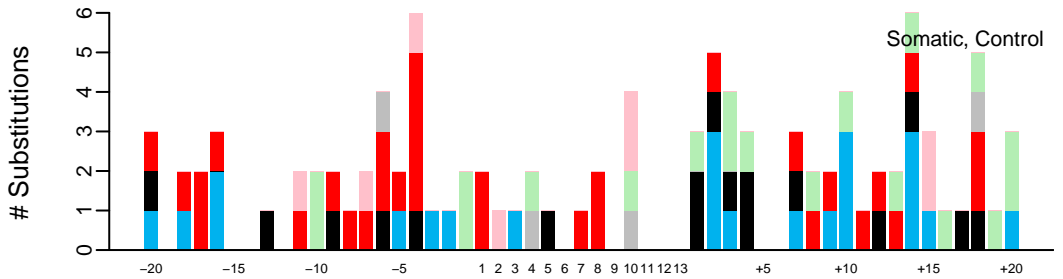
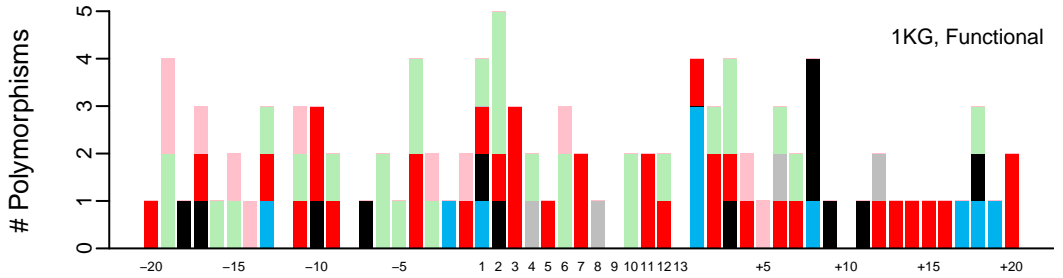
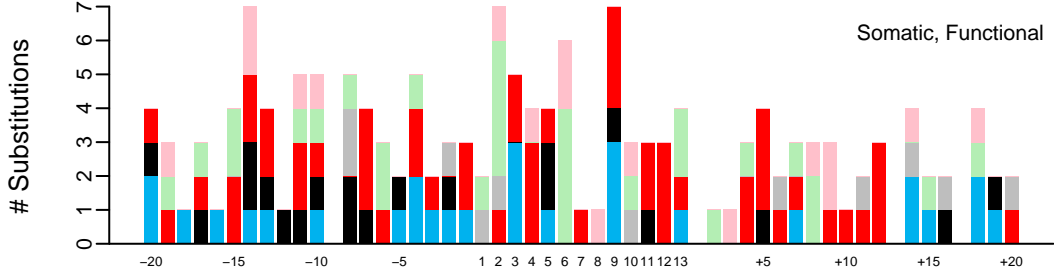
MOTIF POSITION

RUNX2, MA0511.1



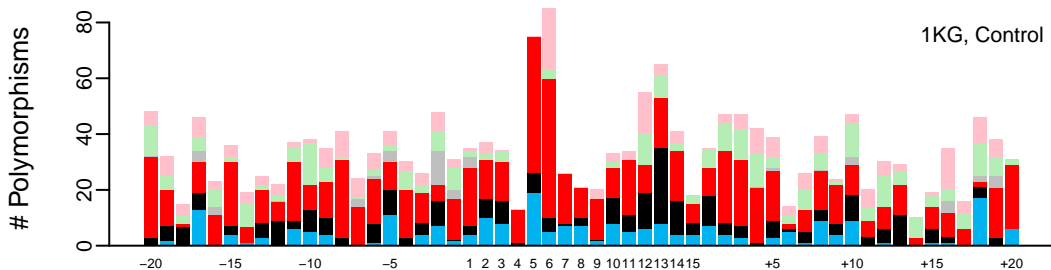
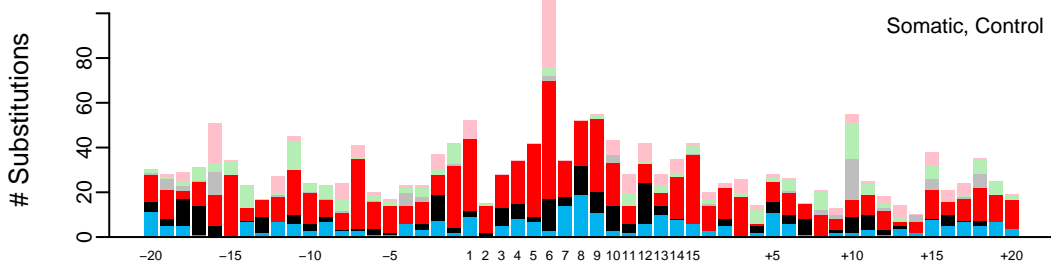
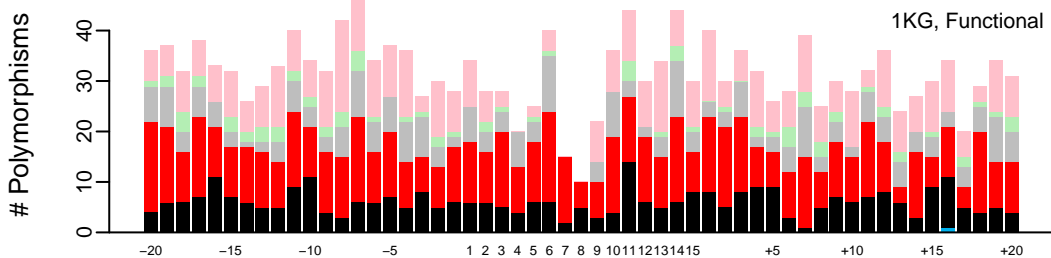
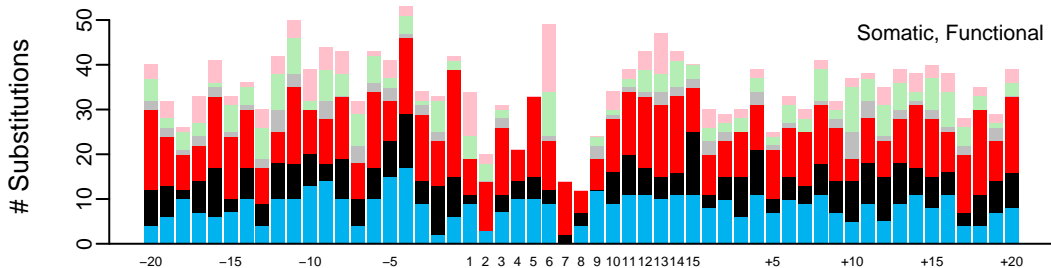
MOTIF POSITION

SMAD2::SMAD3::SMAD4, MA0513.1



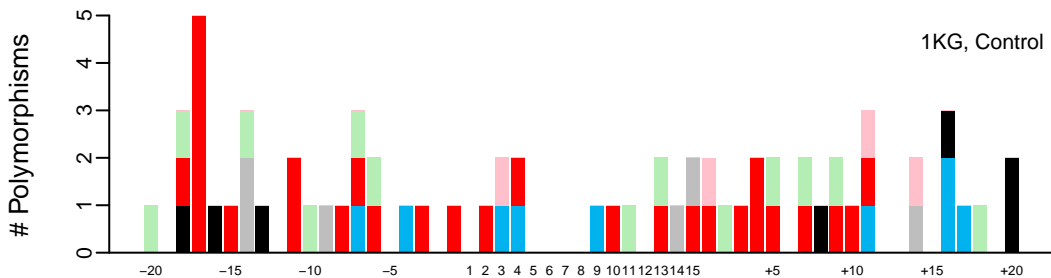
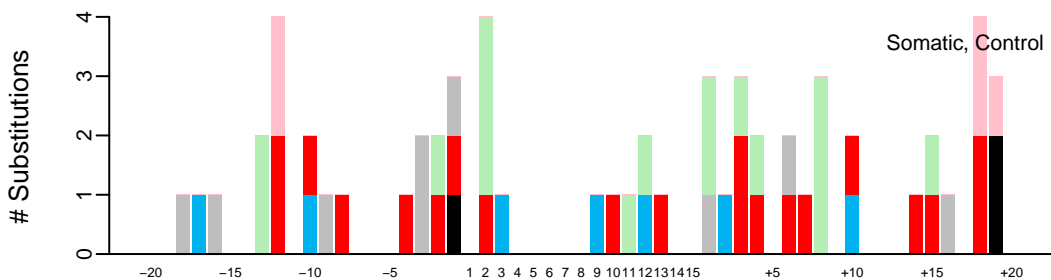
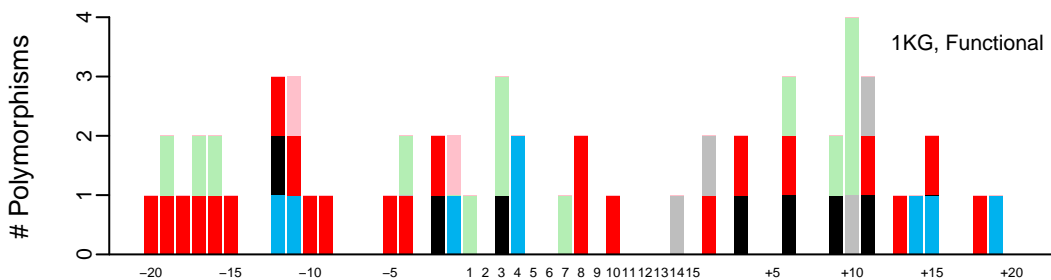
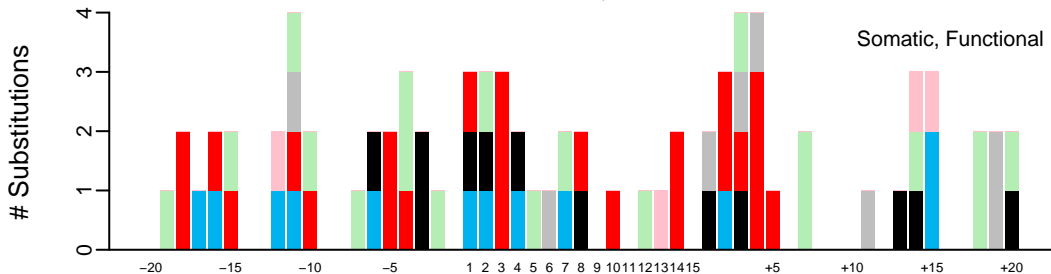
MOTIF POSITION

SP2, MA0516.1



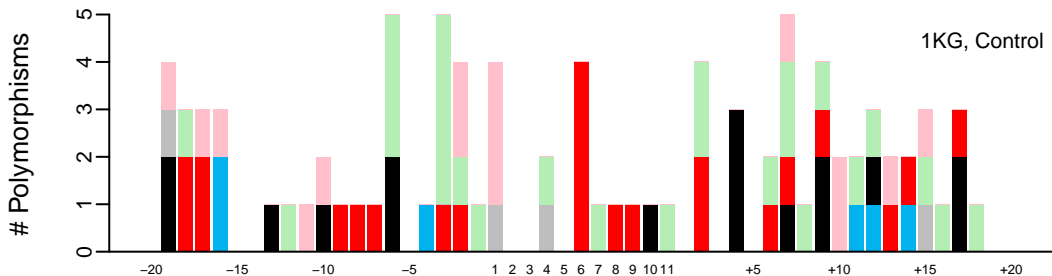
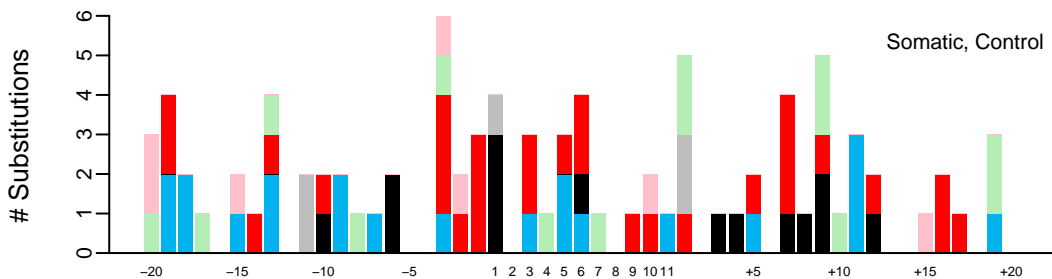
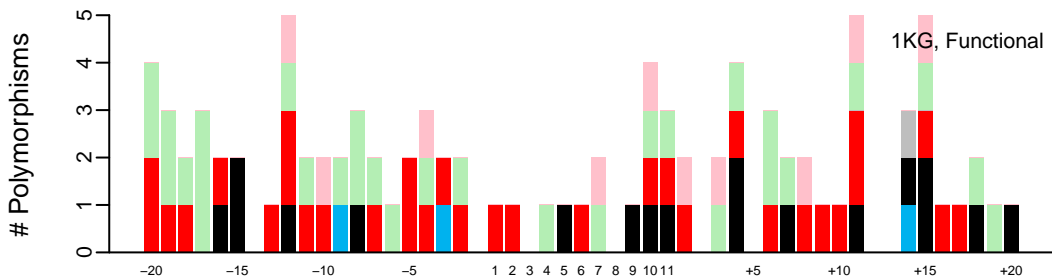
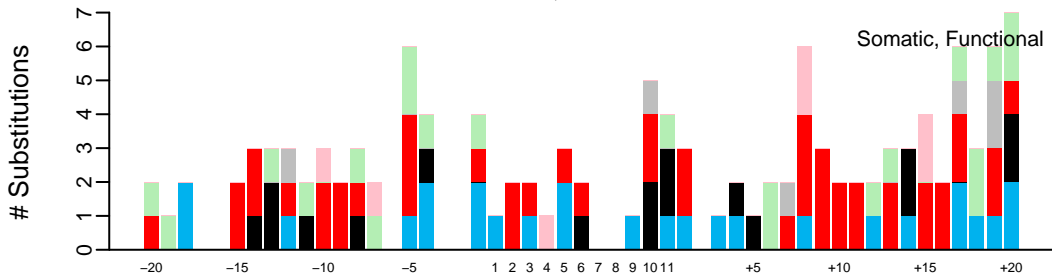
MOTIF POSITION

STAT2::STAT1, MA0517.1



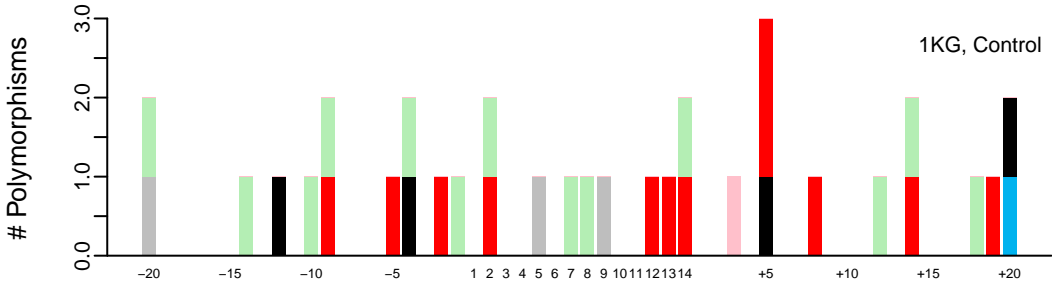
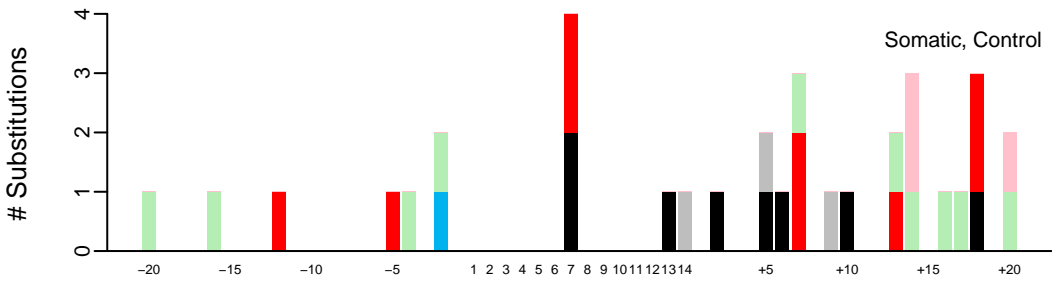
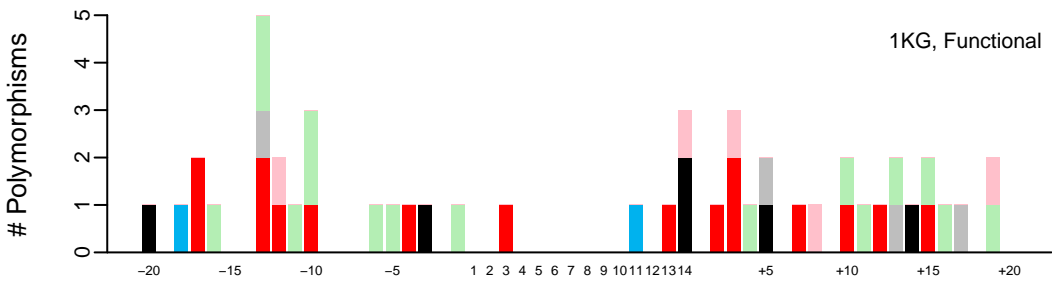
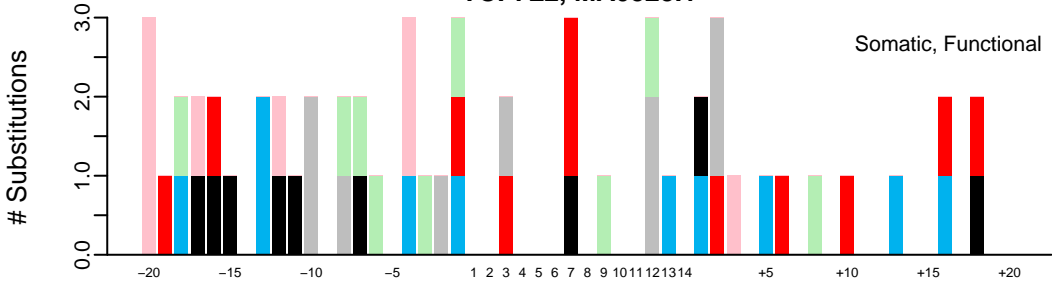
MOTIF POSITION

