S. Table 1. The total library size of in each library

|  |  |  |  |
| --- | --- | --- | --- |
| Time point | RepLiCATION | libRary size |  |
| T0 | 1 | 2736683.44 |  |
| T0 | 2 | 2670100.25 |  |
| T0 | 3 | 3651010.10 |  |
| T0 | 4 | 2878490.73 |  |
|  |  |  |  |
| T1 | 1 | 1205217.54 |  |
| T1 | 2 | 12715755.9 |  |
| T1 | 3 | 2602502.93 |  |
| T1 | 4 | 4565454.37 |  |
| T1 | 5 | 3608102.07 |  |
|  |  |  |  |
| 7.5 min | 1 | 7516508.15 |  |
| 7.5 min | 2 | 3575790.96 |  |
| 7.5 min | 3 | 8809307.85 |  |
| 7.5 min | 4 | 5853163.56 |  |
|  |  |  |  |
| 15 min | 1 | 4058185.51 |  |
| 15 min | 2 | 6549193.93 |  |
| 15 min | 3 | 4180310.46 |  |
| 15 min | 4 | 11768715.2 |  |
| 15 min | 5 | 5807170.53 |  |
|  |  |  |  |
| 30 min | 1 | 1661325.10 |  |
| 30 min | 2 | 5900944.57 |  |
| 30 min | 3 | 7309647.30 |  |
| 30 min | 4 | 8388436.34 |  |
| 30 min | 5 | 1741226.27 |  |
|  |  |  |  |
| 45 min | 1 | 3240481.36 |  |
| 45 min | 2 | 3076189.13 |  |
| 45 min | 3 | 5960013.89 |  |
| 45 min | 4 | 12865934.6 |  |
| 45 min | 5 | 10034786.0 |  |
|  |  |  |  |
| 60 min | 1 | 5356294.39 |  |
| 60 min | 2 | 1064185.57 |  |
| 60 min | 3 | 5255488.59 |  |
| 60 min | 4 | 1662868.46 |  |
| 60 min | 5 | 7395508.20 |  |
|  |  |  |  |
| 75 min | 1 | 5489158.01 |  |
| 75 min | 2 | 8900908.49 |  |
| 75 min | 3 | 2931002.97 |  |
| 75 min | 4 | 10970960.20 |  |
| 75 min | 5 | 2269441.70 |  |
|  |  |  |  |
| 90 min | 1 | 3937812.58 |  |
| 90 min | 2 | 5918807.01 |  |
| 90 min | 3 | 3116400.79 |  |
| 90 min | 4 | 1406371.32 |  |
| 90 min | 5 | 1120188.09 |  |
|  |  |  |  |
| 105 min | 1 | 5165877.10 |  |
| 105 min | 2 | 6172803.58 |  |
|  |  |  |  |
| 120 min | 1 | 5036278.30 |  |
| 120 min | 2 | 1689751.18 |  |
| 120 min | 3 | 6466339.59 |  |