

Supplementary Table 2. Peak calling programs

| Program | Tag density profile | Peak definition | Significance |
|---------------------------|---------------------|---------------------------------|---|
| CisGenome | Window sliding | Peak height and fold enrichment | FDR |
| MACS1 | Window sliding | Peak height and fold enrichment | FDR |
| MACS2 | Window sliding | Peak height and fold enrichment | FDR |
| MACS2 with a broad option | Window sliding | Peak height and fold enrichment | FDR |
| PeakSeq | Tag clustering | Peak height and fold enrichment | Compare to statistical model fitted with control data |
| SISSRs | Window sliding | Strand specific | Compare to normalized control data |

FDR, false discovery rate.