TCF12, MA0521.1



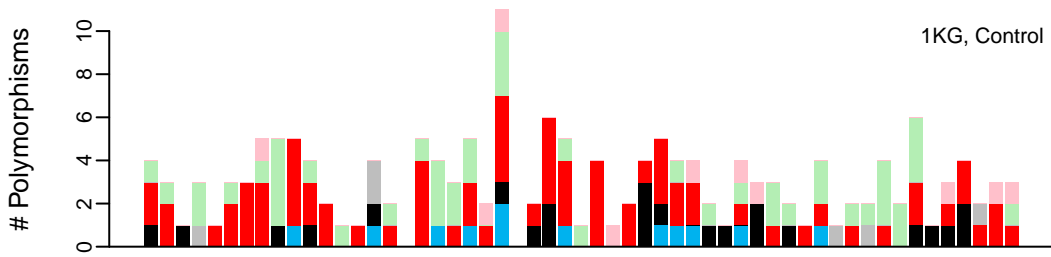
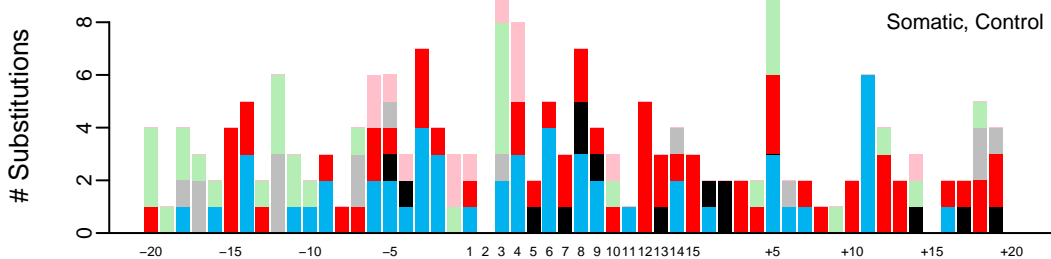
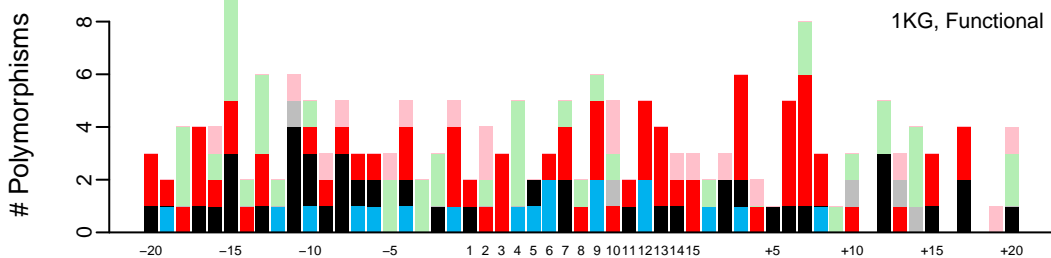
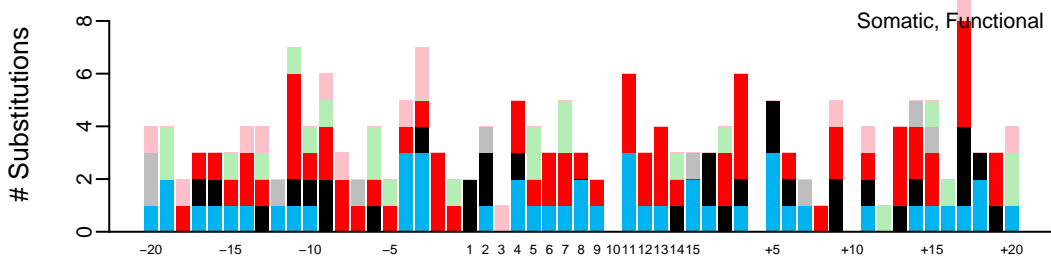
MOTIF POSITION

TCF7L2, MA0523.1

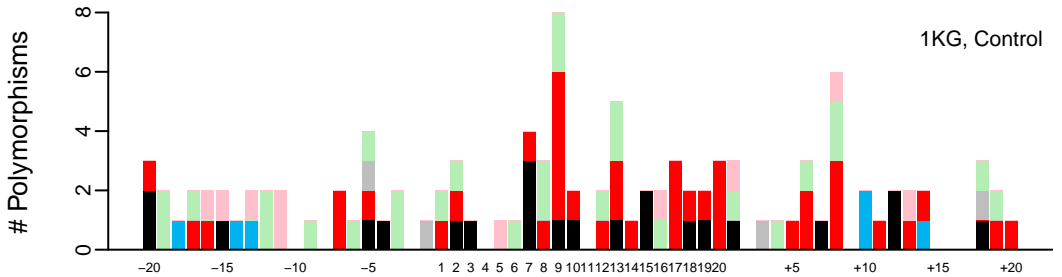
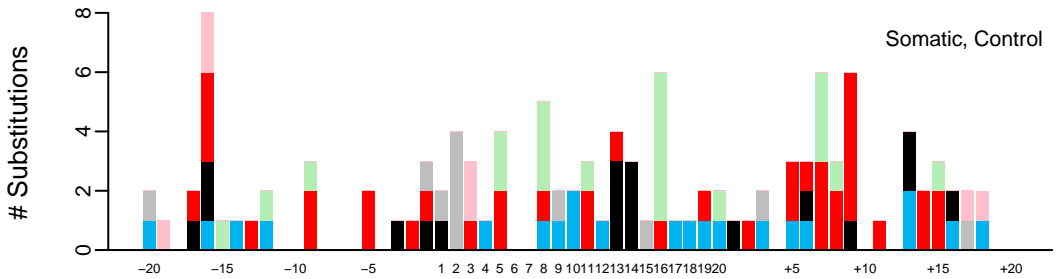
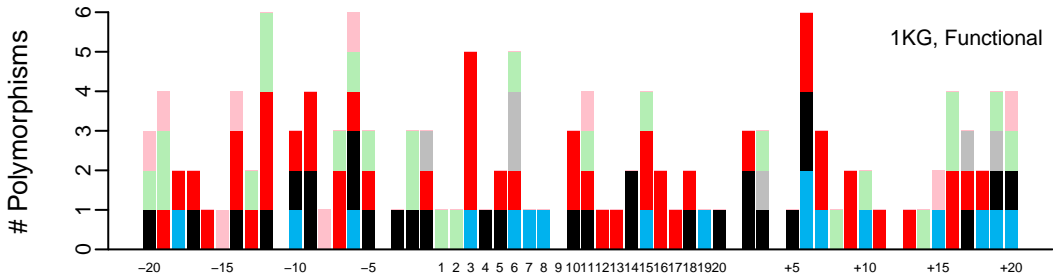
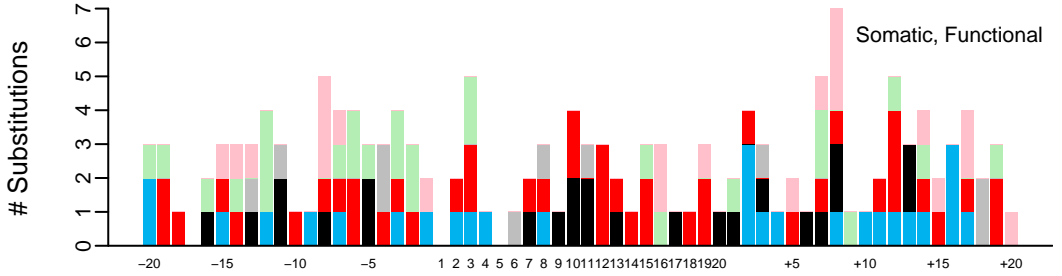


MOTIF POSITION

TFAP2C, MA0524.1

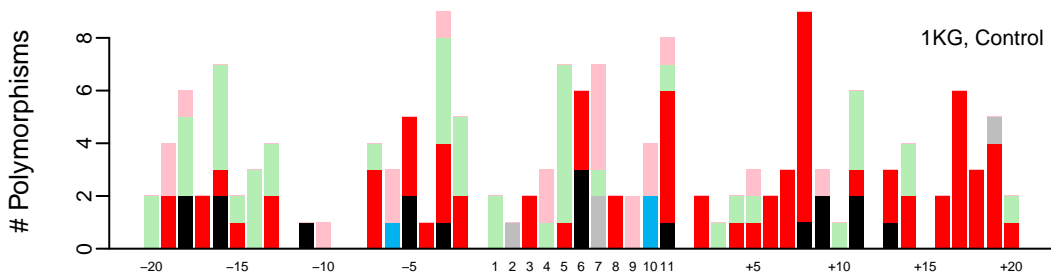
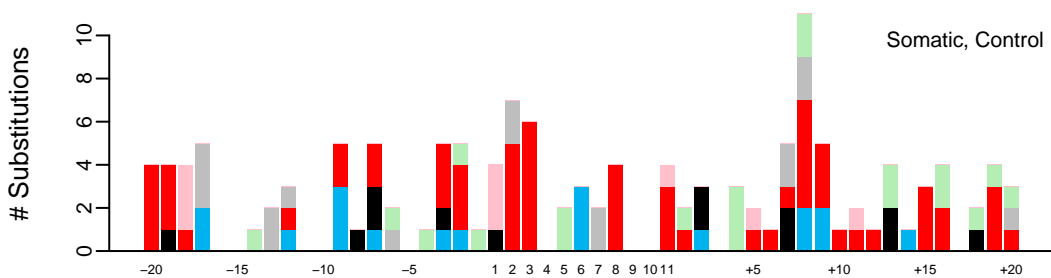
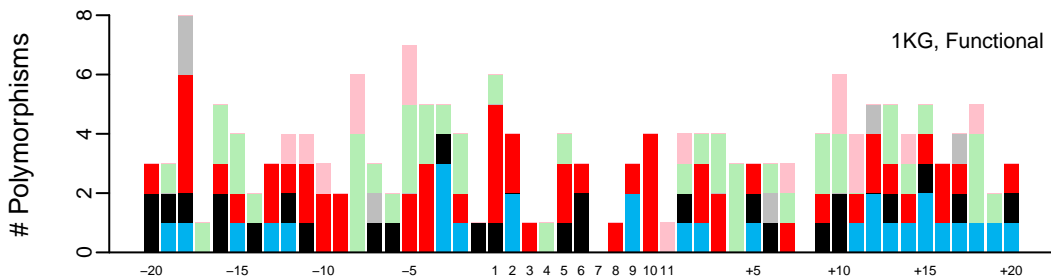
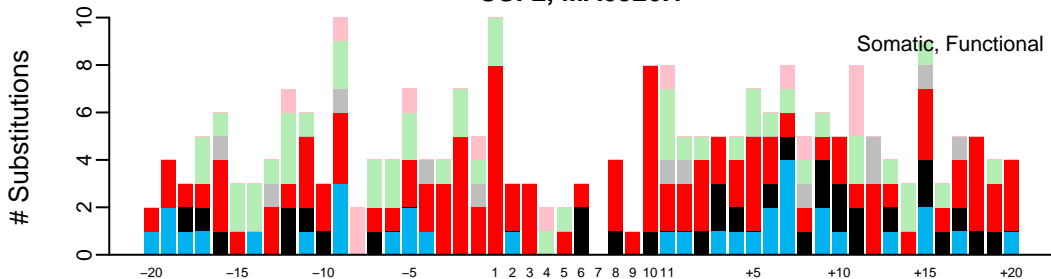


TP63, MA0525.1



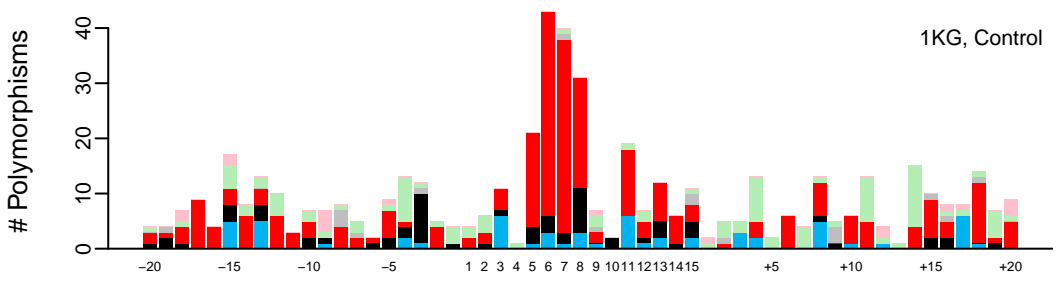
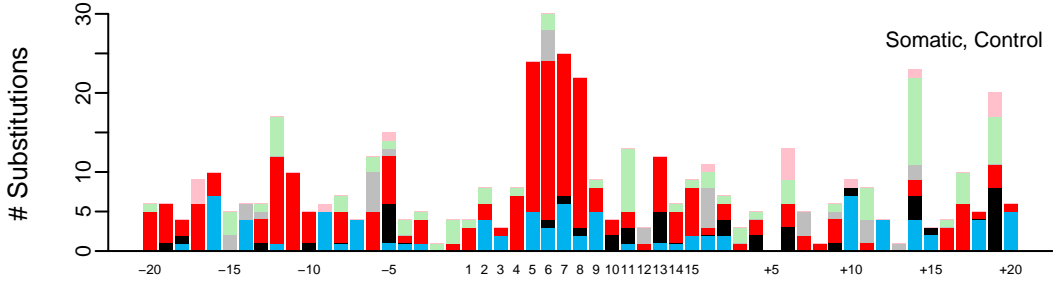
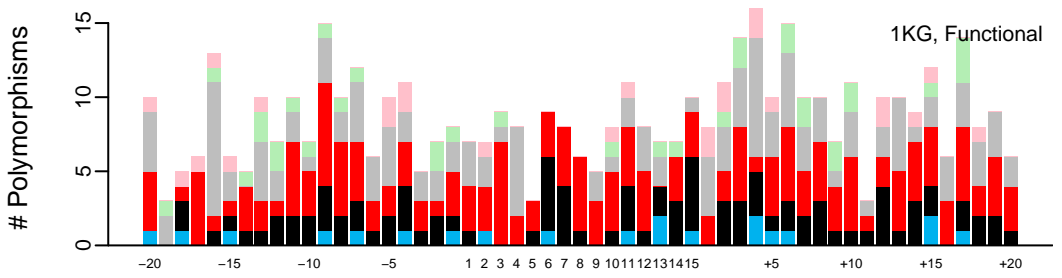
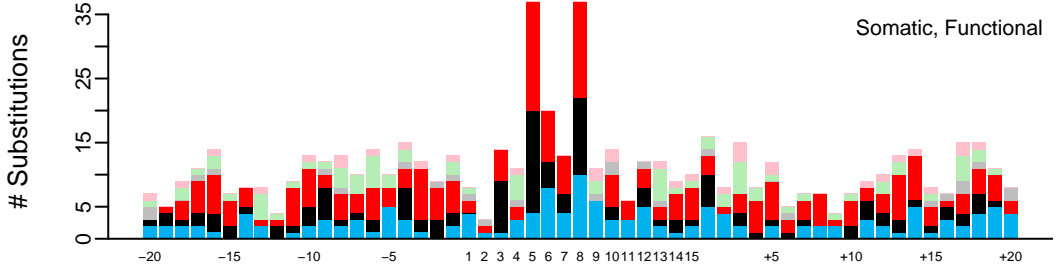
MOTIF POSITION

USF2, MA0526.1



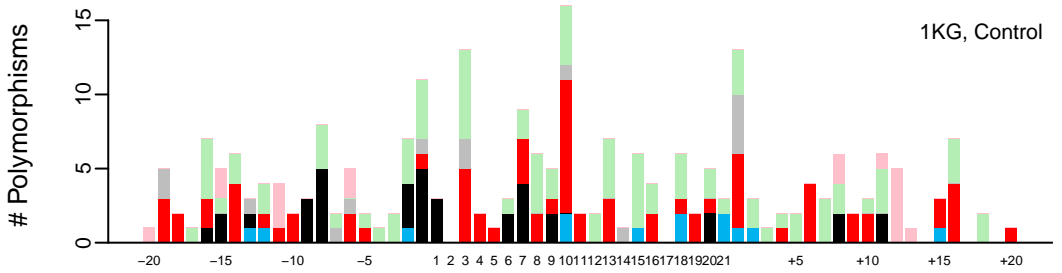
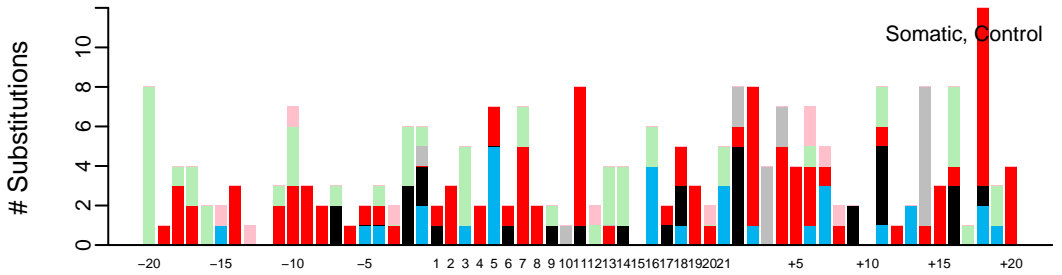
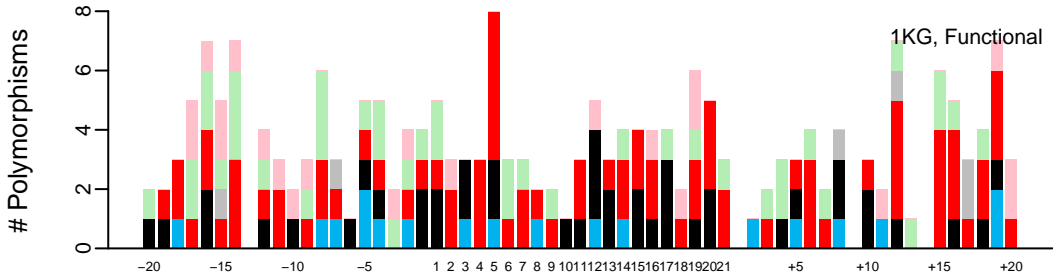
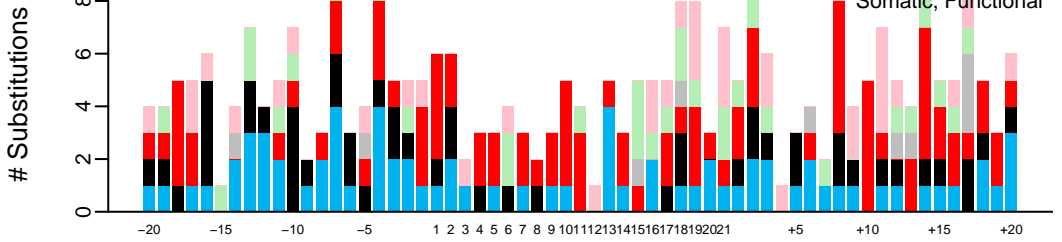
MOTIF POSITION

