*Table S5:*

General consensus loop sizes and thus position relative to the start of the first loop at the first loop base determined for mouse fetal brain (FB; inactive -globin) and fetal liver (FL; active -globin) cells of the -globin locus at q E3-F1. The subchromosomal domain size is calculated for domains with defined borders only from the sum of the loop sizes present.

|  |  |  |
| --- | --- | --- |
| ***Loop***  ***[#]*** | ***Loop Size***  ***[kbp]*** | ***Domain/Linker***  ***[#]*** |
| 1 | 40.6 | Domain 1 |
| 2 | 37.7 |
| 3 | 55.6 | Linker 1 |
| 4 | 52.7 | Domain 2  1343.6 |
| 5 | 39.9 |
| 6 | 84.1 |
| 7 | 50.6 |
| 8 | 78.4 |
| 9 | 47.3 |
| 10 | 88.3 |
| 11 | 51.3 |
| 12 | 53.4 |
| 13 | 59.8 |
| 14 | 47.4 |
| 15 | 47.7 |
| 16 | 57.7 |
| 17 | 86.9 |
| 18 | 53.4 |
| 19 | 72.0 |
| 20 | 44.9 |
| 21 | 54.2 |
| 22 | 93.3 |
| 23 | 77.7 |
| 24 | 52.7 |
| 25 | 49.9 |
| 26 | 82.7 | Linker 2 |
| 27 | 48.5 | Domain 3 |
| 28 | 37.8 |
| 29 | 45.0 |
| 30 | 83.4 |
| 31 | 42.7 |
| 32 | 62.0 |
| 33 | 48.5 |
| 34 | 60.6 |
| Average  StdDev  StdErr | 57.8±16.2±2.9  69.2±19.2±13.6 | Loops  Linker |