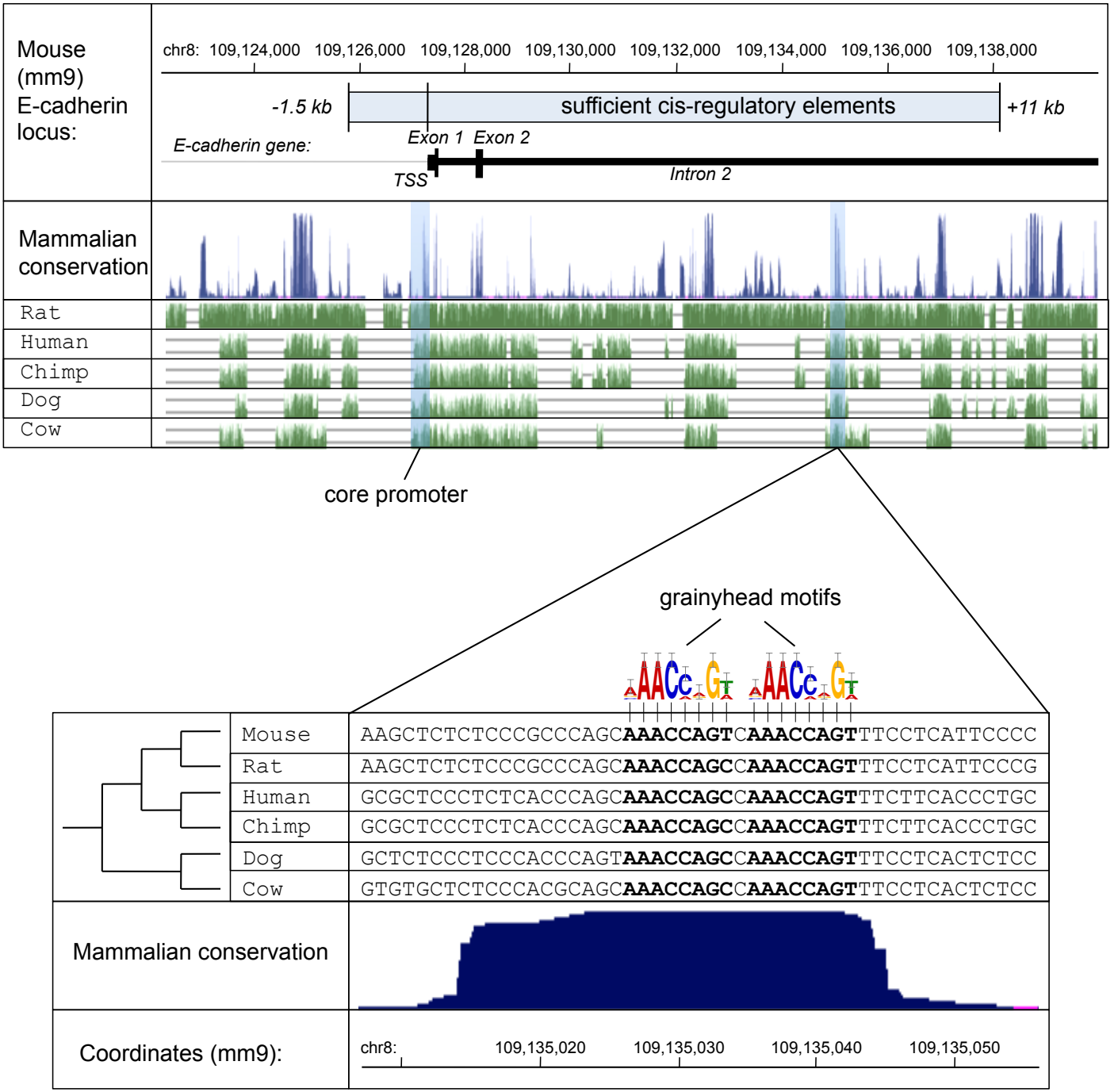
Mouse (mm9) E-cadherin locus:
chr8: 109,124,000 109,126,000 109,128,000 109,130,000 109,132,000 109,134,000 109,136,000 109,138,000
-1.5 kb
sufficient cis-regulatory elements
+11 kb
E-cadherin gene:
Exon 1 Exon 2
TSS
Intron 2
Mammalian conservation
Rat
Human
Chimp
Dog
Cow
core promoter
grainyhead motifs
Mouse AAGCTCTCTCCCGCCCAGCAAACCAGTCAAACCAGTTTCCTCATTCCCC
Rat AAGCTCTCTCCCGCCCAGCAAACCAGCCAAACCAGTTTCCTCATTCCCG
Human GCGCTCCCTCTCACCCAGCAAACCAGCCAAACCAGTTTCTTCACCCTGC
Chimp GCGCTCCCTCTCACCCAGCAAACCAGCCAAACCAGTTTCTTCACCCTGC
Dog GCTCTCCCTCCCACCCAGTAAACCAGCCAAACCAGTTTCCTCACTCTCC
Cow GTGTGCTCTCCCACGCAGCAAACCAGCCAAACCAGTTTCCTCACTCTCC
Mammalian conservation
Coordinates (mm9):
chr8: 109,135,020 109,135,030 109,135,040 109,135,050