ZBTB33, MA0527.1



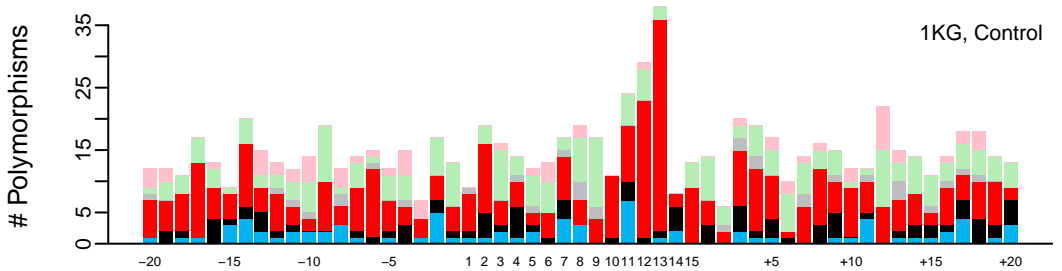
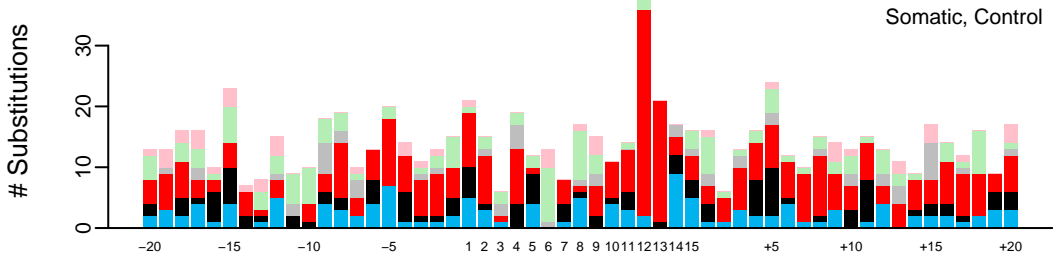
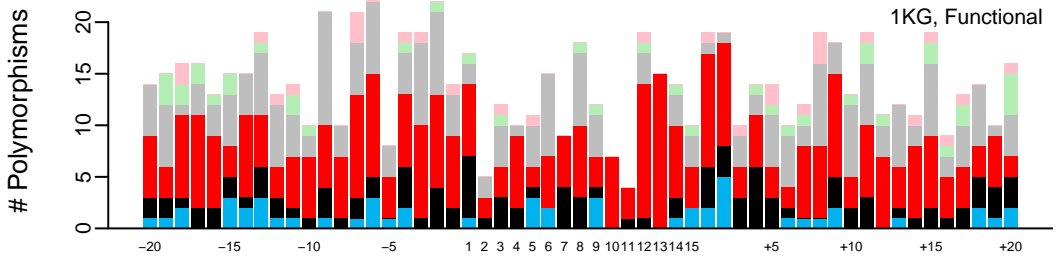
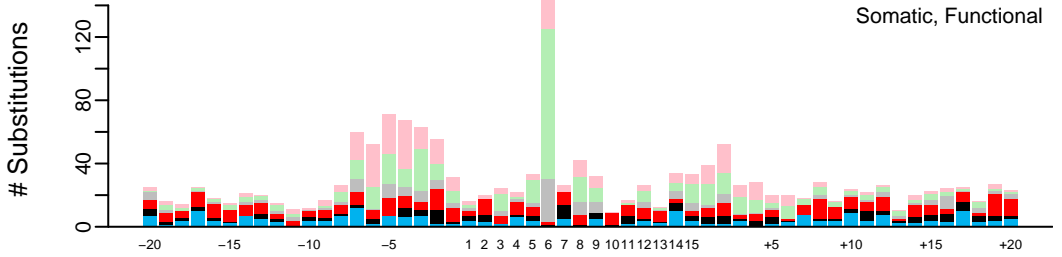
MOTIF POSITION

ZNF263, MA0528.1



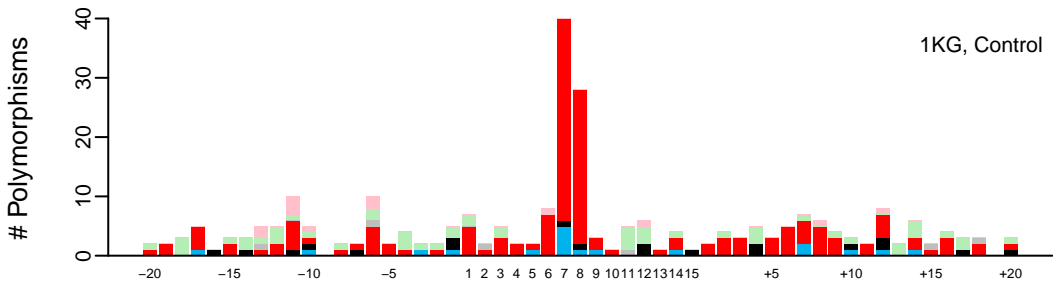
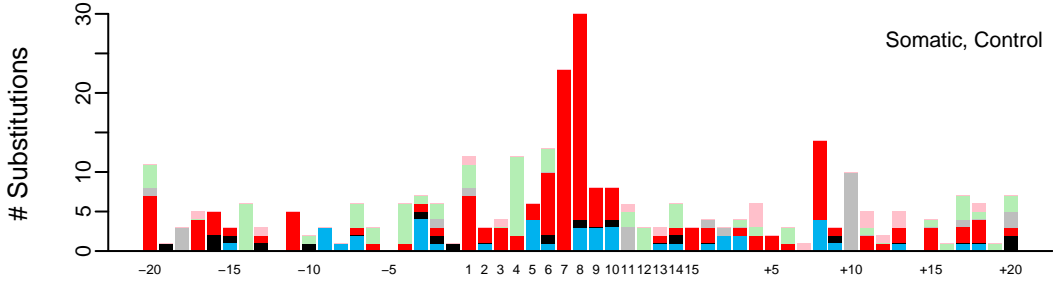
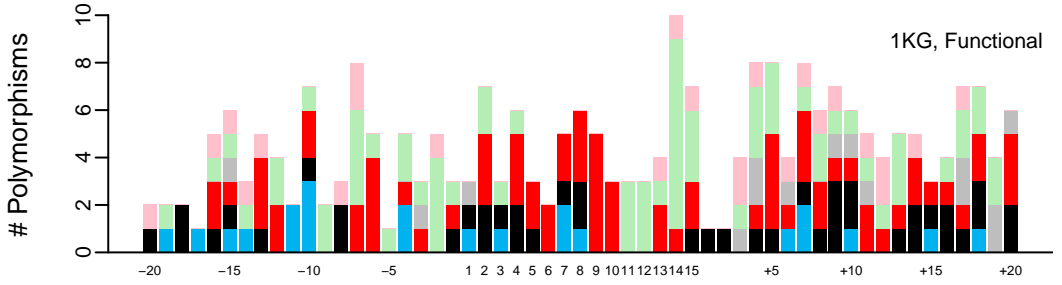
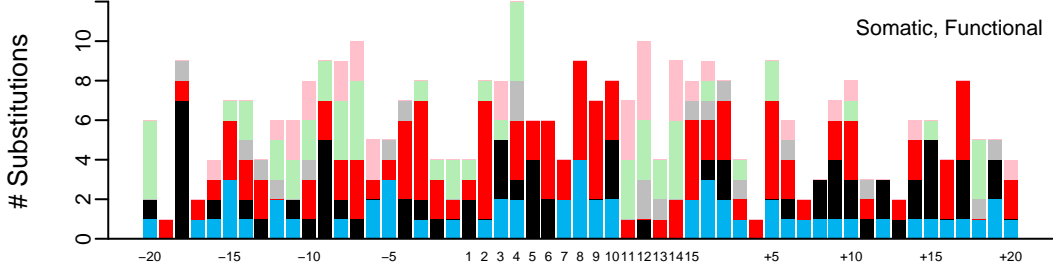
MOTIF POSITION

CTCF, MA0531.1



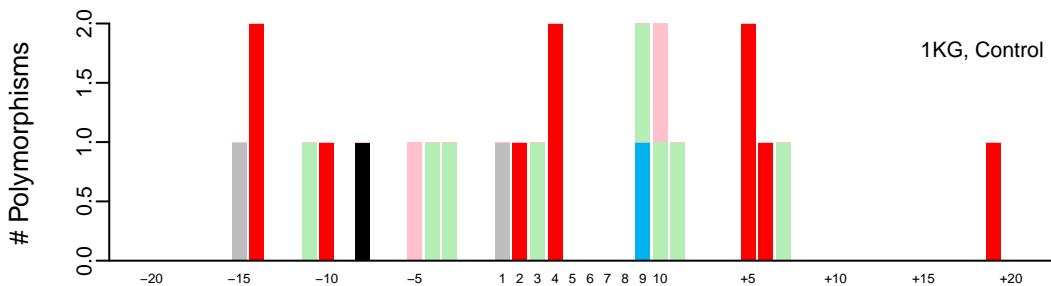
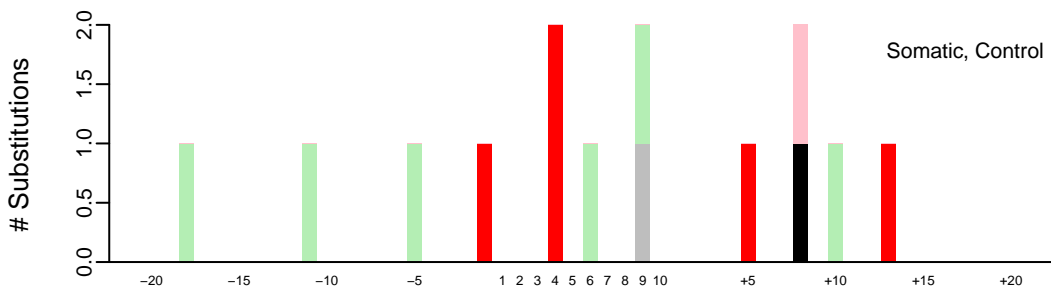
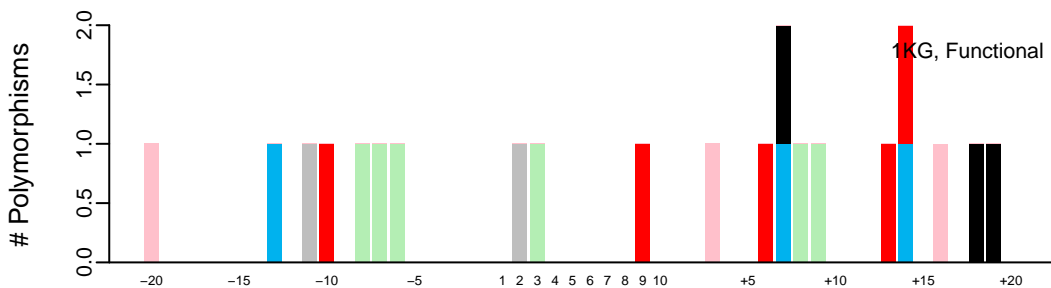
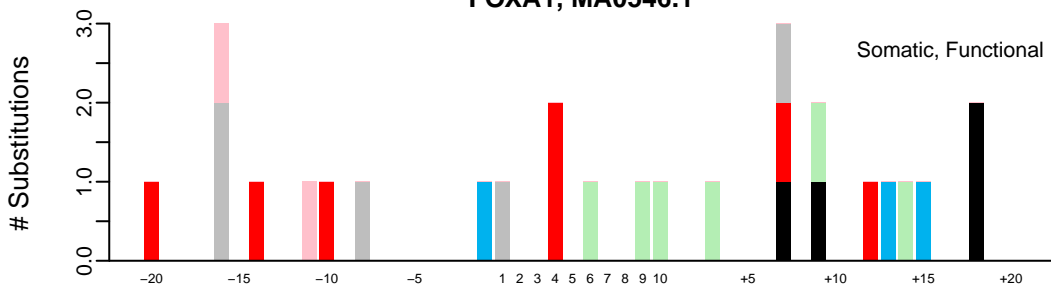
MOTIF POSITION

E2F4, MA0541.1



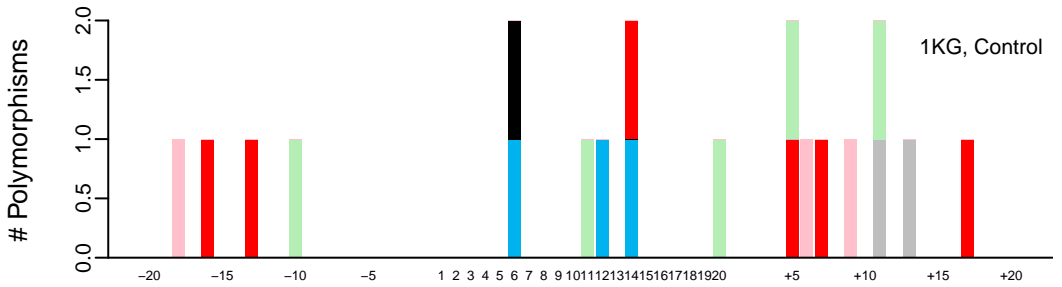
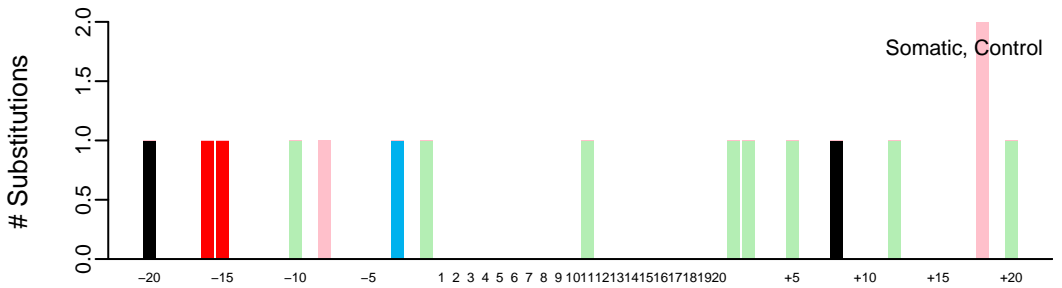
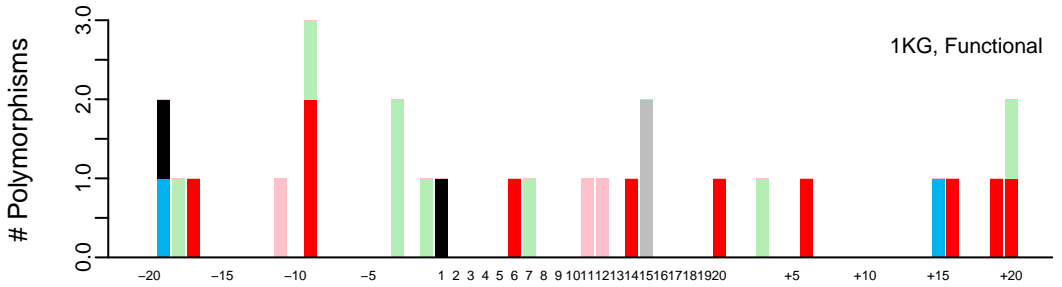
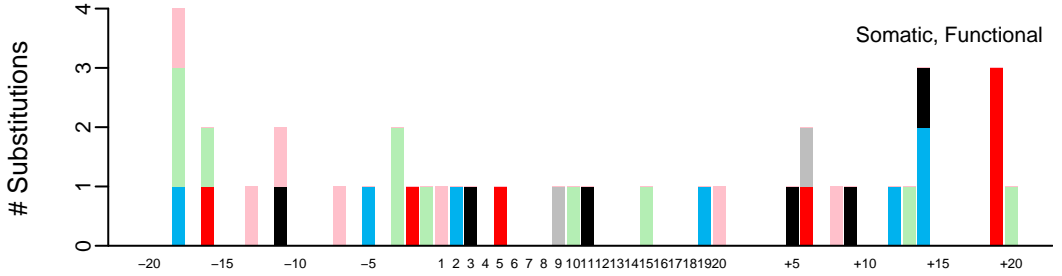
MOTIF POSITION

FOXA1, MA0546.1



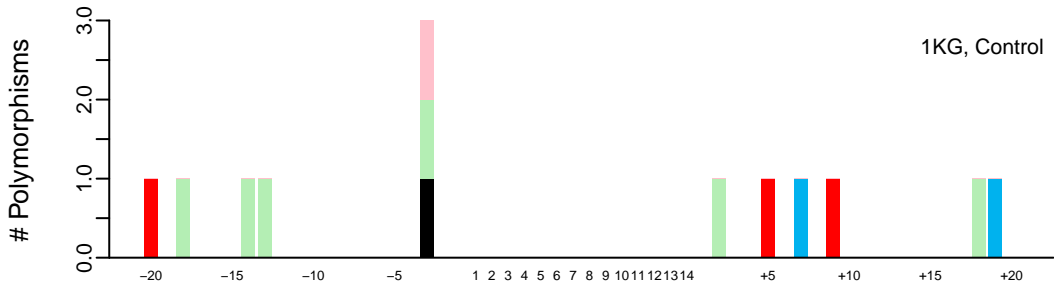
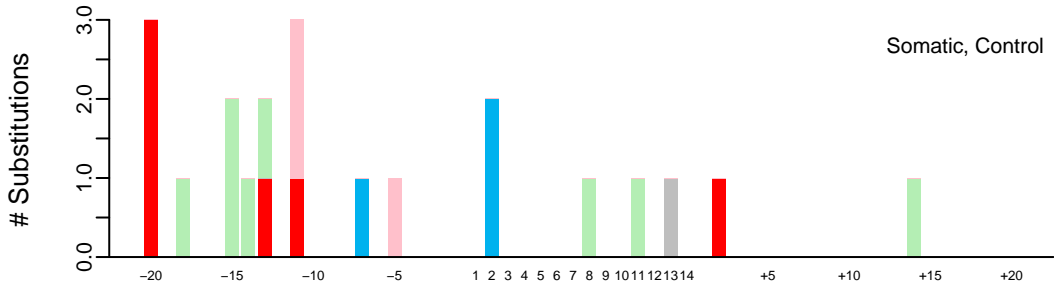
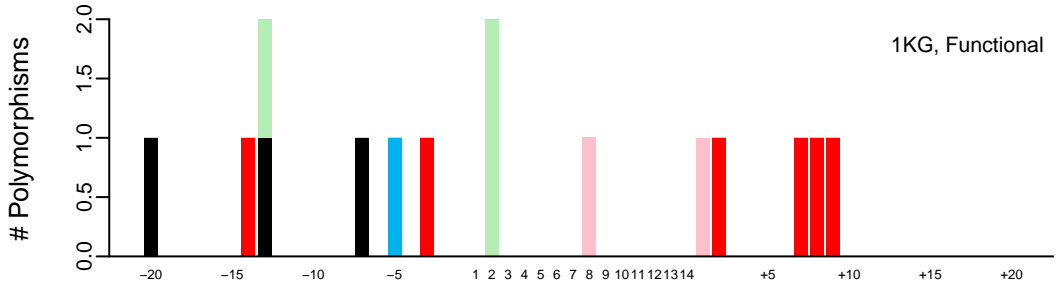
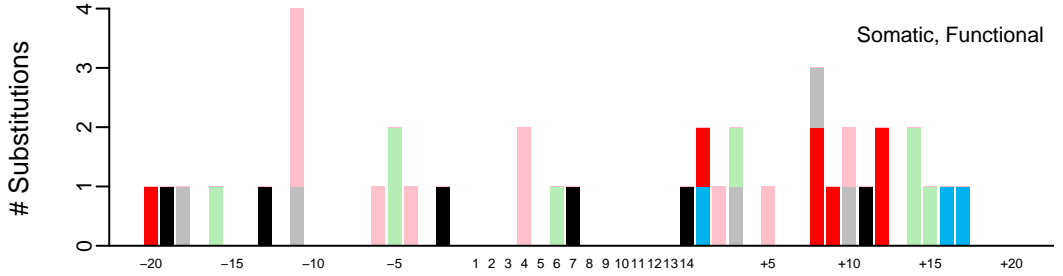
MOTIF POSITION

