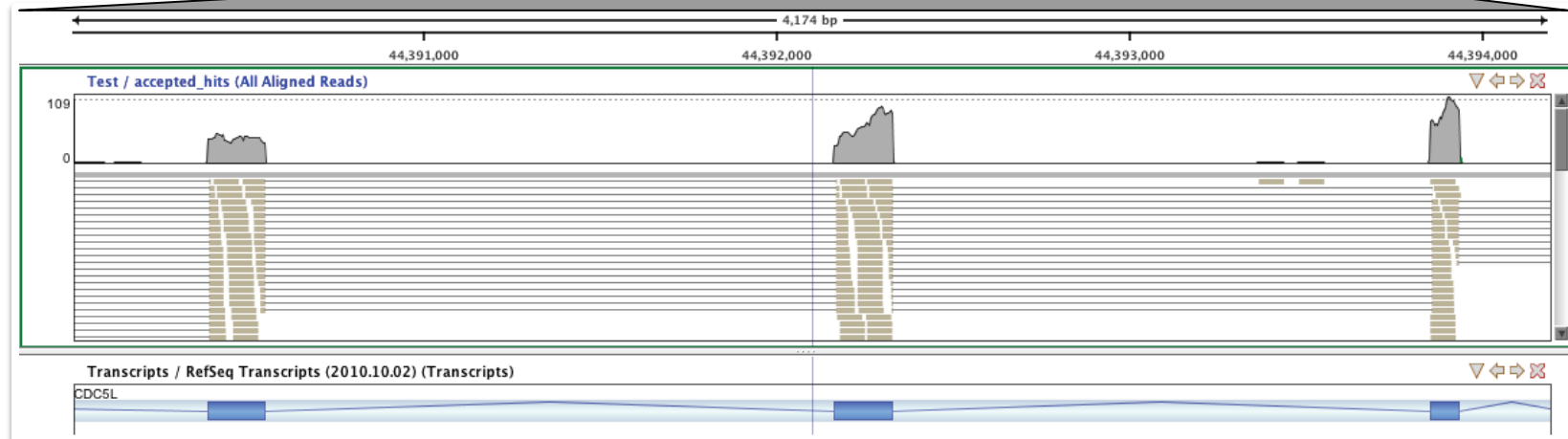
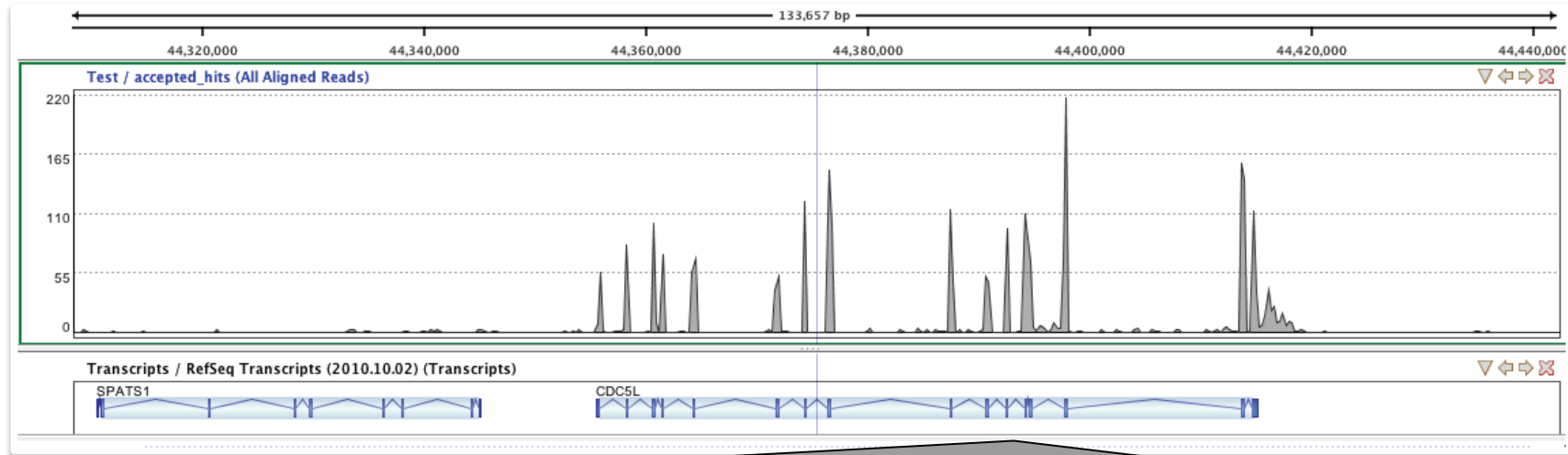
