**To mock or not: a comprehensive comparison of mock IP and DNA input for ChIP-seq**

**SUPPORT INFORMATION**

***Supplementary figures***

<http://archive2.gersteinlab.org/proj/MockOrNot/SupportInformation/Supplementary_Figures.docx>

***Supplementary tables***

<http://archive2.gersteinlab.org/proj/MockOrNot/SupportInformation/Supplementary_Tables.xlsx>

***Supplementary data***

For the manuscript, we generated seven sets of mock IP data. These data have been submitted to the ENCODE portal (Table S5). The fastq files also can be accessed at our website: <http://archive2.gersteinlab.org/proj/MockOrNot/Data/Raw/fastq/>

In this manuscript, the TF binding sites in worm and fly whole organisms are detected respectively using DNA input, mock IP and combined controls.

These sites are deposited in <http://archive2.gersteinlab.org/proj/MockOrNot/Data/Processed/>

The corresponding directories are ChIP-seq\_wDNAInput, ChIP-seq\_wMockIP and ChIP-seq\_Combo.

Particularly, for human cell lines, the TF binding sites are only detected using DNA input and mock IP controls, respectively.

These binding sites are in ChIP-seq\_wDNAInput and ChIP-seq\_wMockIP, respectively.

The other IP experiments and DNA input controls are downloaded from the ENCODE portal.

These experiments of human, worm and fly TFs are listed in the supplementary tables.