MEF2C, MA0555.1



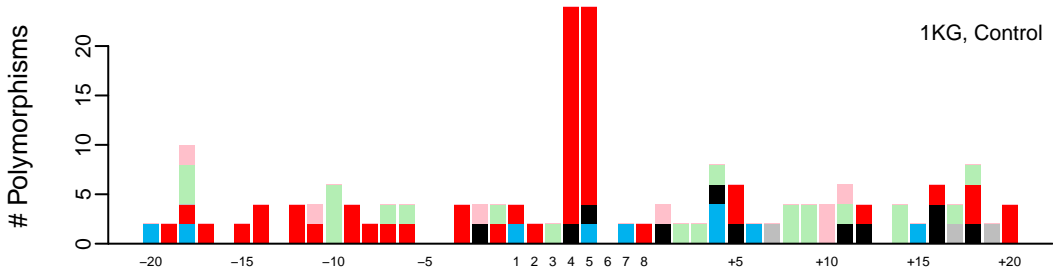
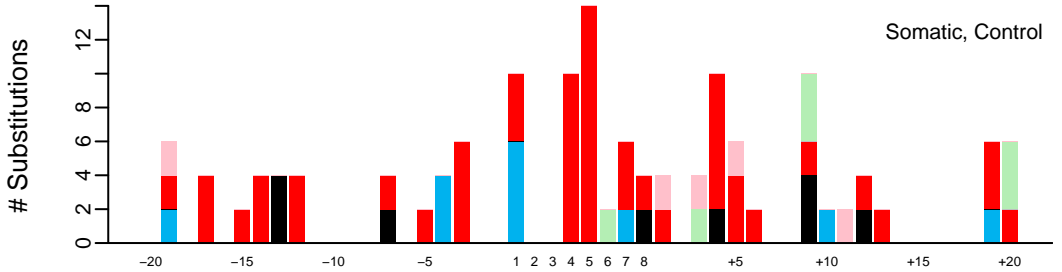
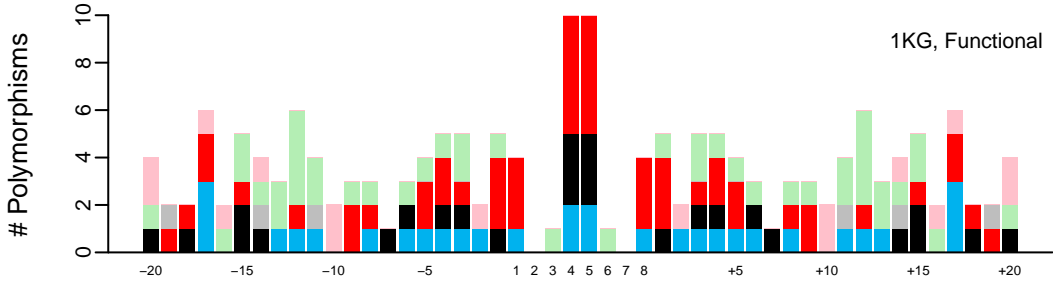
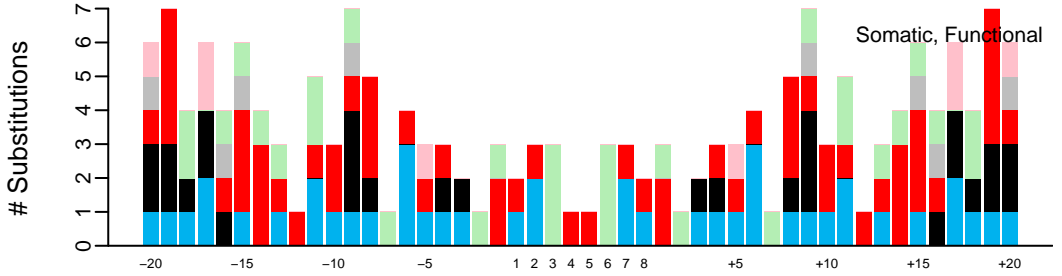
MOTIF POSITION

MEF2C, MA0559.1



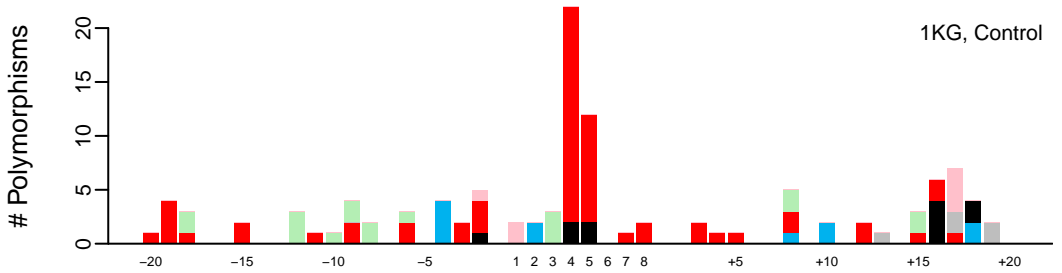
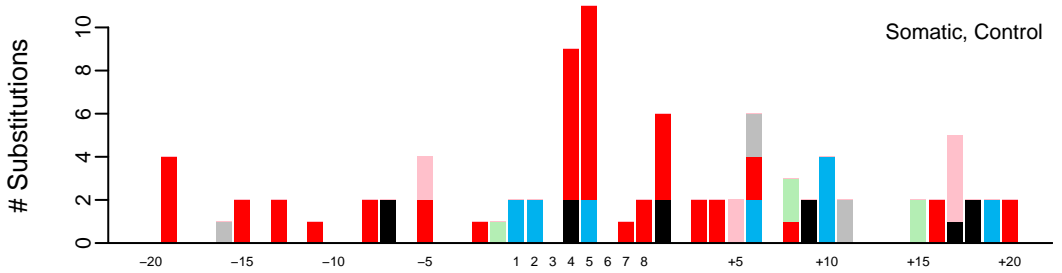
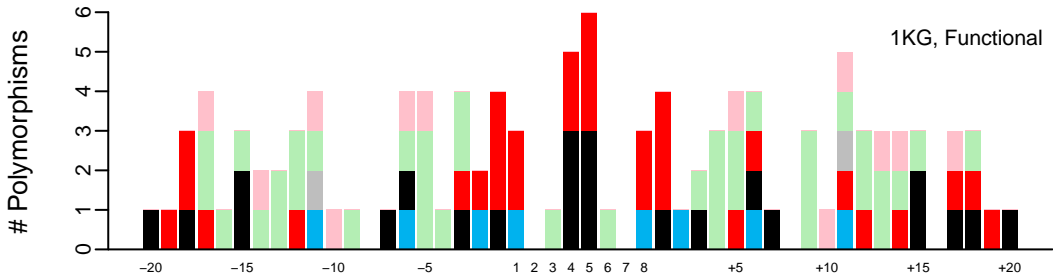
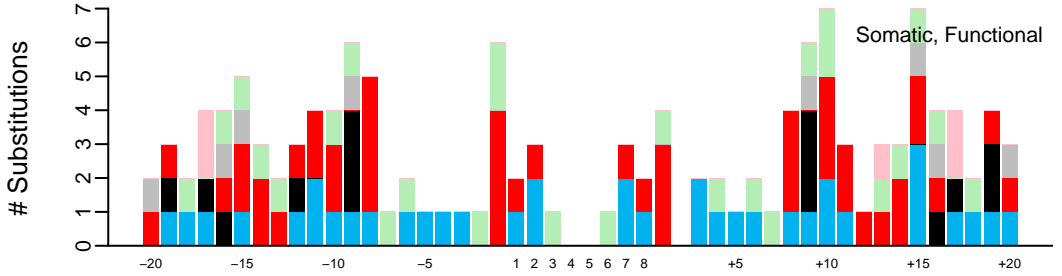
MOTIF POSITION

MAX, MA0568.1



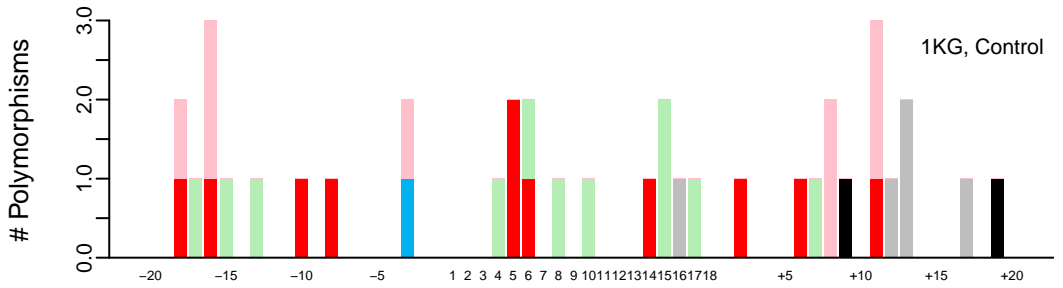
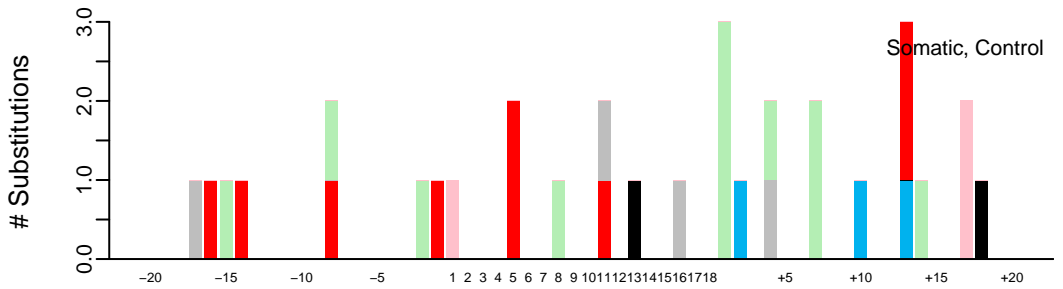
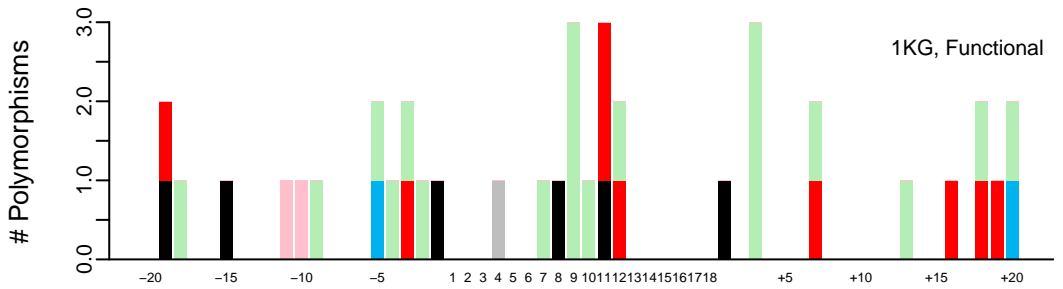
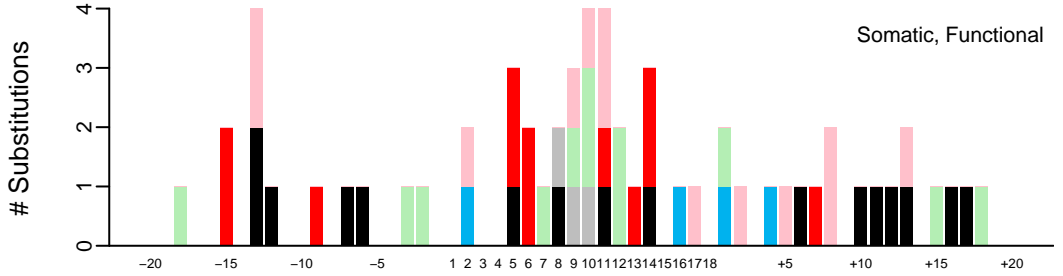
MOTIF POSITION

MAX, MA0569.1



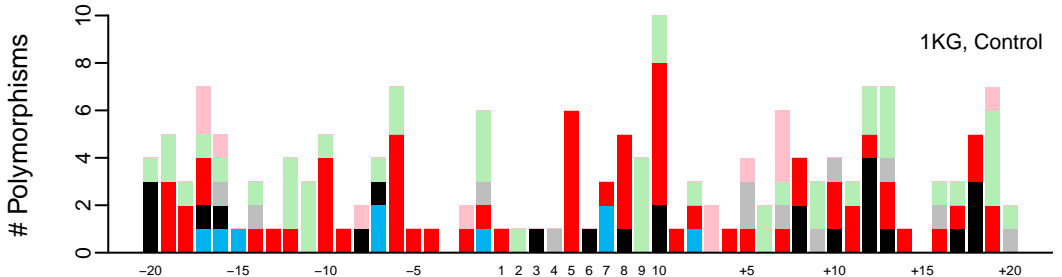
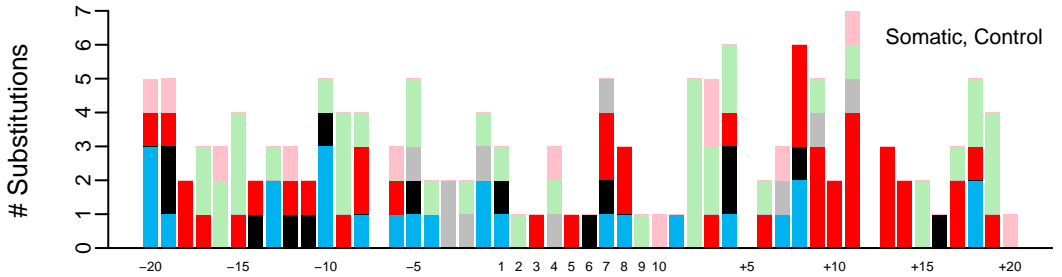
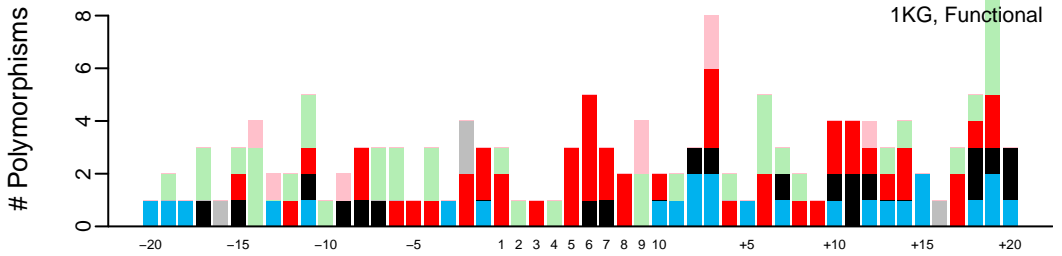
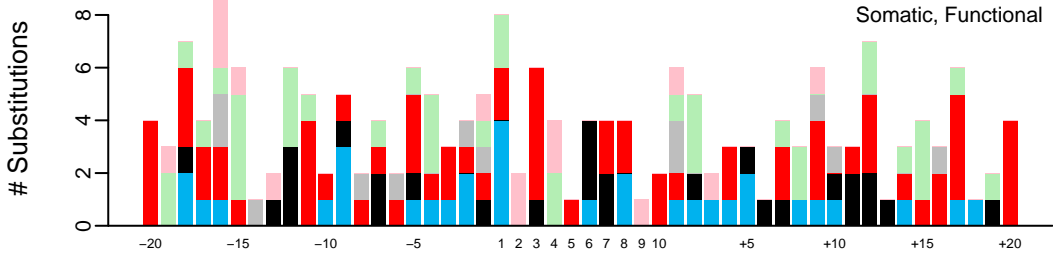
MOTIF POSITION