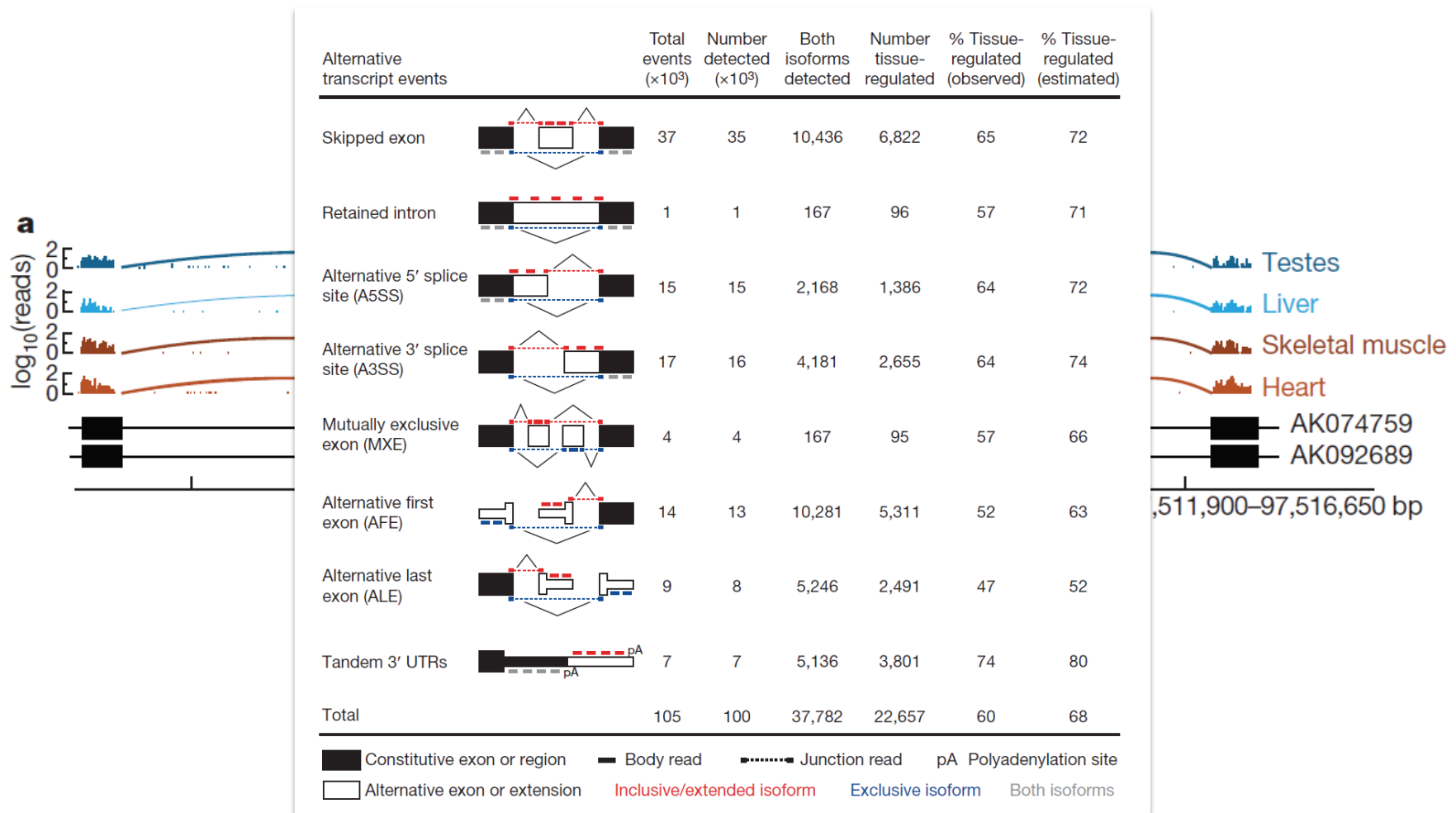


