| | Velvet Assembly (multi velvet, k=33, exp_cov=auto, cov_cutoff=0, scaffolding=no) | | | | | | | |
|----------------------|----------------------------------------------------------------------------------|-------------|-----------------|------------------------|-------------|-----------------|--------------|--|
| | Unfiltered Lump Assembly | | | Filtered Lump Assembly | | | | |
| | # of Contigs | # of bp | Max Contig Size | # of Contigs | # of bp | Max Contig Size | % Similarity | |
| Metahit Lump | 33,514 | 56,291,031 | 32,807 | 33,019 | 43,437,927 | 32,781 | 74% | |
| Rumen Lump | 22,640 | 16,075,203 | 3,355 | 21,674 | 17,202,480 | 7,949 | 75% | |
| Iowa Corn 50m Lump | 3,311 | 2,437,537 | 13,261 | 3,113 | 2,313,352 | 37,673 | 76% | |
| Iowa Corn 100 m Lump | 16,900 | 12,595,019 | 9,160 | 20,277 | 15,668,156 | 15,722 | 56% | |
| Iowa Corn 500 m Lump | 229,383 | 175,281,757 | 12,695 | 218,176 | 177,611,822 | 26,958 | 72% | |
| Simulated Lump | 1,519 | 1,110,539 | 3,414 | 1,485 | 1,086,280 | 3,407 | 90% | |