MEF2A, MA0585.1



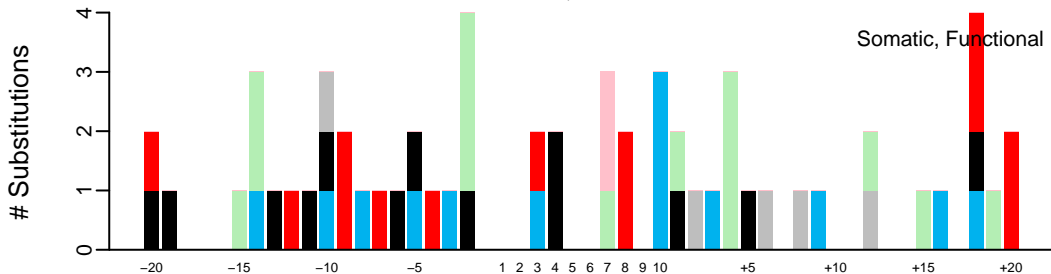
MOTIF POSITION

SREBP1, MA0595.1

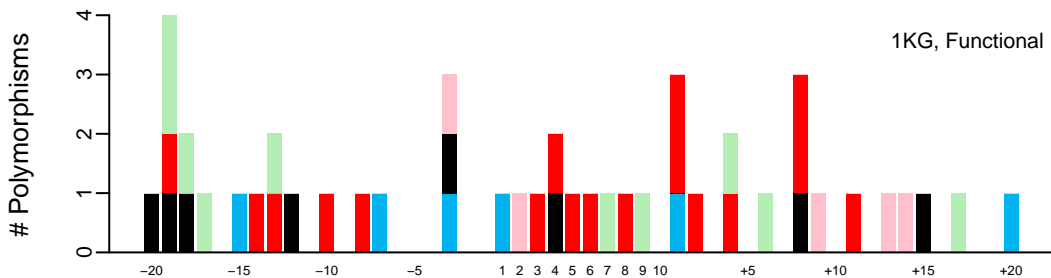


MOTIF POSITION

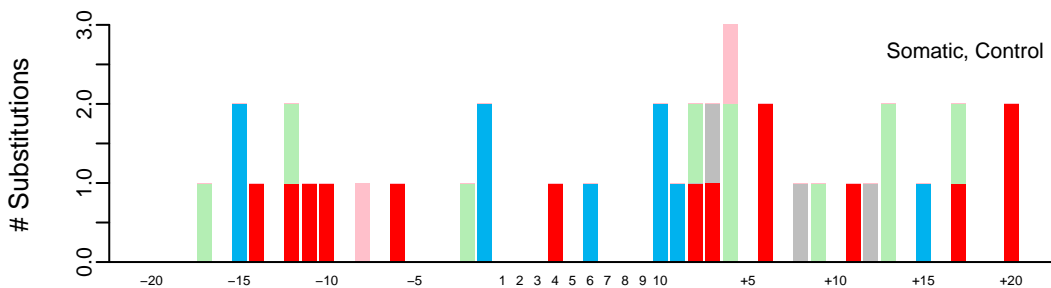
SREBP2, MA0596.1



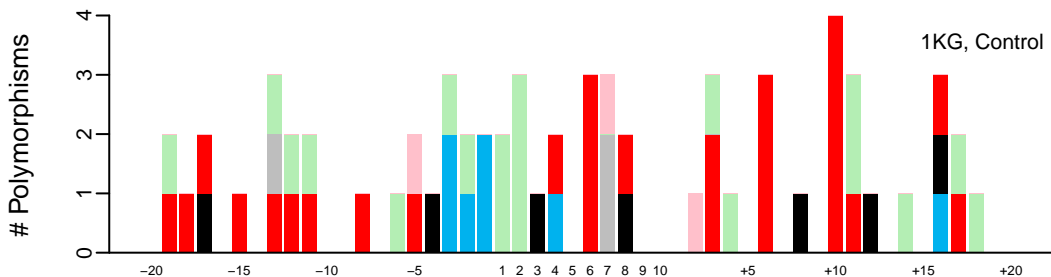
Somatic, Functional



1KG, Functional



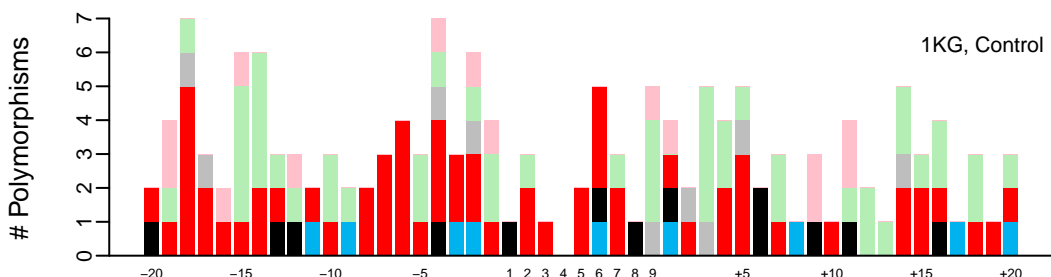
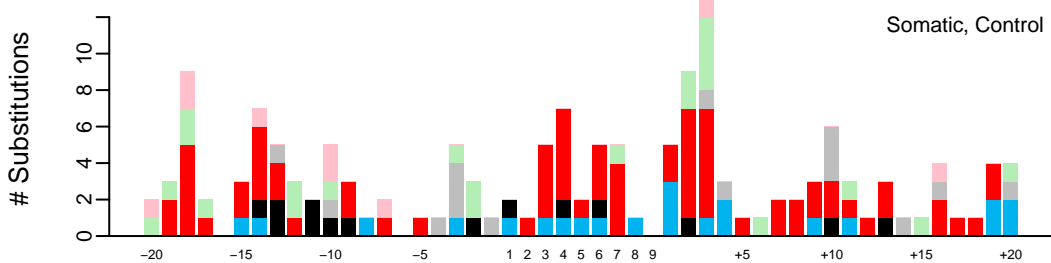
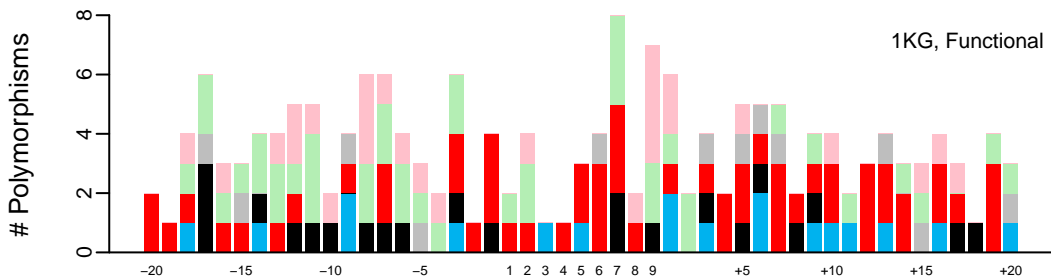
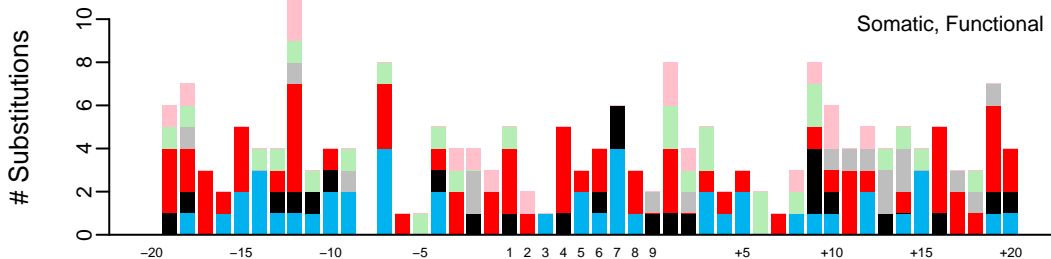
Somatic, Control



1KG, Control

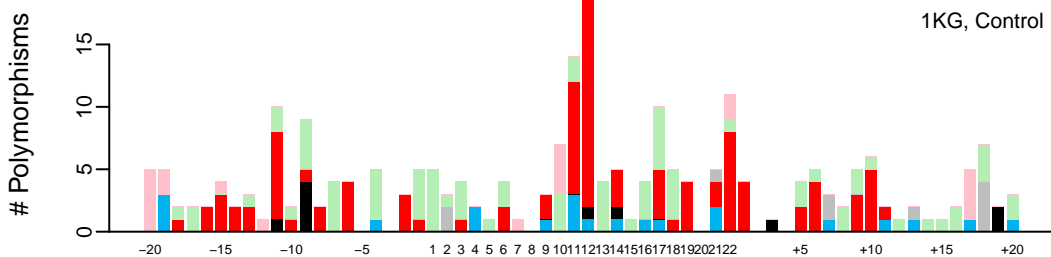
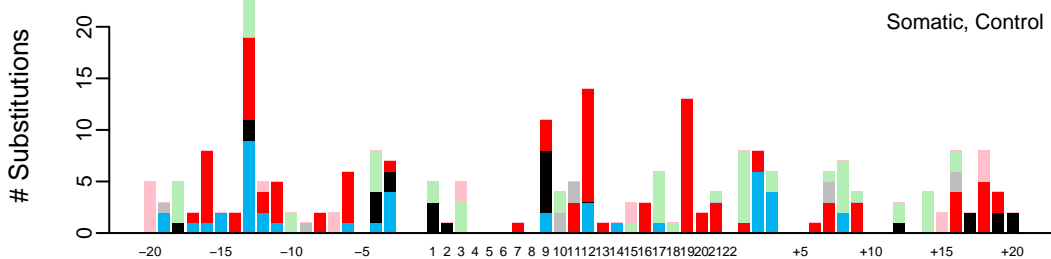
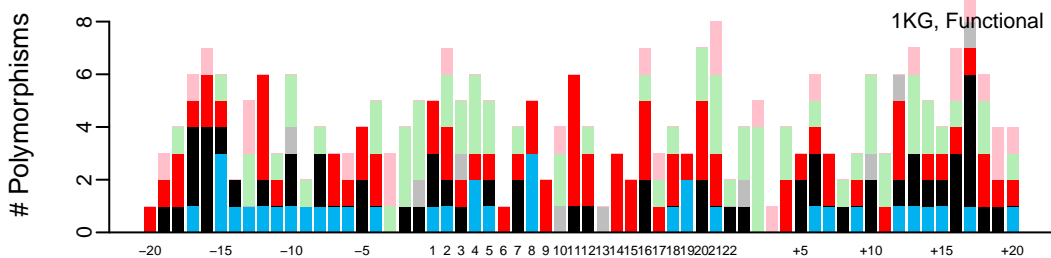
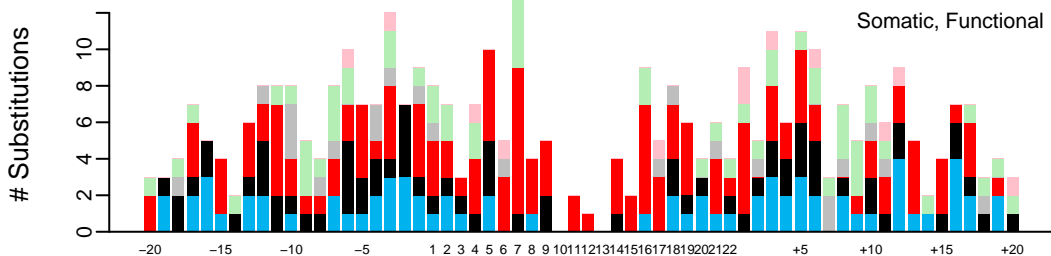
MOTIF POSITION

THAP1, MA0597.1



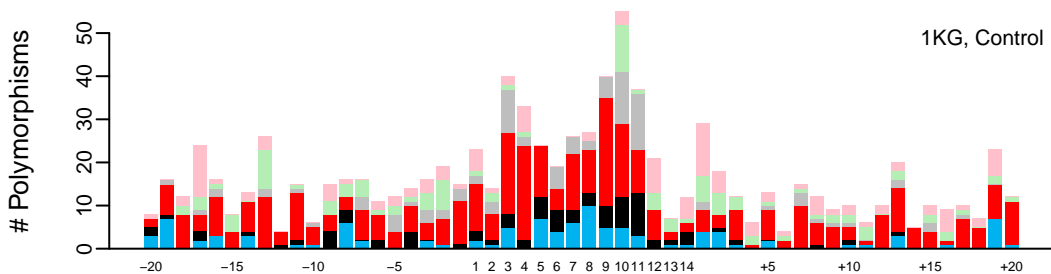
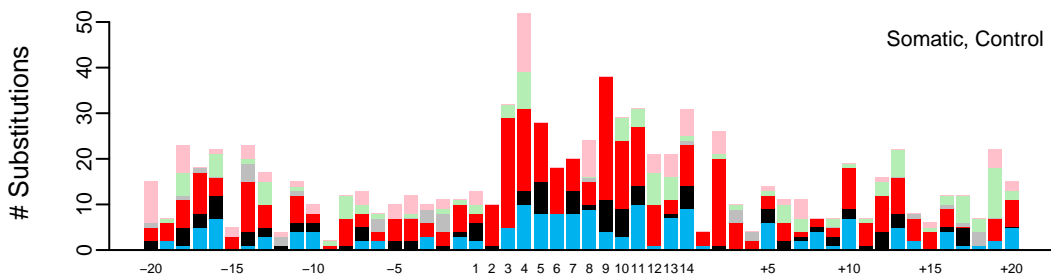
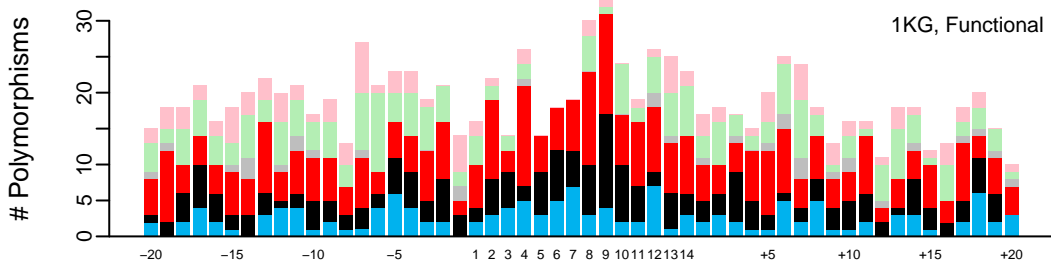
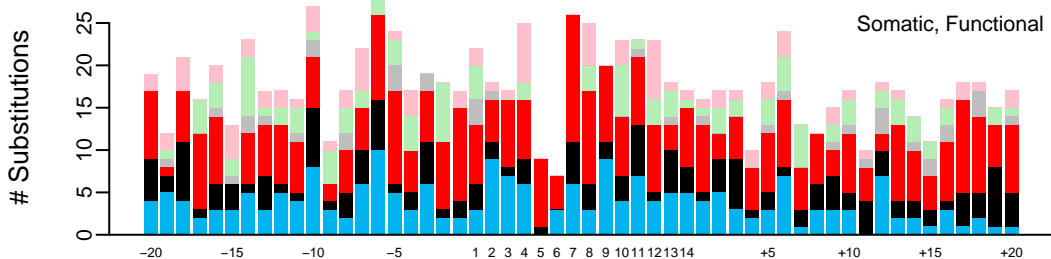
MOTIF POSITION

BHLHE40, PB0007.1



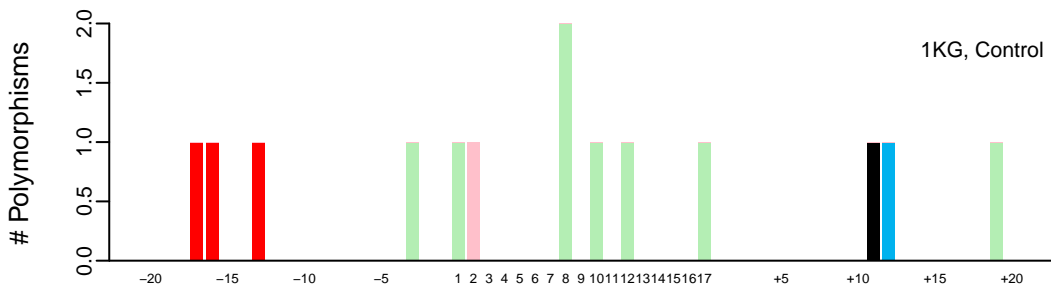
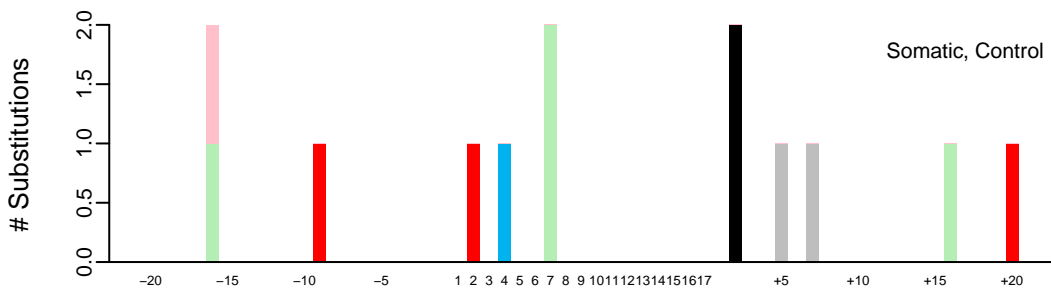
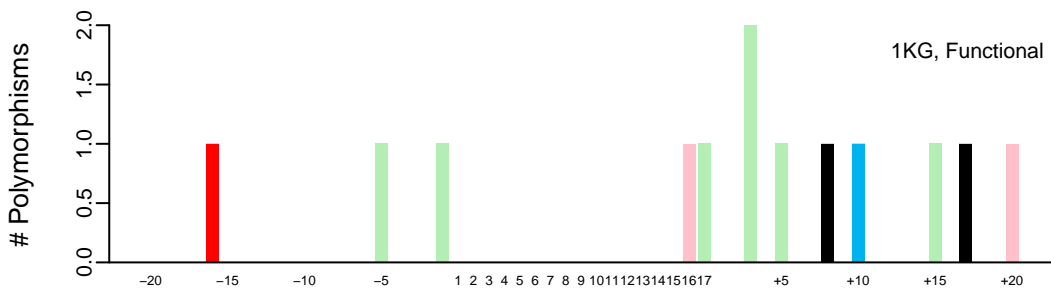
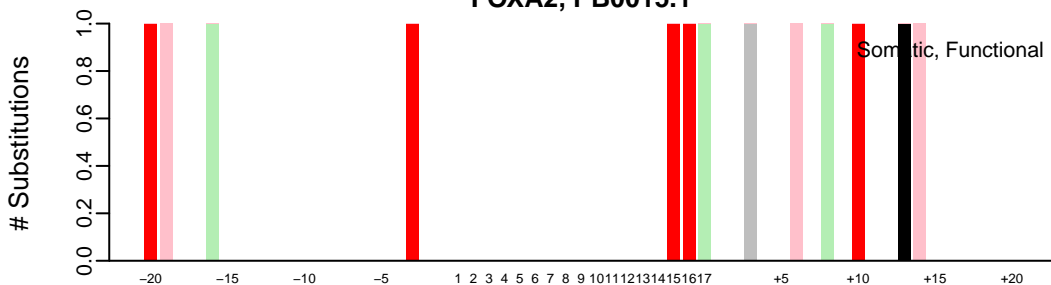
MOTIF POSITION