RNA-Seq (Quantification)



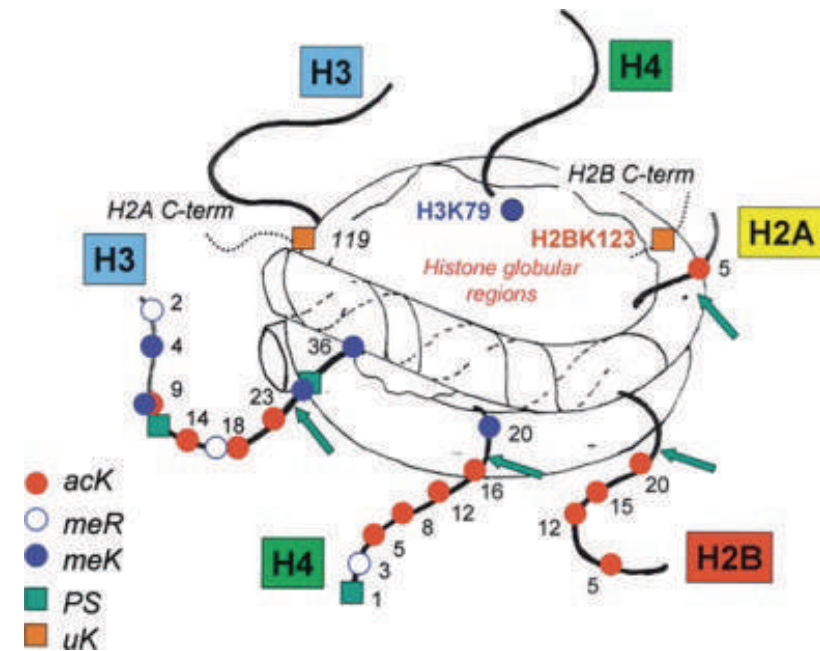
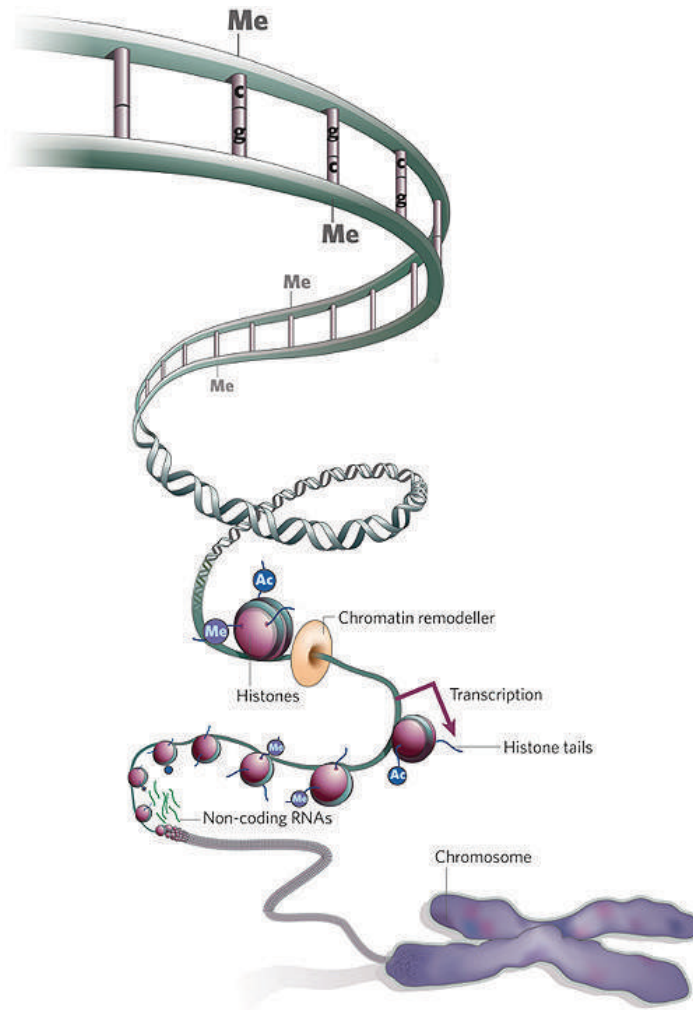
Number of reads mapped to a gene proportional to expression level

Transcripts isoforms

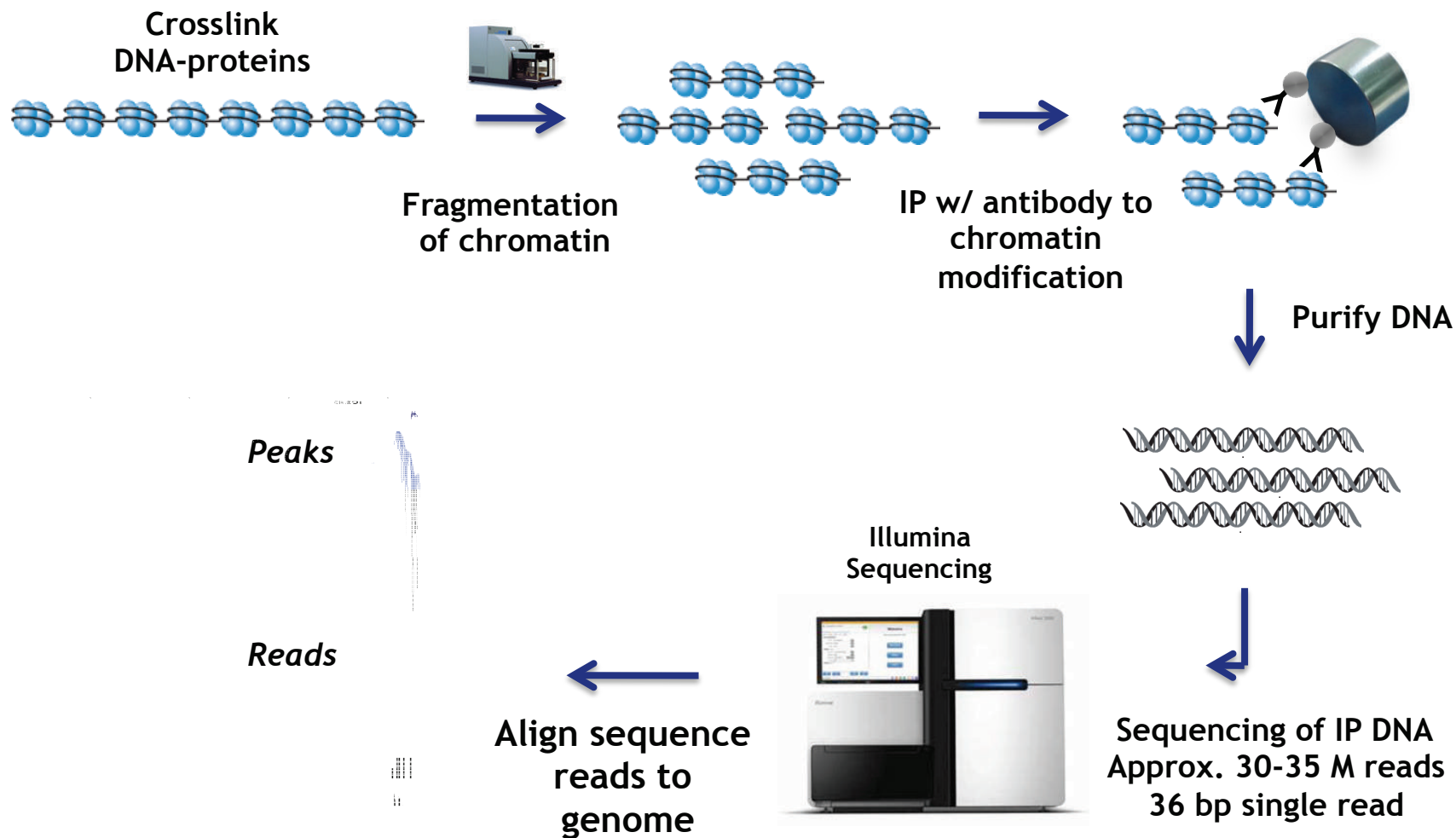


Wang, Sandberg et al. Nature 2008

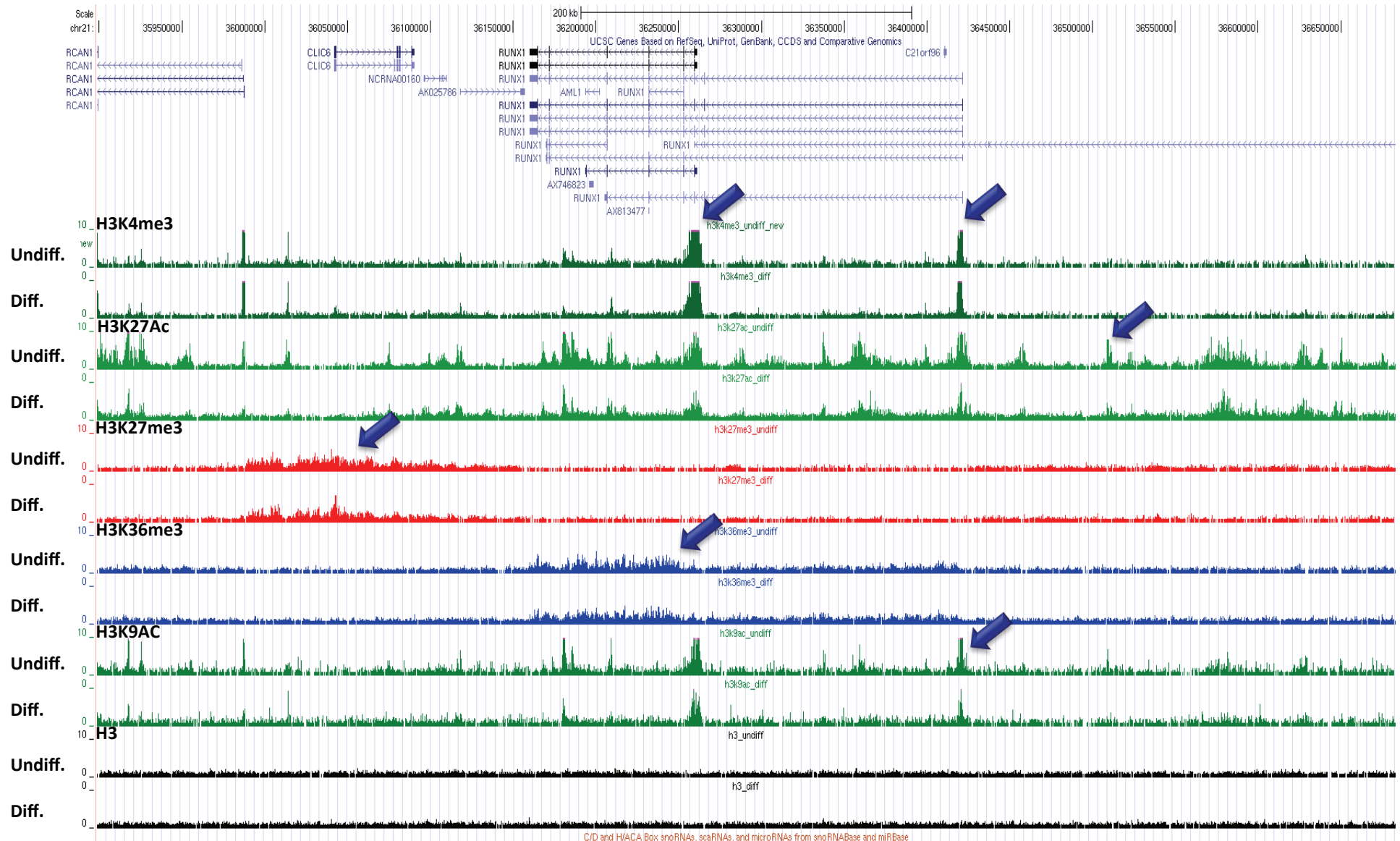
