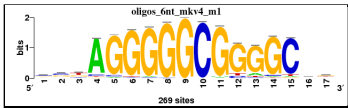
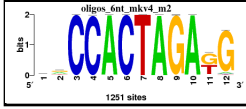
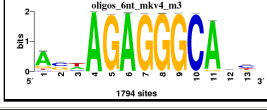


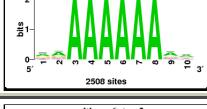

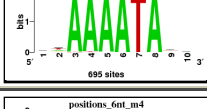

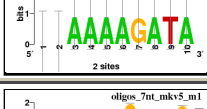

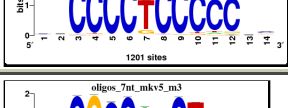
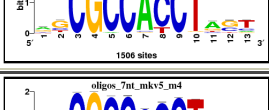
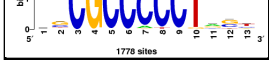
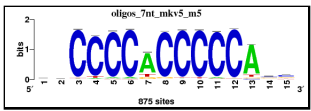
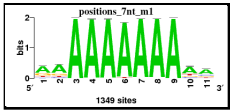
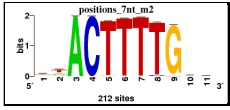
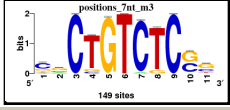
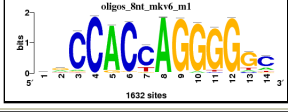
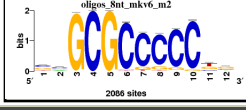
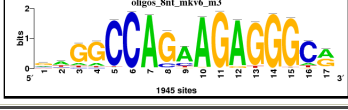
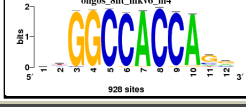
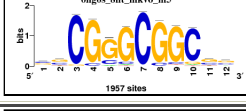

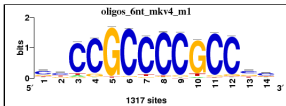
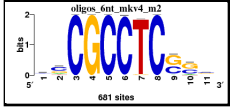
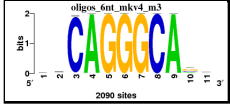
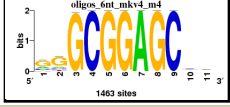
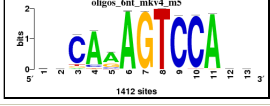





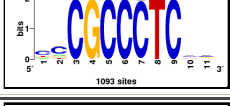

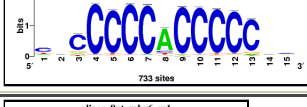
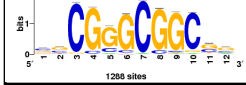





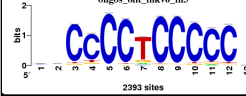
Motif discovery results using all peaks

Motif	Logo	3 Top hits in databases
oligos_6nt_mkv4_m1		versus <u>jaspar_core vertebrates</u> : SP1, SP2, KLF5,
oligos_6nt_mkv4_m2		versus <u>jaspar_core vertebrates</u> : CTCF, ZNF354C,
oligos_6nt_mkv4_m3		versus <u>jaspar_core vertebrates</u> : CTCF,
oligos_6nt_mkv4_m4		versus <u>jaspar_core vertebrates</u> : SP2, SP1,
oligos_6nt_mkv4_m5		versus <u>jaspar_core vertebrates</u> : no match
positions_6nt_m1		versus <u>jaspar_core vertebrates</u> : Foxd3,
positions_6nt_m2		versus <u>jaspar_core vertebrates</u> : no match
positions_6nt_m3		versus <u>jaspar_core vertebrates</u> : MEF2C, MEF2A,
positions_6nt_m4		versus <u>jaspar_core vertebrates</u> : NKX3-1, HNF1B, Prrx2,
positions_6nt_m5		versus <u>jaspar_core vertebrates</u> : Mecom, Gata1, Gata4,
oligos_7nt_mkv5_m1		versus <u>jaspar_core vertebrates</u> : CTCF,
oligos_7nt_mkv5_m2		versus <u>jaspar_core vertebrates</u> : SP1, EGR1, KLF5,
oligos_7nt_mkv5_m3		versus <u>jaspar_core vertebrates</u> : CTCF,
oligos_7nt_mkv5_m4		versus <u>jaspar_core vertebrates</u> : CTCF, SP2, INSM1,