EGR1, PB0010.1



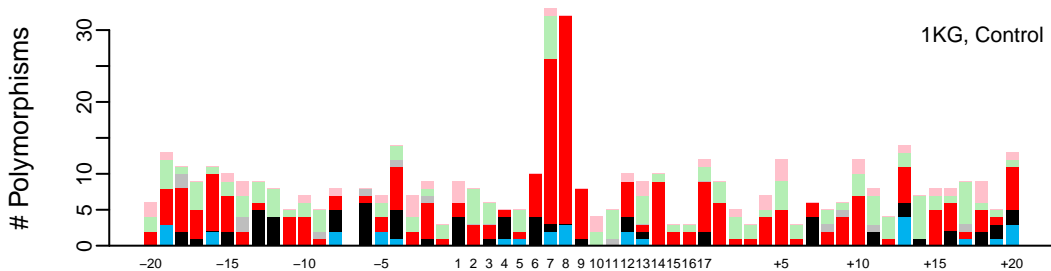
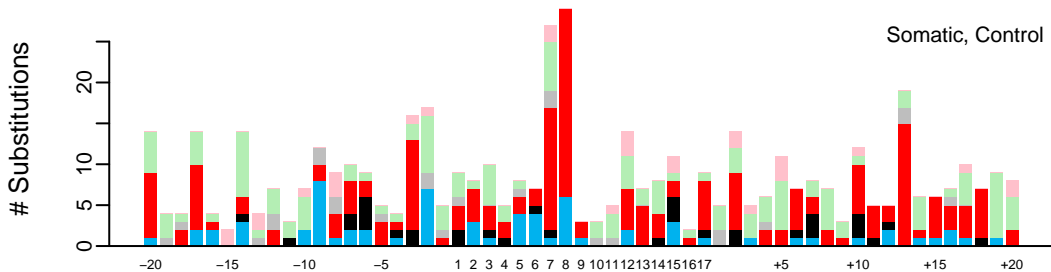
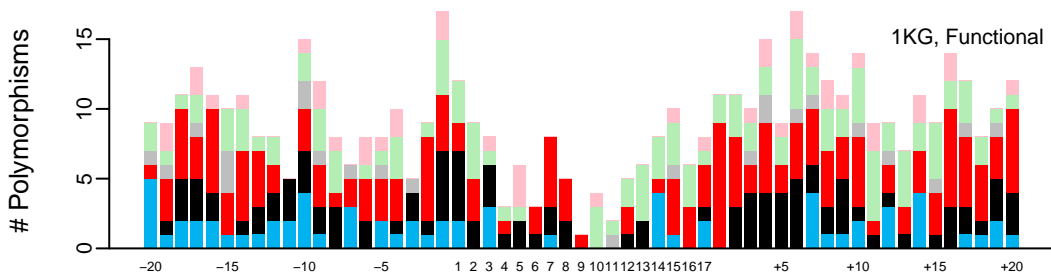
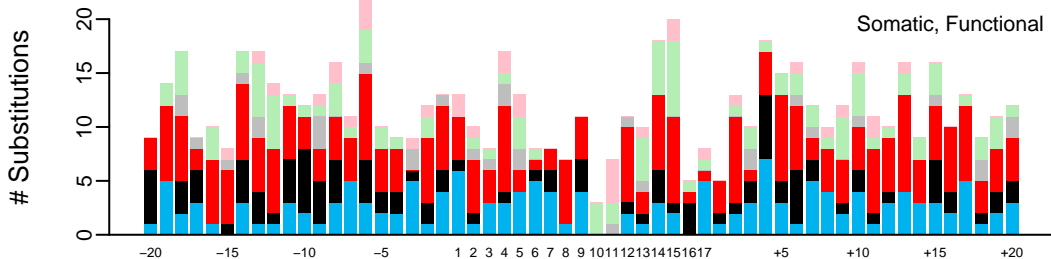
MOTIF POSITION

FOXA2, PB0015.1



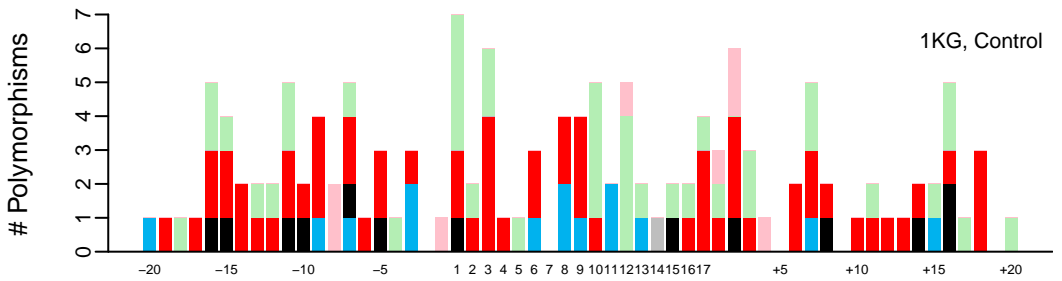
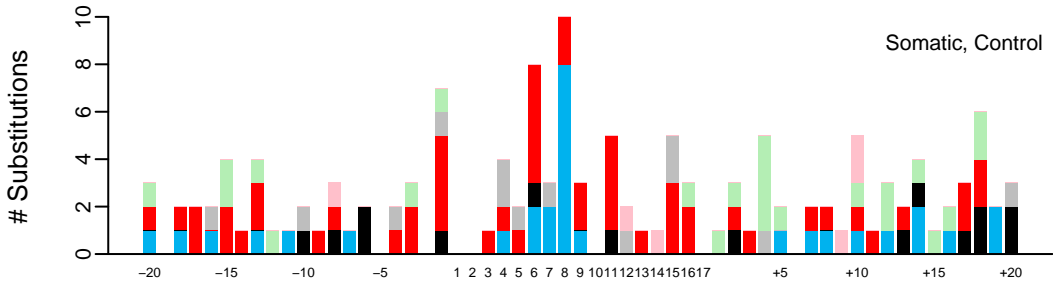
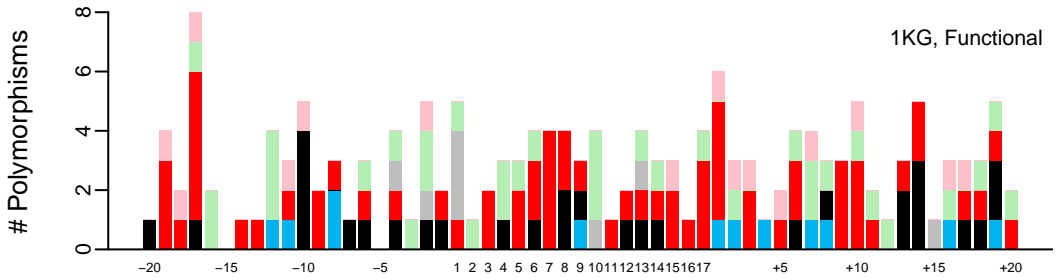
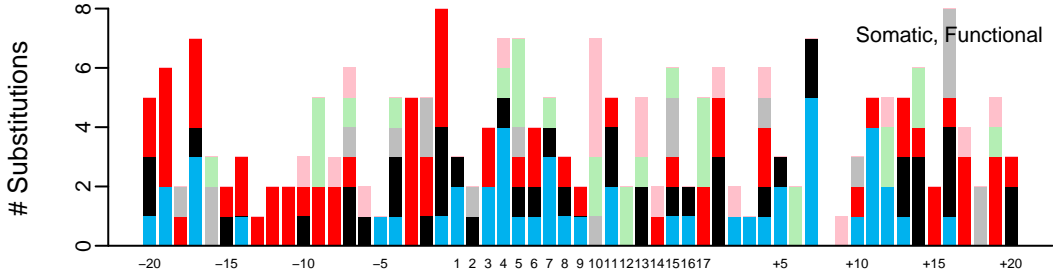
MOTIF POSITION

GABP, PB0020.1



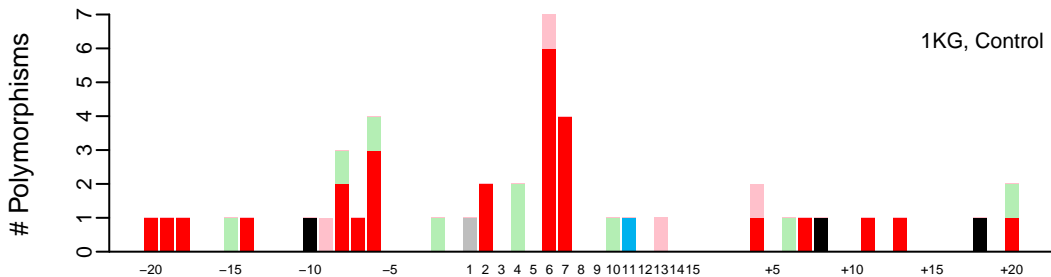
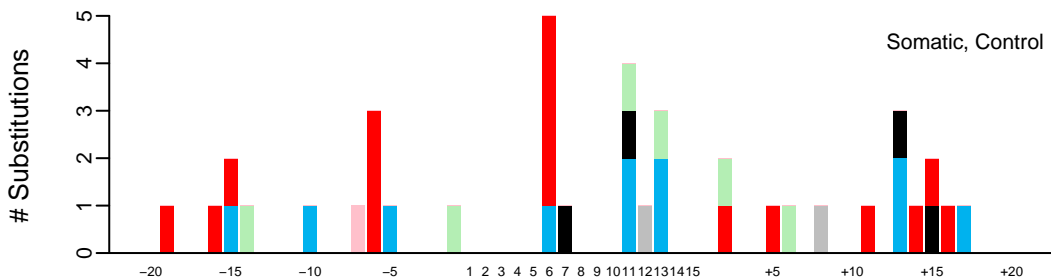
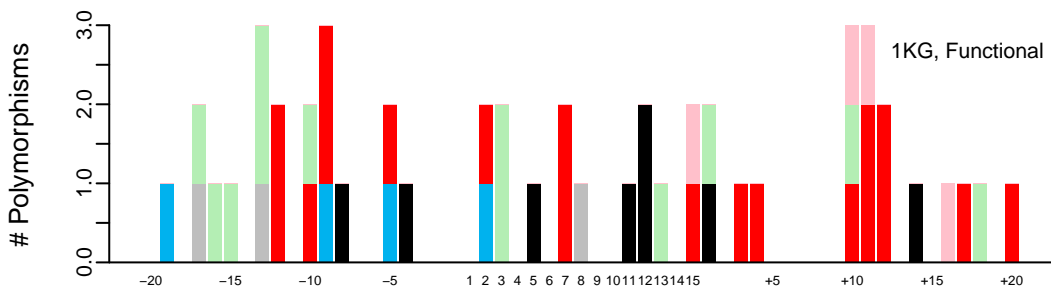
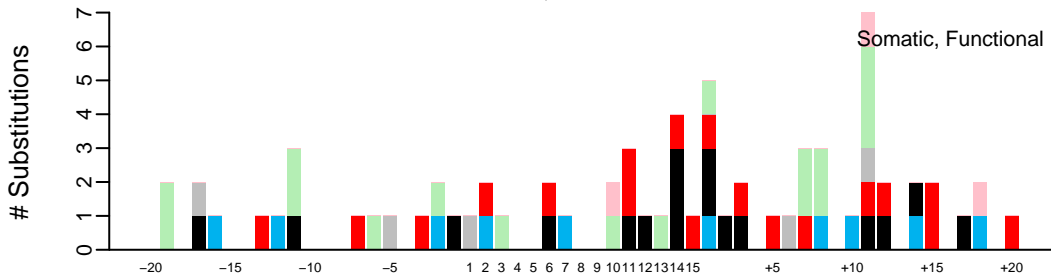
MOTIF POSITION

HNF4A, PB0030.1



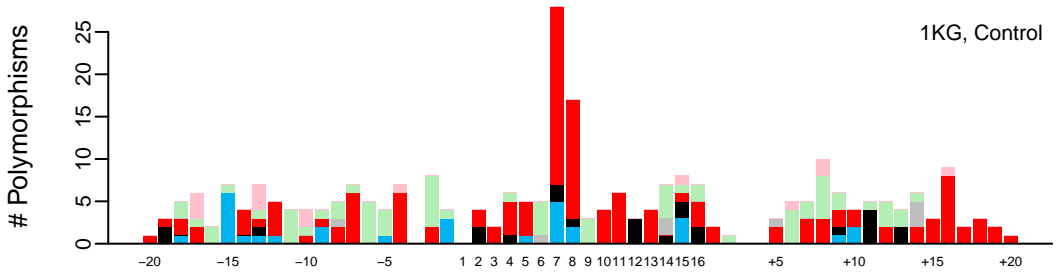
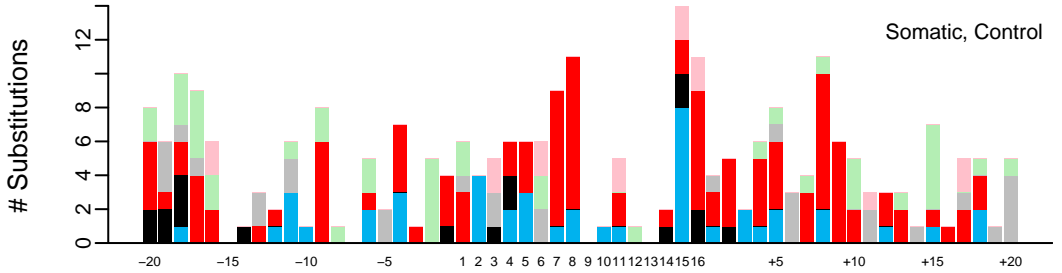
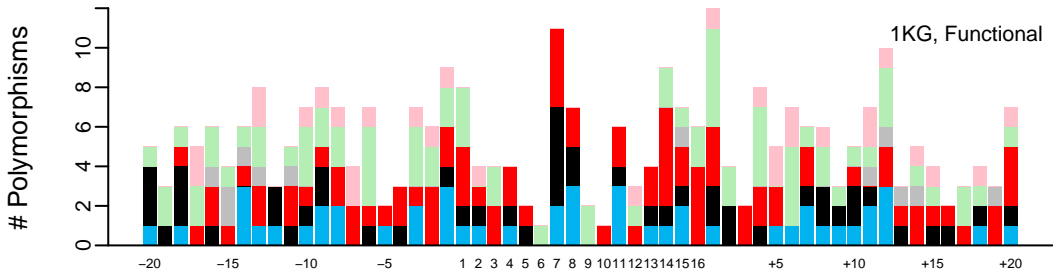
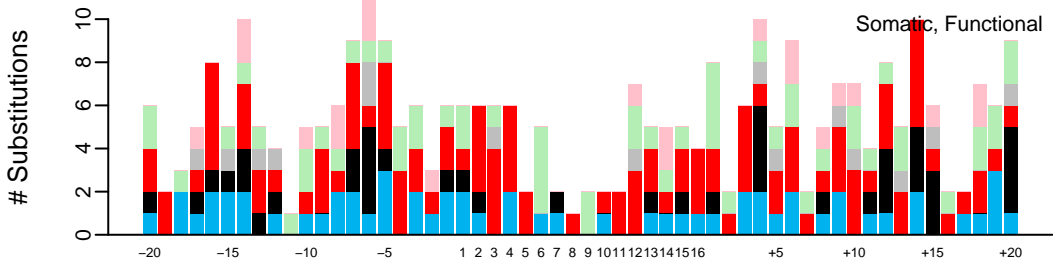
MOTIF POSITION

IRF4, PB0034.1



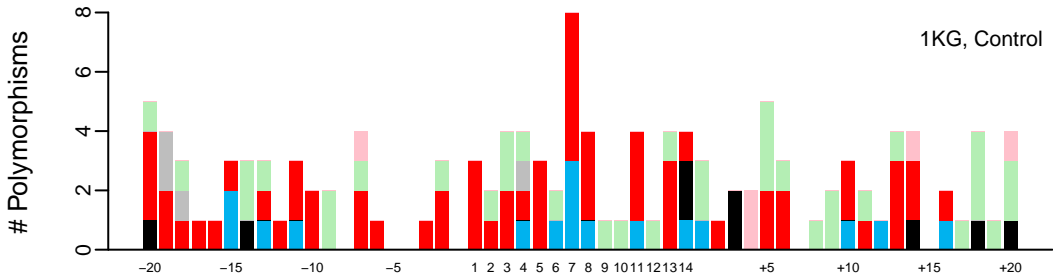
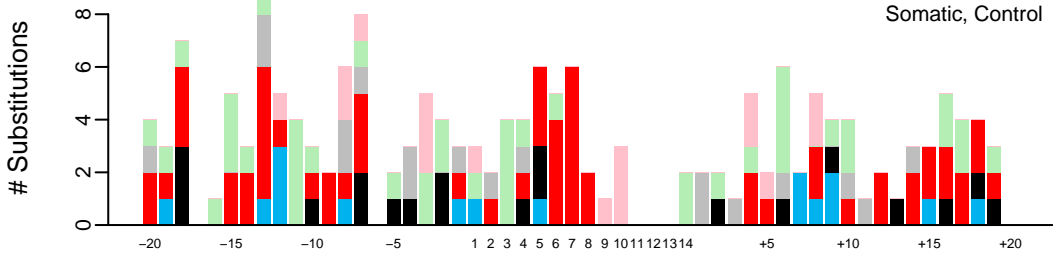
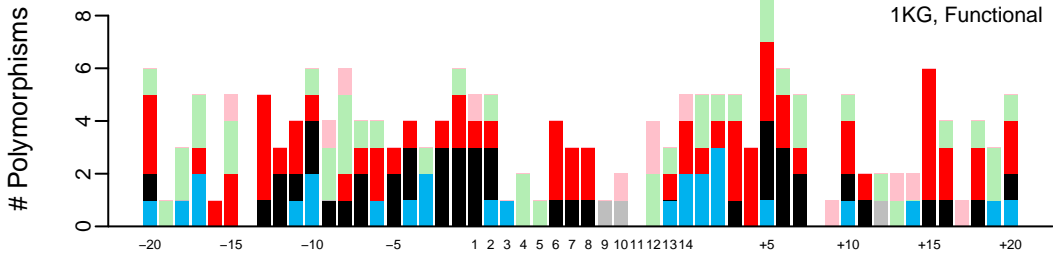
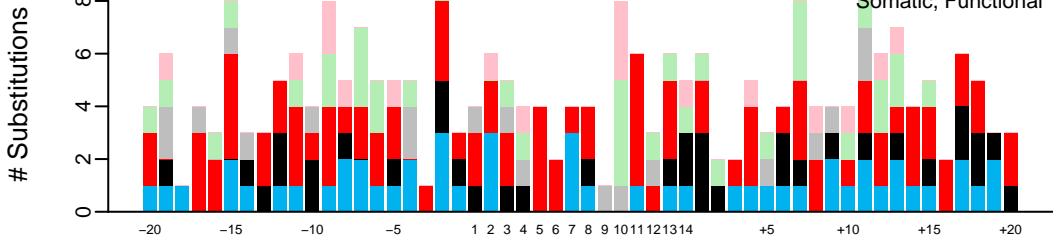
MOTIF POSITION