Epigenetic Regulation



ChIP-Seq



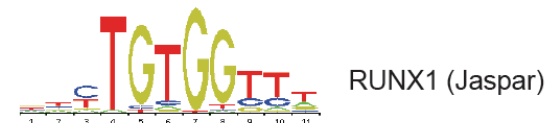
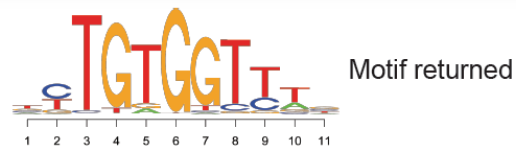
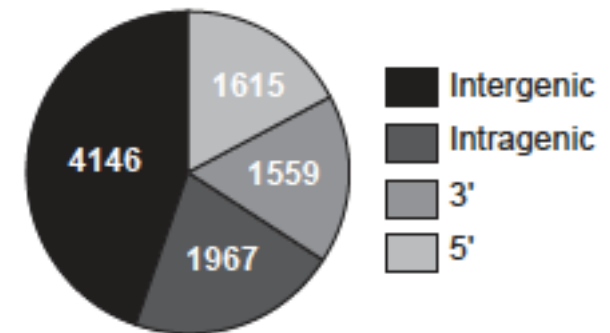
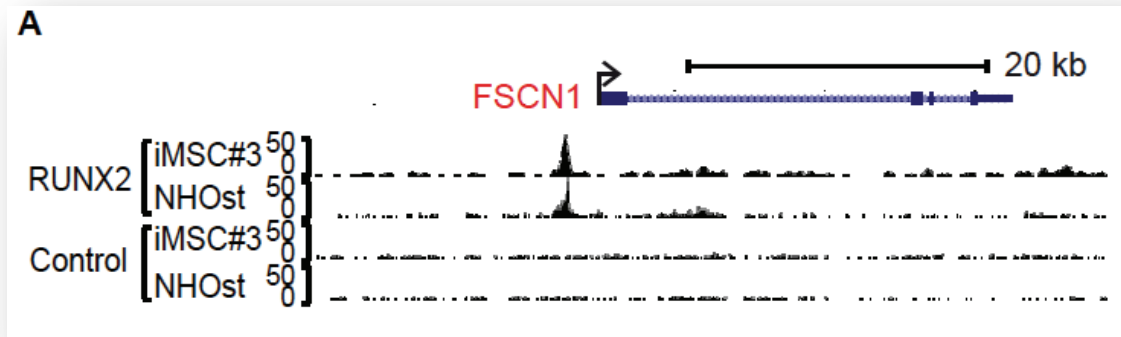
Epigenetic landscapes



Transcription Factor Binding

ChIP-Seq *RUNX2*

9287 peaks



Håkelién et al, Stem Cells 2014