|        | # contigs ≥ 500bp | largest contig | N50 | genomes covered (%) | N-rate (%) | mismatches (%) | indel rate (%) |
|--------|-------------------|----------------|-----|---------------------|------------|----------------|----------------|
| Stage a| 1136              | 1182           | 564 | 84.6                | 0.097      | 0.162          | 0.039          |
| Stage b| 846               | 1221           | 588 | 92.6                | 0.183      | 0.161          | 0.040          |
| Stage c| 188               | 4858           | 715 | 91.7                | 0.642      | 0.154          | 0.045          |

Supplemental Table S5: SAVAGE-de-novo contigs evaluated on the 20.000x real HIV mix (lab mix) per algorithm stage, illustrating the progression of contig lengths through the three stages.