oligos_7nt_mkv5_m5		versus <u>jaspar_core vertebrates</u> : KLF5, SP1, EGR1,
positions_7nt_m1		versus <u>jaspar_core vertebrates</u> : Foxd3,
positions_7nt_m2		versus <u>jaspar_core vertebrates</u> : Sox3,
positions_7nt_m3		versus <u>jaspar_core vertebrates</u> : no match
oligos_8nt_mkv6_m1		versus <u>jaspar_core vertebrates</u> : CTCF,
oligos_8nt_mkv6_m2		versus <u>jaspar_core vertebrates</u> : INSM1, CTCF,
oligos_8nt_mkv6_m3		versus <u>jaspar_core vertebrates</u> : CTCF,
oligos_8nt_mkv6_m4		versus <u>jaspar_core vertebrates</u> : CTCF,
oligos_8nt_mkv6_m5		versus <u>jaspar_core vertebrates</u> : no match
positions_8nt		versus <u>jaspar_core vertebrates</u> : no match

Motif discovery results using peaks not overlapping Ctfc peaks

Motif	Logo	3 Top hits in databases
oligos_6nt_mkv4_m1		versus <u>jaspar_core vertebrates</u> : SP1, KLF5, SP2,
oligos_6nt_mkv4_m2		versus <u>jaspar_core vertebrates</u> : SP2,
oligos_6nt_mkv4_m3		versus <u>jaspar_core vertebrates</u> : TFAP2C, ESR1, TFAP2A,
oligos_6nt_mkv4_m4		versus <u>jaspar_core vertebrates</u> : SP1, SP2,
oligos_6nt_mkv4_m5		versus <u>jaspar_core vertebrates</u> : HNF4A, HNF4G, Rxra,
positions_6nt_m1		versus <u>jaspar_core vertebrates</u> : Foxd3,
positions_6nt_m2		versus <u>jaspar_core vertebrates</u> : Gfi1b, Gfi1, NFATC2,
positions_6nt_m3		versus <u>jaspar_core vertebrates</u> : Prrx2, HOXA5, Pdx1,
oligos_7nt_mkv5_m1		versus <u>jaspar_core vertebrates</u> : EGR2, EGR1, E2F4,
oligos_7nt_mkv5_m2		versus <u>jaspar_core vertebrates</u> : SP2, SP1, KLF5,
oligos_7nt_mkv5_m3		versus <u>jaspar_core vertebrates</u> : SP2, KLF5, EGR1,
oligos_7nt_mkv5_m4		versus <u>jaspar_core vertebrates</u> : no match
oligos_7nt_mkv5_m5		versus <u>jaspar_core vertebrates</u> : SP1, EGR1, KLF5,
oligos_8nt_mkv6_m1		versus <u>jaspar_core vertebrates</u> : no match

oligos_8nt_mkv6_m2		<u>versus jasper_core vertebrates:</u> CEBPA, CEBPB, SOX10,
oligos_8nt_mkv6_m3		<u>versus jasper_core vertebrates:</u> CEBPA, SOX10, CEBPB,
oligos_8nt_mkv6_m4		<u>versus jasper_core vertebrates:</u> NRF1, E2F1,
oligos_8nt_mkv6_m5		<u>versus jasper_core vertebrates:</u> SP1, EGR1, KLF5,