

## Figure legend. Heatmap of ChIPseq reads along a uniform gene model. This plot is generated by counting the number of reads along this region for

each gene to display these values on different rows of the heatmap. The Xaxis represents the metagene and the flanking regions in which the counts

ranked by the average ChIP intensity on this region. TSS is the Transcription Start Site and TES is the Transcription End Site. On the right, ChIP signal were calculated for each gene. The Y-axis represents the list of all genes

range from high (top) to low (bottom).

Number of reads: 21482 ChIPseq experiment:

Number of genes:

Flanking sequence: 2000

RefSeq transcripts:

Window factor: