### Supplementary Table 1

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| Sample | Batch | Sequencing Depth(UMIs/Cell) | Sequencing Saturation |
| Mouse-2-1\_WTLM | 2 | 5,558 | 60.9% |
| Mouse-2-2\_WTLM | 2 | 6,241 | 68.3% |
| Mouse-2-3\_WTLM | 2 | 3,818 | 83.1% |
| Mouse-2-4\_WTLM | 2 | 5,627 | 59.8% |
| Mouse-2-6\_WTLM | 2 | 4,953 | 60.4% |
| Mouse-1-3\_WTLM | 1 | 5,599 | 88.5% |
| Mouse-1-6\_WTLM | 1 | 4,441 | 87.8% |
| Mouse-1-7\_WTLM | 1 | 5,157 | 81.2% |
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