**S3 Table. Reads and peaks of ChIP-seq analyses using HBZ transduced primary mouse T cells.**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 　 | Mock transduction  | HBZ transduction |  |  |
| 　 | Anti-AcH3 | Input | Isotype | Anti-AcH3 | Input | Isotype |  |  |
| # of total reads  | 33,560,172 | 76,059,332 | 54,961,308 | 53,395,684 | 52,710,558 | 53,541,762 |  |  |
| # of mapped reads  | 29,224,420 | 59,179,510 | 42,179,882 | 42,549,534 | 41,012,850 | 41,095,933 |  |  |
| # of peaks  | 26,522 |  | 　 | 27,267 |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  | Mock transduction  | HBZ transduction  |
| 　 | Anti-AcH3K9 | Anti-AcH3K18 | Anti-AcH3K27 | Input | Anti-AcH3K9 | Anti-AcH3K18 | Anti-AcH3K27 | Input |
| # of total reads  | 10,907,495 | 20,582,731 | 26,673,484 | 50,935,380 | 10,395,573 | 21,194,969 | 35,275,392 | 49,078,385 |
| # of mapped reads  | 9,700,769 | 18,242,551 | 23,564,507 | 39,817,927 | 9,220,037 | 18,879,056 | 31,273,563 | 38,752,005 |
| # of peaks  | 24,189 | 38,256 | 29,254 |  | 21,806 | 36,749 | 33,109 |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  | HBZ-FLAG transduction  |  |  |  |  |  |  |
| 　 | Anti-FLAG | Input |  |  |  |  |  |  |
| # of total reads  | 31,824,673 | 30,184,437 |  |  |  |  |  |  |
| # of mapped reads  | 26,455,353 | 26,204,482 |  |  |  |  |  |  |

Statistics of the tags generated for experiment are summarized. The numbers of reads and peaks are shown.