MAX, PB0043.1



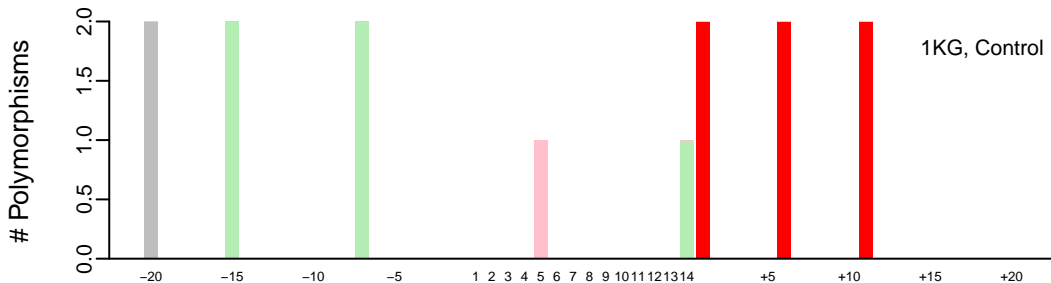
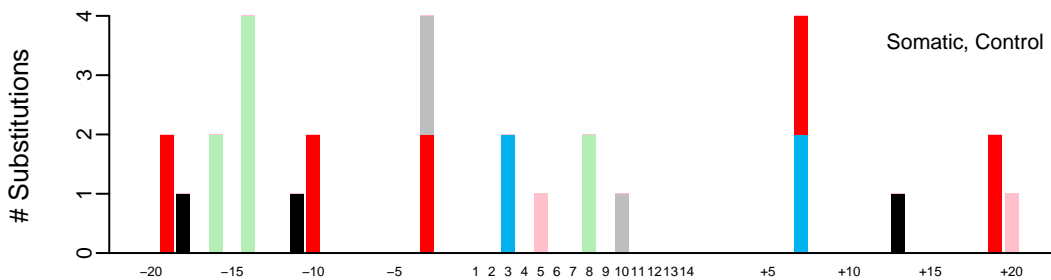
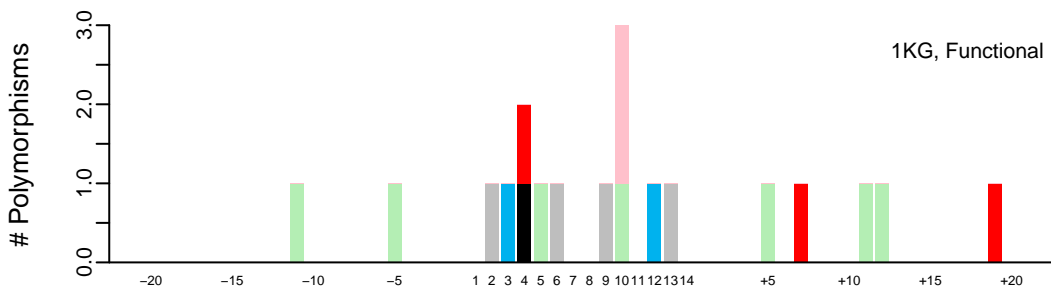
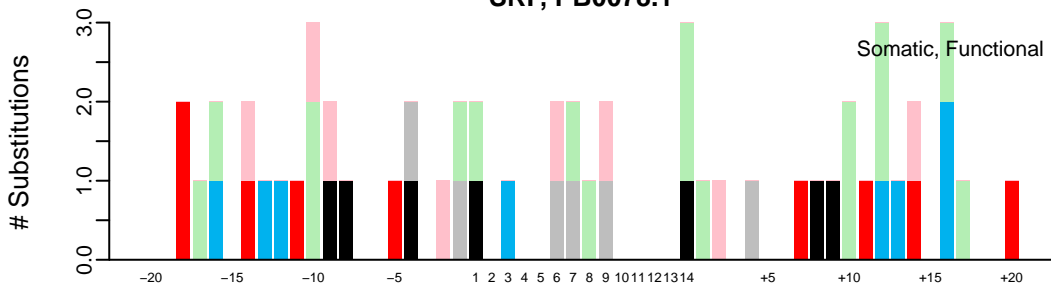
MOTIF POSITION

PU1, PB0058.1



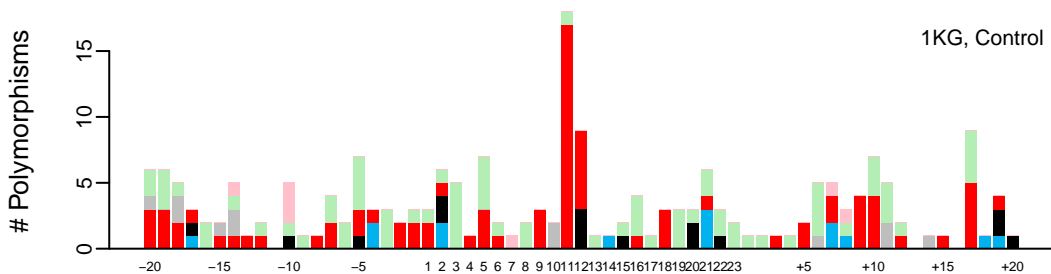
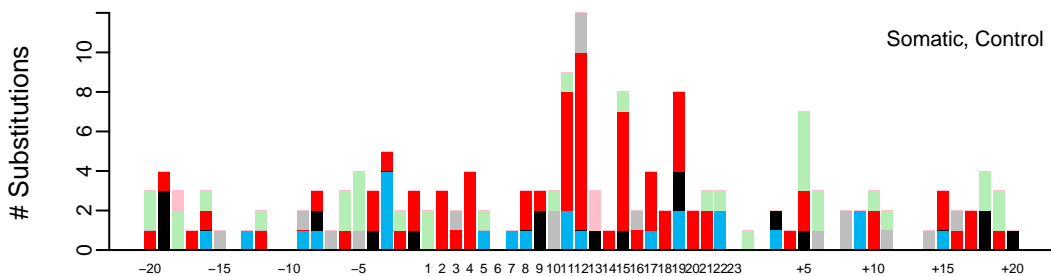
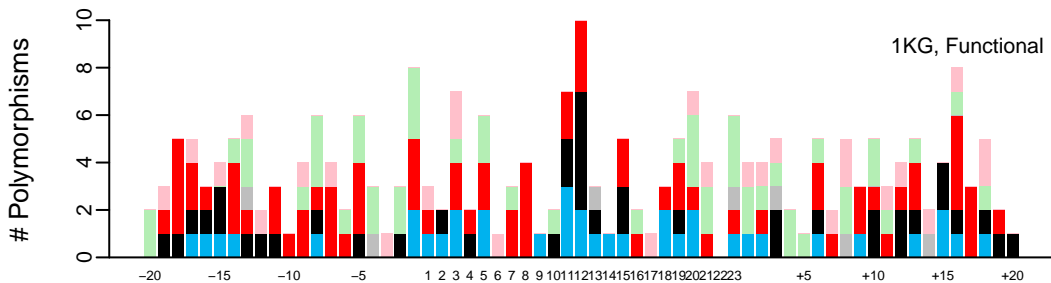
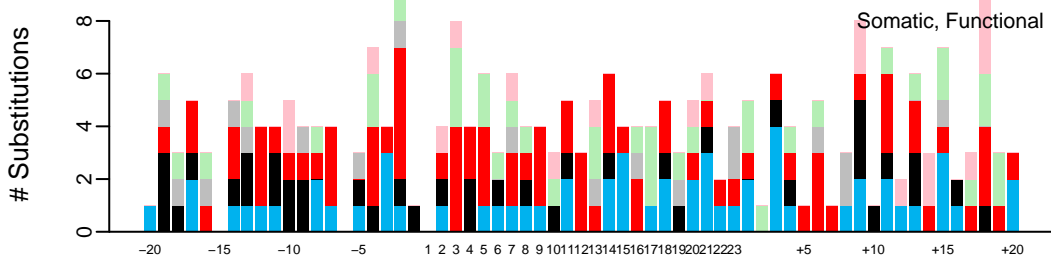
MOTIF POSITION

SRF, PB0078.1

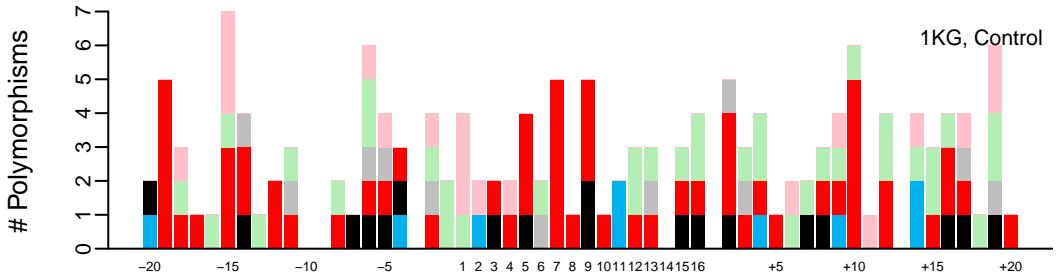
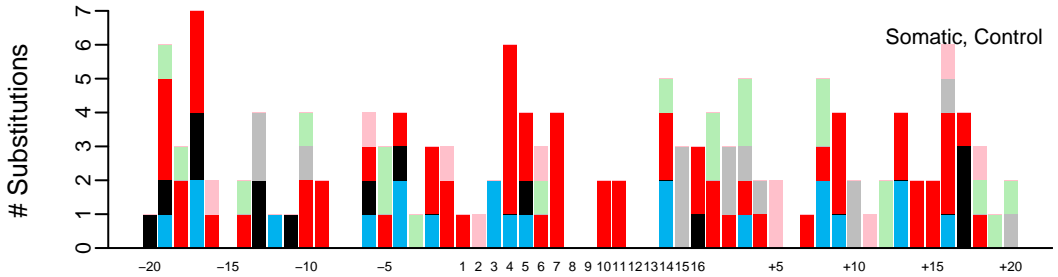
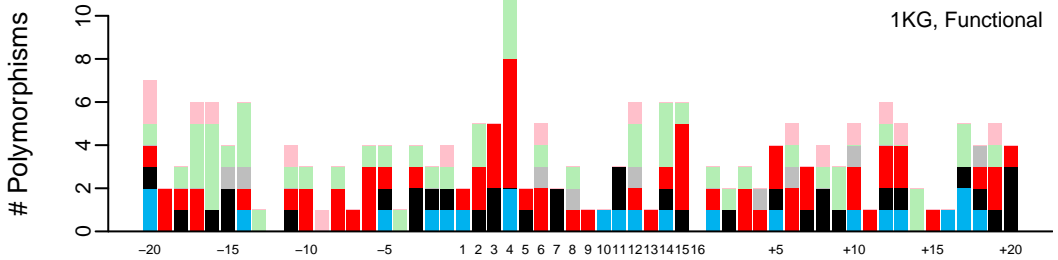
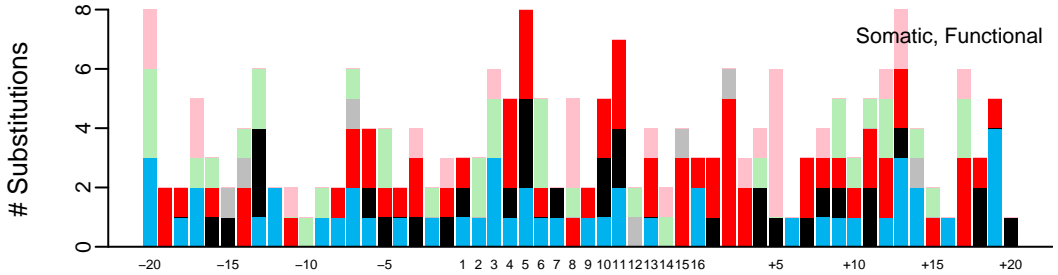


MOTIF POSITION

BHLHE40, PB0111.1

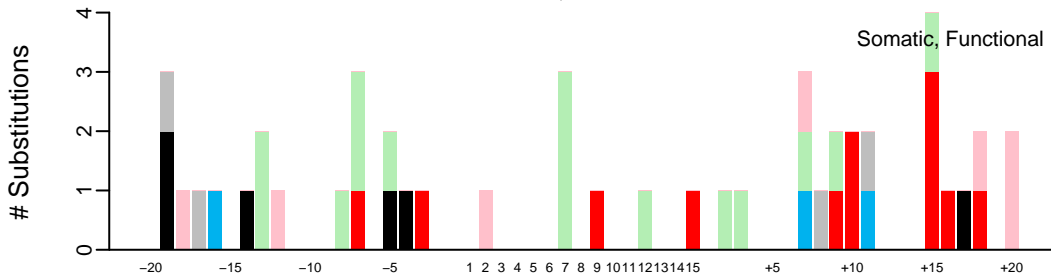


EGR1, PB0114.1

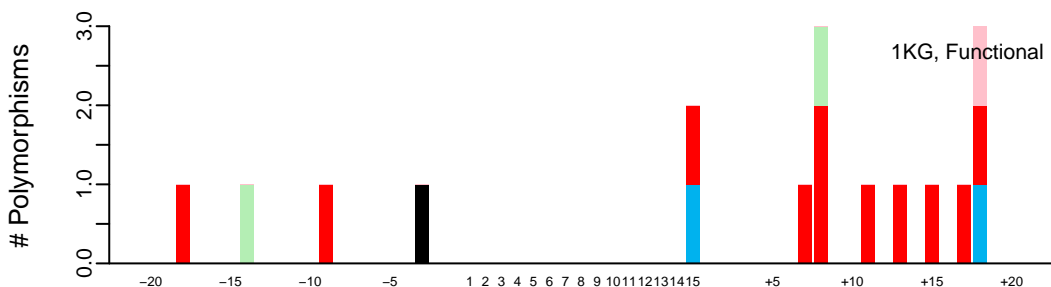


MOTIF POSITION

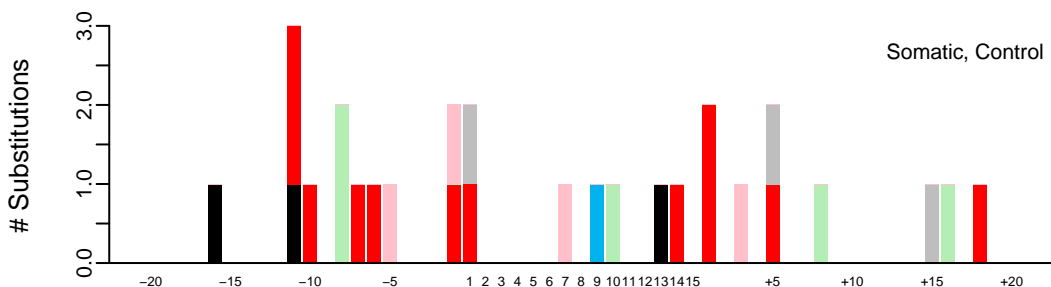
FOXA2, PB0119.1



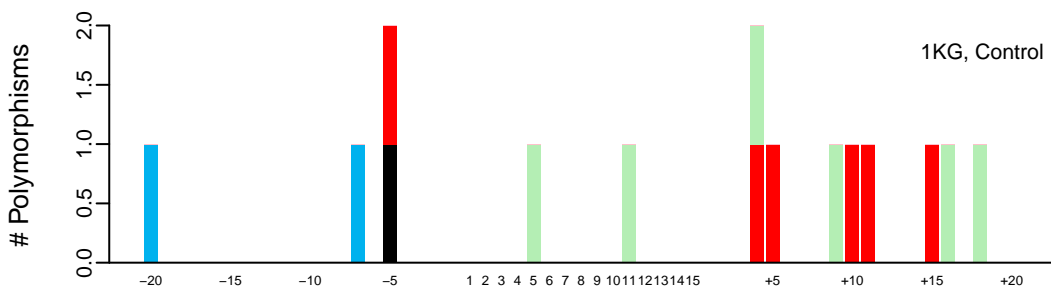
Somatic, Functional



1KG, Functional



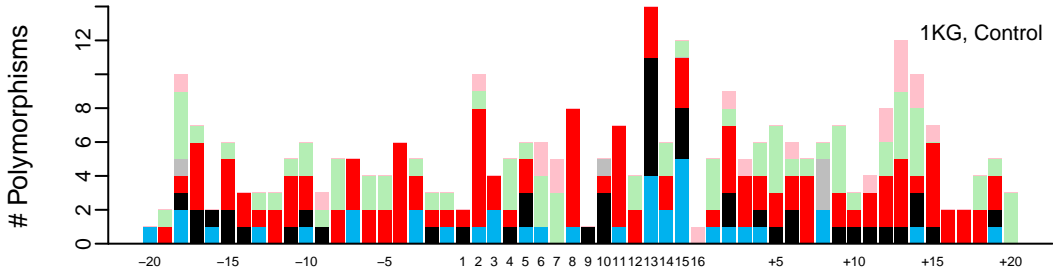
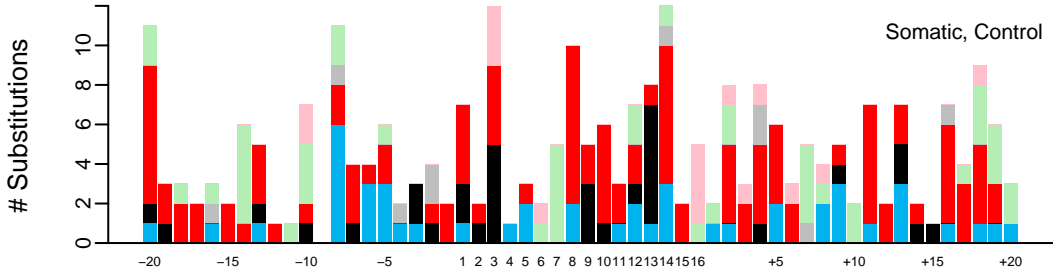
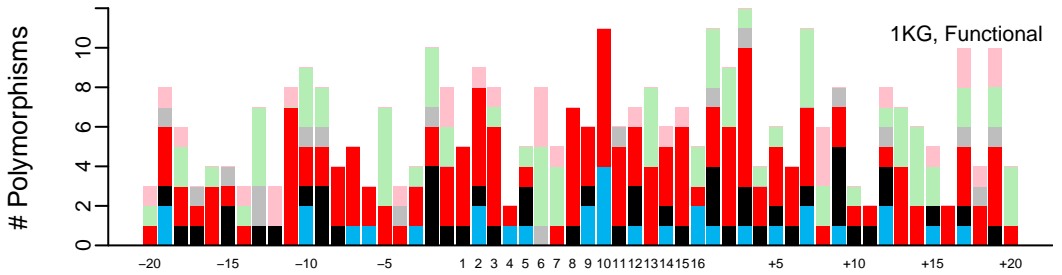
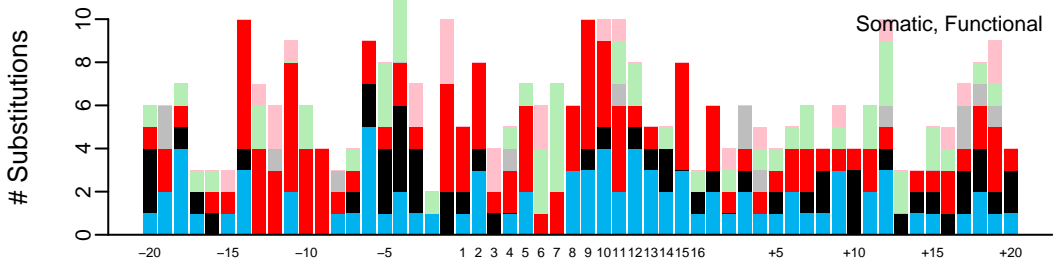
Somatic, Control



