

Figure S5

D.mel CTCF DBD YSCPHCPYTASKKFLI TRHSRSHDVEPSFKCSI CERSFRSNVGLQNH I NTHMGNKPHKCKLCESAFTTSGELVRHTRYKHTKEKPHKCTECTYASVELTK
D.sim CTCF DBD YSCPHCPYTASKKFLI TRHSRSHDVEPSFKCSI CERSFRSNVGLQNH I NTHMGNKPHKCKLCESAFTTSGELVRHTRYKHTKEKPHKCTECTYASVELTK
D.yak CTCF DBD YSCPHCPYTANKKFLI TRHSRSHDVEPSFKCSI CERSFRSNVGLQNHVNTHMGNKPHKCKLCESAFTTSGELVRHTRYKHTKEKPHKCTECTYASVELTK
D.pse CTCF DBD FNCSCAYT TNKKFLI TRHNKTHEDFSFKCSI CDRGFKSNVGL VNHVNTHLGNKPHKCKHCESAFVTSGEL I RHTRYKHTKEKPHKCTECSYASVELTK

D.mel CTCF DBD LRRHMTCHTGERPYQCPHCTYASQDMFKLKRHMVI HTGEKKYQCDI CKSRFTQSNLKAHKL I HSVVDKPVFQCNYCPTTCGRKADLRVHI KHMHTSDVP
D.sim CTCF DBD LRRHMTCHTGERPYQCPHCTYASQDMFKLKRHMVI HTGEKKYQCDI CKSRFTQSNLKAHKL I HSVVDKPVFQCNYCPTTCGRKADLRVHI KHMHTSDVP
D.yak CTCF DBD LRRHMTCHTGERPYQCPHCTYASQDMFKLKRHMVI HTGEKKYQCDI CKSRFTQSNLKAHKL I HSVVDKPVFQCNYCPTTCGRKADLR I HI KHMHTSDVP
D.pse CTCF DBD LRRHMTCHTGERPYQCPHCTYASQDMFKLKRHLV VHTGEKRYQCDI CKSRFTQSNLKAHKL I HSVVDKPVFQC SHCPTTCGRKADLR LHVMMHTADKP

D.mel CTCF DBD MTCRRCGQQL PDRYQYKL HVKSHEGEKCYSCKLCSYASVTQRHLASHML I HLDEKPFHCDQCPQAFRQRQL LRRHMNLVHNEEYQPPEPREKLHKCPSCP
D.sim CTCF DBD ITCRRCGQQL PDRYQYKL HVKSHEGEKCYSCKLCSYASVTQRHLASHML I HLDEKPFHCDQCPQAFRQRQL LRRHMNLVHNEEYQPPEPREKLHKCPSCP
D.yak CTCF DBD ITCRRCGQQL PDRYQYKL HVKSHEGEKCYSCKLCSYASVTQRHLASHML I HLDEKPFHCEQCPQAFRQRQL LRRHMNLVHNEEYQPPAPRAKLHKCPSCP
D.pse CTCF DBD I PCKRCGQNL PDRYQYKL HI KTHEGEFCYRCKLC EYASVSQRHL DSHML VHLDAKPFKCEVCPQAFRQRQL LRRHMNLVHNEEYTRPEPREKMHSCEP

D.mel CTCF DBD REFTHKGNLMRHMETH
D.sim CTCF DBD REFTHKGNLMRHMETH
D.yak CTCF DBD REFTHKGNLMRHMEI H
D.pse CTCF DBD RI FTHKGNL I RHMEI H