NGA50 and NG50 for SOAPdenovo and MaSuRCA

In Table 1 and Table 2 are the NGA50 and NG50 for both SOAPdenovo and MaSuRCA assemblies.

Table 1. The assembled NGA50 contig size (in kilo-bases) for SOAPdenovo and MaSuRCA assemblies. The “-d0” and “-d1” are parameters to SOAPdenovo instructing the assemblers to use all 31-mers or to ignore the 31-mers occurring only once.

| Corrector | Rhodobacter | Staphylococcus | Mouse C16 | R. SRX264781 |
|-----------|-------------|----------------|-----------|-------------|
| SOAPdenovo | MaSuRCA | SOAPdenovo | MaSuRCA | SOAPdenovo | MaSuRCA | SOAPdenovo | MaSuRCA | SOAPdenovo | MaSuRCA |
| none      | -d0 | -d1 |
| Coral     | 0.  | 2.7 | 0.   | 4.8 | 0. | 0.64 | 1.5 | 2.7 | 0.  | 15 | 0.  |
| Echo      | 0.  | 3.1 | 0.   | 0.92| 9.1 | 1.2 | -   | -   | -   | 1.1 | 22 | 0.  |
| HiTec     | 0.96| 2.3 | 0.   | 3.0 | 8.5 | 6.5 | -   | -   | -   | 2.4 | 13 | 60  |
| Quake     | 2.9 | 1.6 | 5.0  | 10  | 5.7 | 16  | 1.7 | 1.7 | 6.2 | 8.8 | 6.9| 53  |
| SGA       | 3.4 | 2.3 | 3.4  | 8.4 | 5.9 | 10  | 1.4 | 1.4 | 5.2 | 20  | 15 | 61  |
| Racer     | 1.2 | 2.5 | 0.   | 5.2 | 7.8 | 4.2 | 1.2 | 1.2 | 6.0 | 4.5 | 15 | 52  |
| Musket    | 0.53| 2.9 | 0.   | 2.1 | 9.5 | 0.  | 1.2 | 1.4 | 5.7 | 1.4 | 18 | 0.  |
| QuorUM    | 6.6 | 5.9 | 19   | 19  | 16 | 33  | 1.7 | 1.7 | 5.7 | 26  | 25 | 130 |

Table 2. The assembled NG50 contig size (in kilo-bases) for SOAPdenovo and MaSuRCA assemblies. The “-d0” and “-d1” are parameters to SOAPdenovo instructing the assemblers to use all 31-mers or to ignore the 31-mers occurring only once.

| Corrector | Rhodobacter | Staphylococcus | Mouse C16 | R. SRX264781 |
|-----------|-------------|----------------|-----------|-------------|
| SOAPdenovo | MaSuRCA | SOAPdenovo | MaSuRCA | SOAPdenovo | MaSuRCA | SOAPdenovo | MaSuRCA | SOAPdenovo | MaSuRCA |
| none      | -d0 | -d1 |
| Coral     | 0.  | 2.7 | 0.   | 4.8 | 0. | 0.64 | 1.5 | 2.7 | 0.  | 16 | 0.  |
| Echo      | 0.  | 3.1 | 0.   | 0.92| 9.2 | 1.2 | -   | -   | -   | 1.1 | 22 | 0.  |
| HiTec     | 0.96| 2.3 | 0.   | 3.0 | 8.5 | 6.5 | -   | -   | -   | 2.4 | 13 | 60  |
| Quake     | 2.9 | 1.6 | 5.0  | 10  | 5.7 | 17  | 1.7 | 1.7 | 6.2 | 8.8 | 6.9| 54  |
| SGA       | 3.4 | 2.3 | 3.4  | 8.4 | 5.9 | 10  | 1.4 | 1.4 | 5.3 | 20  | 15 | 61  |
| Racer     | 1.2 | 2.5 | 0.   | 5.2 | 7.9 | 4.2 | 1.2 | 1.2 | 6.0 | 4.5 | 15 | 52  |
| Musket    | 0.53| 2.9 | 0.   | 2.1 | 9.5 | 0.  | 1.2 | 1.4 | 5.7 | 1.4 | 18 | 0.  |
| QuorUM    | 6.6 | 5.9 | 19   | 19  | 16 | 33  | 1.7 | 1.7 | 5.8 | 26  | 25 | 130 |