1KG, Control

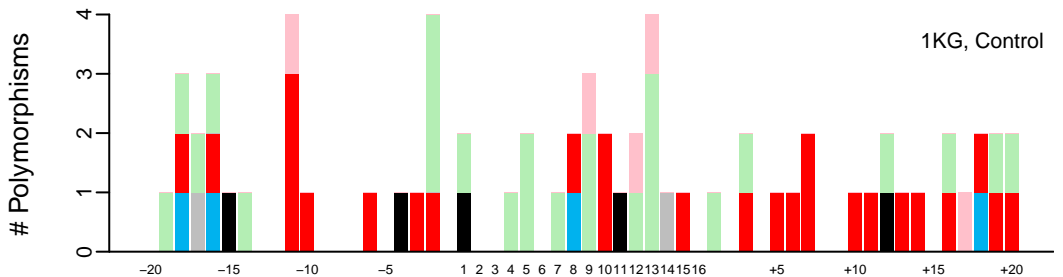
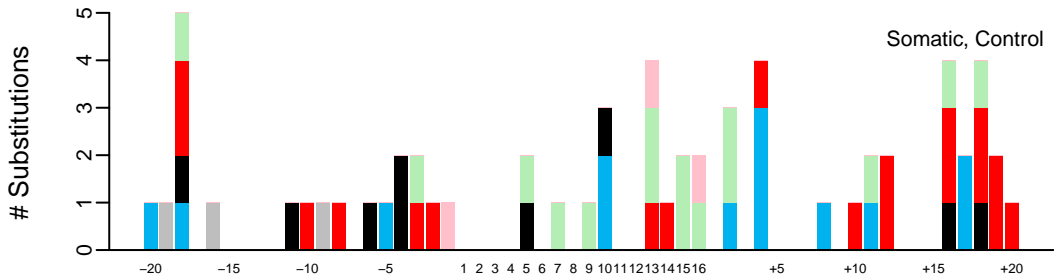
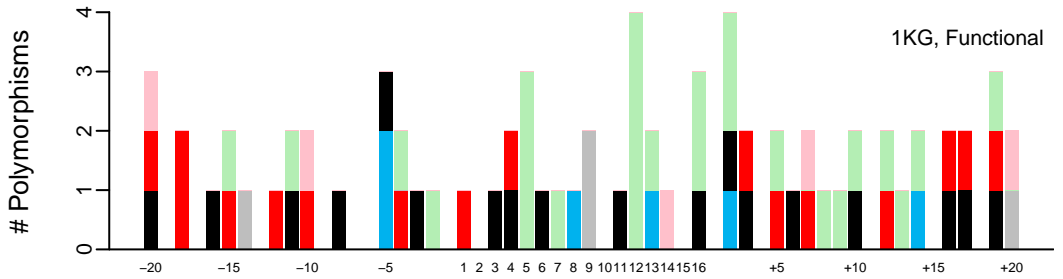
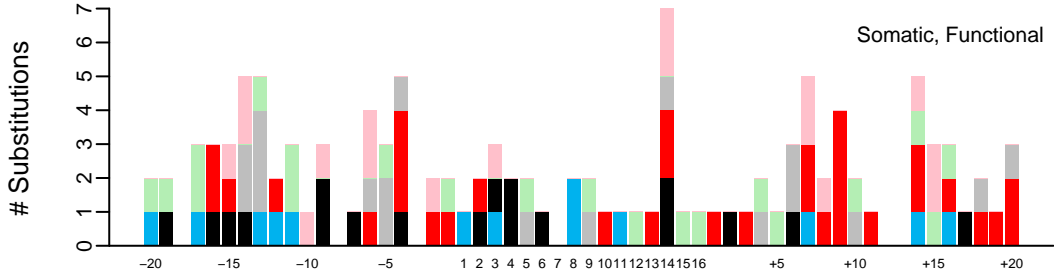
MOTIF POSITION

GABP, PB0124.1



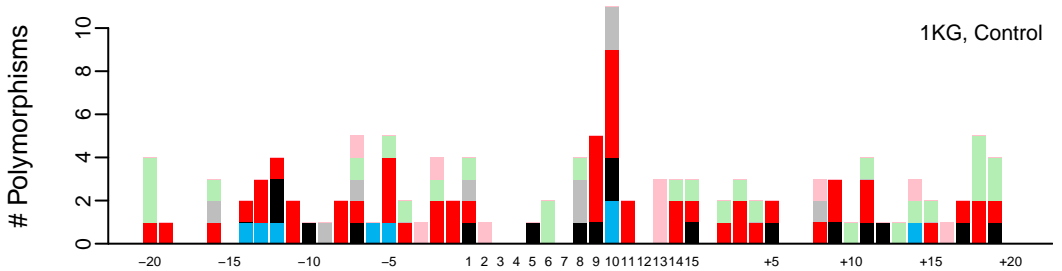
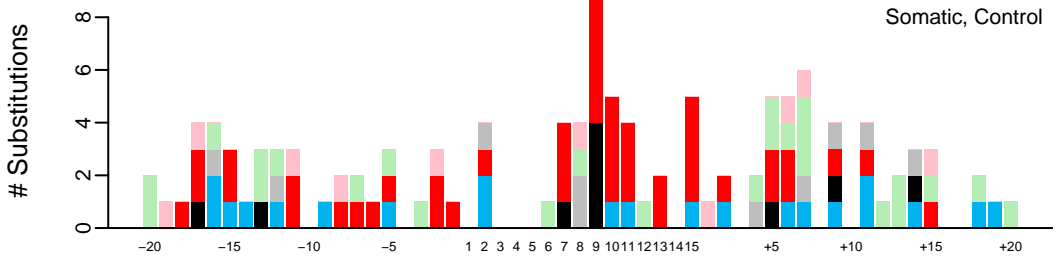
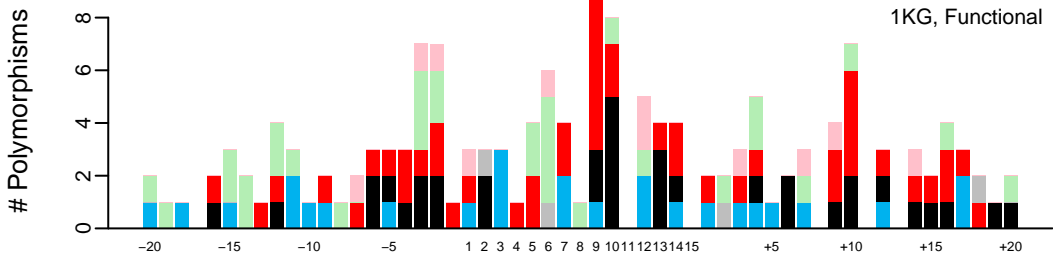
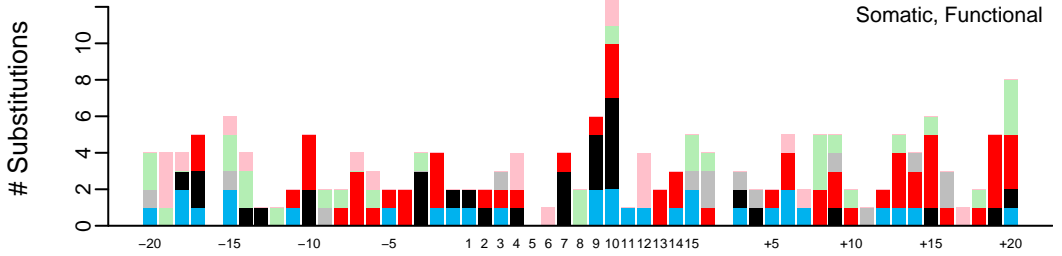
MOTIF POSITION

HNF4A, PB0134.1



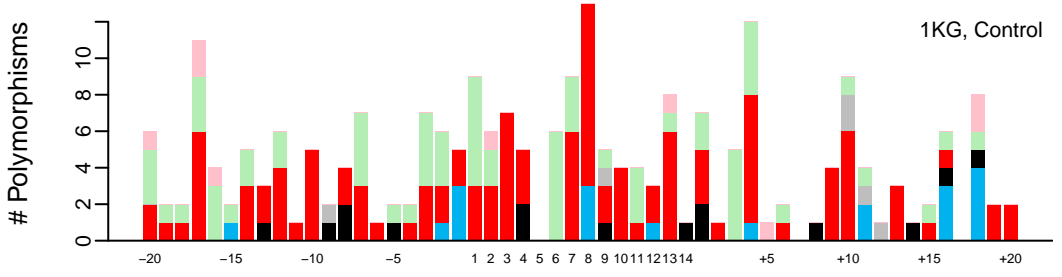
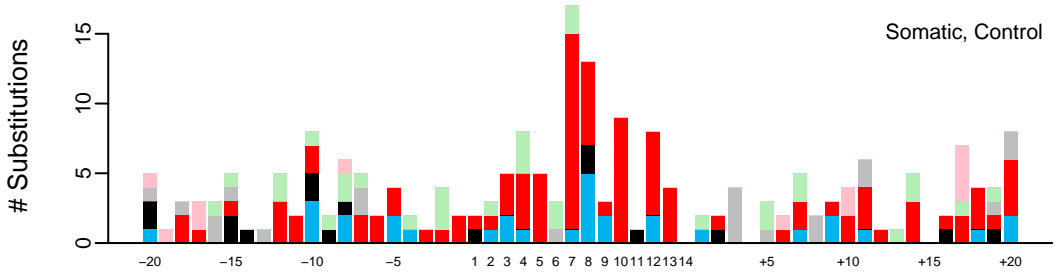
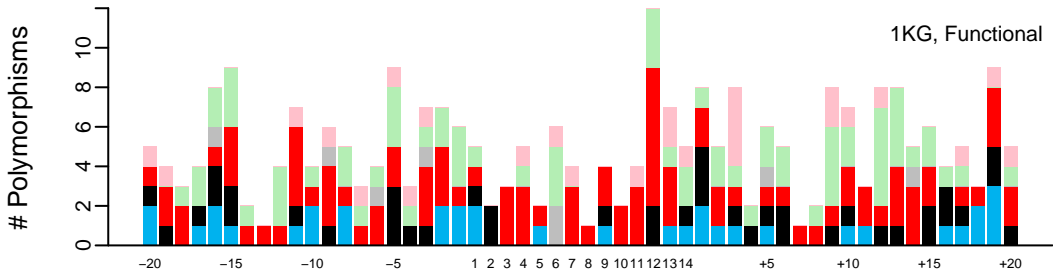
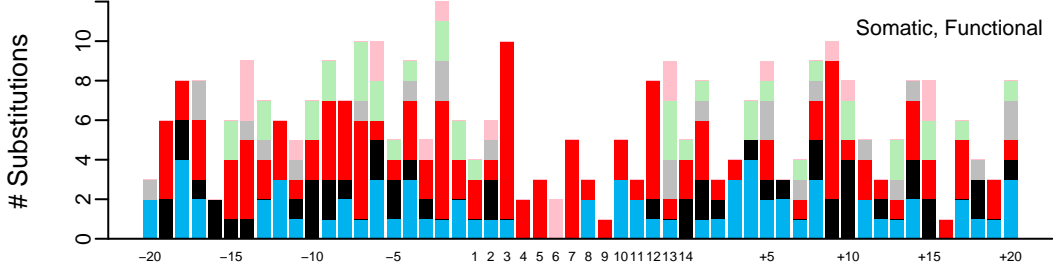
MOTIF POSITION

IRF4, PB0138.1



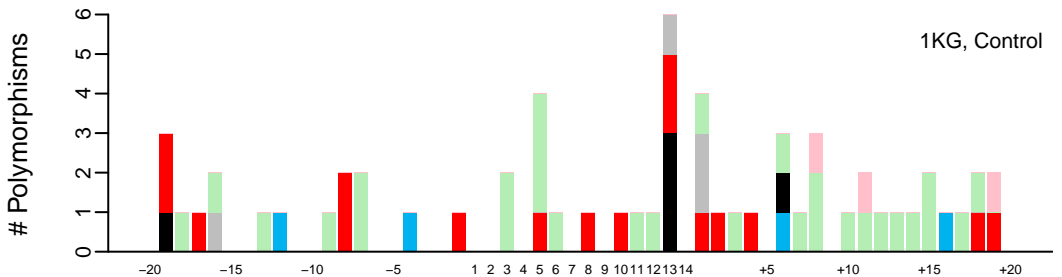
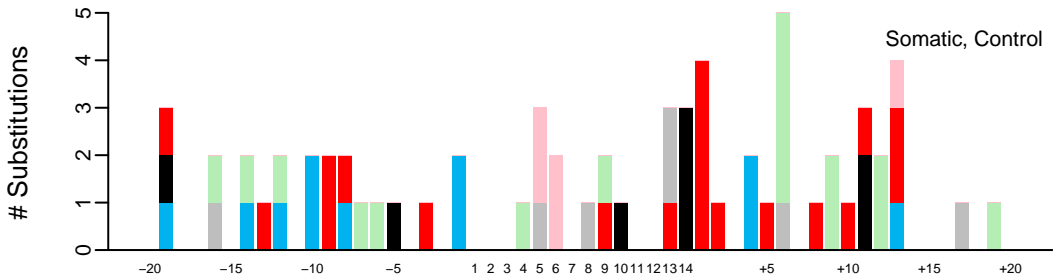
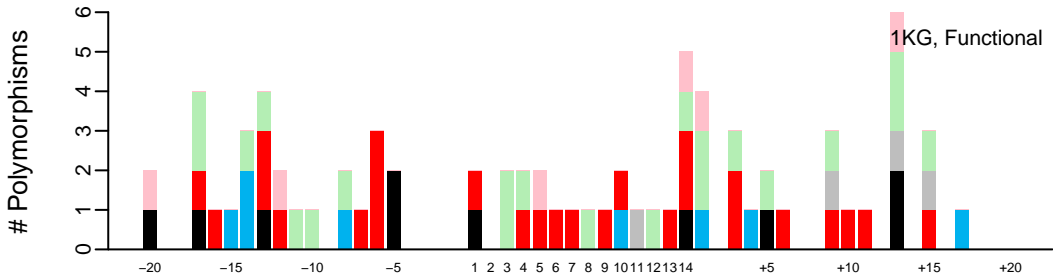
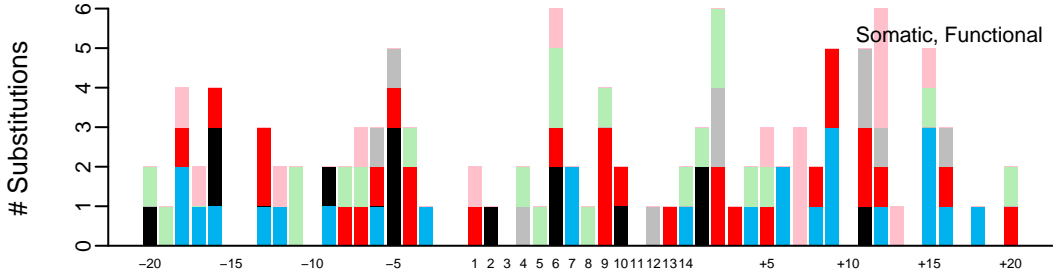
MOTIF POSITION

MAX, PB0147.1



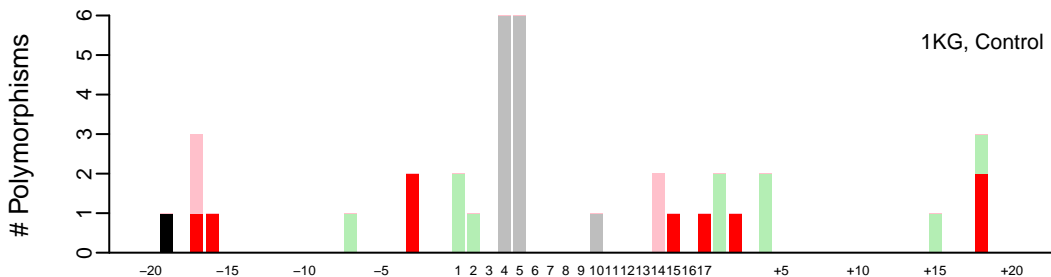
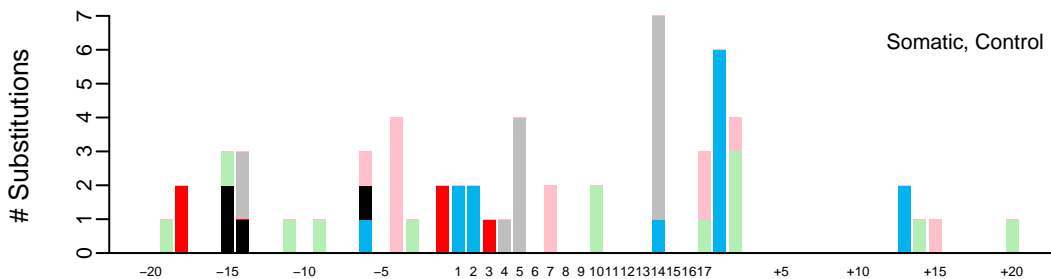
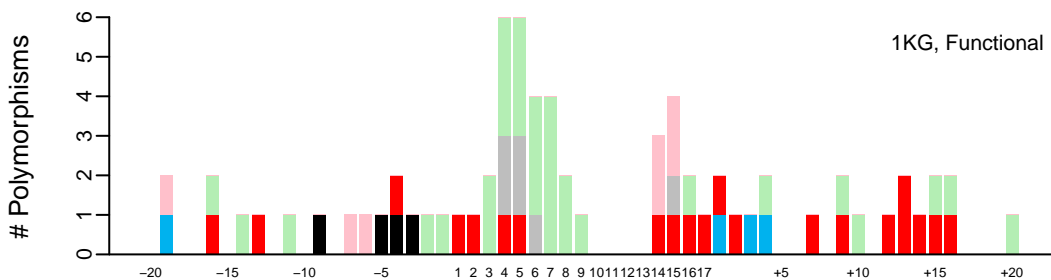
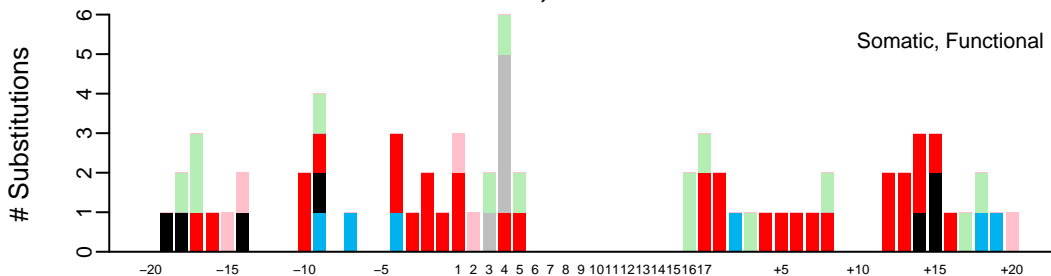
MOTIF POSITION

PU1, PB0162.1



MOTIF POSITION

SRF, PB0182.1



MOTIF POSITION