**Table S3 Total reads and mapping ratio information for control and Dex groups**

For the chain-specific library

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sample** | **Total raw reads (G)** | **Clean reads Q30 (%)** | **GC content (%)** | **Total mapping ratio (%)** |
| c\_7d\_1 | 14.38 | 94.83 | 52.62 | 95.81 |
| c\_7d\_2 | 12.8 | 94.69 | 53.79 | 95.9 |
| c\_7d\_3 | 16.15 | 95.13 | 53.53 | 96.25 |
| d\_7d\_1 | 15.34 | 94.64 | 52.18 | 95.66 |
| d\_7d\_2 | 14.83 | 94.31 | 52.77 | 95.75 |
| d\_7d\_3 | 14.94 | 94.89 | 53.42 | 96.06 |
| c\_14d\_1 | 14.13 | 93.73 | 51.33 | 95.24 |
| c\_14d\_2 | 14.13 | 94.81 | 52.37 | 95.96 |
| c\_14d\_3 | 15.43 | 94.48 | 52.81 | 95.88 |
| d\_14d\_1 | 14.54 | 95.08 | 52.09 | 95.5 |
| d\_14d\_2 | 13.79 | 94.66 | 52.86 | 95.91 |
| d\_14d\_3 | 14.51 | 94.2 | 53.24 | 96.02 |

For the small RNA library

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sample** | **Total raw reads (G)** | **Clean reads Q30 (%)** | **GC content (%)** | **Total mapping ratio (%)** |
| c\_7d\_1 | 0.811  | 93.48  | 50.09  | 94.91  |
| c\_7d\_2 | 0.770  | 93.94  | 49.33  | 96.67  |
| c\_7d\_3 | 0.778  | 93.44  | 49.82  | 95.51  |
| d\_7d\_1 | 0.844  | 94.09  | 49.85  | 95.30  |
| d\_7d\_2 | 0.776  | 94.26  | 50.16  | 95.24  |
| d\_7d\_3 | 0.798  | 93.31  | 49.76  | 95.70  |
| c\_14d\_1 | 0.783  | 91.78  | 49.35  | 93.20  |
| c\_14d\_2 | 0.865  | 92.00  | 49.54  | 96.41  |
| c\_14d\_3 | 0.827  | 91.54  | 50.37  | 93.36  |
| d\_14d\_1 | 0.827  | 93.88  | 49.60  | 94.96  |
| d\_14d\_2 | 0.782  | 93.27  | 50.30  | 92.59  |
| d\_14d\_3 | 0.788  | 93.08  | 50.79  | 95.28  |