# Assembly Report

## Experiment Details

| | |
|---|---|
| ExperimentID: | 2 |
| Species: | Experiment 2 |
| Total Reads Count: | 1209 |
| Read Length: | 251 |
| Length of Reference Genome (Base): | 10080 |
| Number of K-mers: | 9830 |
| Length of K-mer | 576 |
| TotalAssembly Size: | 10080 |

## Overlapping Metrics

| Overlapping Length | Hit Index Count | Overlapping Matched Count | Overlapping Time |
|---|---|---|---|
| 250 | 0 | 0 | 00h:00m:00s:-020ms |
| 249 | 2 | 0 | 00h:00m:00s:-010ms |
| 248 | 5 | 0 | 00h:00m:00s:-013ms |
| 247 | 3 | 0 | 00h:00m:00s:-013ms |
| 246 | 3 | 0 | 00h:00m:00s:-013ms |
| 245 | 0 | 0 | 00h:00m:00s:-020ms |
| 244 | 15 | 4 | 00h:00m:00s:-050ms |
| 243 | 2 | 0 | 00h:00m:00s:-020ms |
| 242 | 1 | 0 | 00h:00m:00s:-013ms |

| 241 | 3 | 0 | 00h:00m:00s:-020ms |
|---|---|---|---|
| 240 | 5 | 0 | 00h:00m:00s:-033ms |
| 239 | 3 | 0 | 00h:00m:00s:-016ms |
| 238 | 2 | 0 | 00h:00m:00s:-016ms |
| 237 | 6 | 0 | 00h:00m:00s:-043ms |
| 236 | 4 | 0 | 00h:00m:00s:-013ms |
| 235 | 0 | 0 | 00h:00m:00s:-020ms |
| 234 | 2 | 0 | 00h:00m:00s:-043ms |
| 233 | 15 | 2 | 00h:00m:00s:-040ms |
| 232 | 2 | 0 | 00h:00m:00s:-013ms |
| 231 | 2 | 0 | 00h:00m:00s:-013ms |
| 230 | 3 | 0 | 00h:00m:00s:-040ms |
| 229 | 2 | 0 | 00h:00m:00s:-016ms |
| 228 | 2 | 0 | 00h:00m:00s:-033ms |
| 227 | 0 | 0 | 00h:00m:00s:-016ms |
| 226 | 32 | 16 | 00h:00m:00s:-046ms |
| 225 | 0 | 0 | 00h:00m:00s:-013ms |
| 224 | 0 | 0 | 00h:00m:00s:-030ms |
| 223 | 3 | 0 | 00h:00m:00s:-010ms |
| 222 | 2 | 0 | 00h:00m:00s:-013ms |
| 221 | 3 | 0 | 00h:00m:00s:-026ms |
| 220 | 1 | 0 | 00h:00m:00s:-013ms |
| 219 | 2 | 0 | 00h:00m:00s:-016ms |
| 218 | 1 | 0 | 00h:00m:00s:-013ms |
| 217 | 1 | 0 | 00h:00m:00s:-016ms |
| 216 | 0 | 0 | 00h:00m:00s:-010ms |
| 215 | 3 | 0 | 00h:00m:00s:-010ms |
| 214 | 3 | 0 | 00h:00m:00s:-016ms |
| 213 | 1 | 0 | 00h:00m:00s:-016ms |
| 212 | 1 | 0 | 00h:00m:00s:-023ms |

| 211 | 2 | 0 | 00h:00m:00s:-013ms |
|---|---|---|---|
| 210 | 0 | 0 | 00h:00m:00s:-013ms |
| 209 | 0 | 0 | 00h:00m:00s:-010ms |
| 208 | 3 | 1 | 00h:00m:00s:-040ms |
| 207 | 1 | 0 | 00h:00m:00s:-013ms |
| 206 | 2 | 0 | 00h:00m:00s:-013ms |
| 205 | 2 | 0 | 00h:00m:00s:-010ms |
| 204 | 1 | 0 | 00h:00m:00s:-016ms |
| 203 | 1 | 0 | 00h:00m:00s:-026ms |
| 202 | 0 | 0 | 00h:00m:00s:-013ms |
| 201 | 2 | 2 | 00h:00m:00s:-043ms |
| 200 | 0 | 0 | 00h:00m:00s:-013ms |
| 199 | 1 | 0 | 00h:00m:00s:-013ms |
| 198 | 1 | 0 | 00h:00m:00s:-013ms |
| 197 | 1 | 0 | 00h:00m:00s:-013ms |
| 196 | 1 | 0 | 00h:00m:00s:-013ms |
| 195 | 0 | 0 | 00h:00m:00s:-016ms |
| 194 | 2 | 0 | 00h:00m:00s:-020ms |
| 193 | 1 | 0 | 00h:00m:00s:-016ms |
| 192 | 0 | 0 | 00h:00m:00s:-013ms |
| 191 | 3 | 0 | 00h:00m:00s:-013ms |
| 190 | 1 | 0 | 00h:00m:00s:-013ms |
| 189 | 0 | 0 | 00h:00m:00s:-013ms |
| 188 | 1 | 0 | 00h:00m:00s:-010ms |
| 187 | 1 | 0 | 00h:00m:00s:-010ms |
| 186 | 2 | 0 | 00h:00m:00s:-016ms |
| 185 | 0 | 0 | 00h:00m:00s:-023ms |
| 184 | 2 | 0 | 00h:00m:00s:-016ms |
| 183 | 5 | 1 | 00h:00m:00s:-026ms |
| 182 | 0 | 0 | 00h:00m:00s:-016ms |

| | | | |
|---|---|---|---|
| 181 | 0 | 0 | 00h:00m:00s:-013ms |
| 180 | 1 | 0 | 00h:00m:00s:-016ms |
| 179 | 1 | 0 | 00h:00m:00s:-016ms |
| 178 | 0 | 0 | 00h:00m:00s:-013ms |
| 177 | 0 | 0 | 00h:00m:00s:-020ms |
| 176 | 9 | 5 | 00h:00m:00s:-050ms |
| 175 | 0 | 0 | 00h:00m:00s:-046ms |

## Assembly Time Metrics

| | |
|---|---|
| Overlapping Time: | 00h:02m:40s:000ms |
| Reads Alignment Time: | 00h:00m:23s:000ms |
| Total Hybrid Assembly Time: | 00h:03m:03s:000ms |

## Overlapping Metrics

| Overlapping Length | Hit Index Count | Overlapping Matched Count | Overlapping Time |
|---|---|---|---|
| 250 | 0 | 0 | 00h:00m:00s:-020ms |
| 249 | 2 | 0 | 00h:00m:00s:-010ms |
| 248 | 5 | 0 | 00h:00m:00s:-013ms |
| 247 | 3 | 0 | 00h:00m:00s:-013ms |
| 246 | 3 | 0 | 00h:00m:00s:-013ms |
| 245 | 0 | 0 | 00h:00m:00s:-020ms |
| 244 | 15 | 4 | 00h:00m:00s:-050ms |
| 243 | 2 | 0 | 00h:00m:00s:-020ms |
| 242 | 1 | 0 | 00h:00m:00s:-013ms |
| 241 | 3 | 0 | 00h:00m:00s:-020ms |
| 240 | 5 | 0 | 00h:00m:00s:-033ms |
| 239 | 3 | 0 | 00h:00m:00s:-016ms |
| 238 | 2 | 0 | 00h:00m:00s:-016ms |

| 237 | 6 | 0 | 00h:00m:00s:-043ms |
|-----|-----|-----|--------------------|
| 236 | 4 | 0 | 00h:00m:00s:-013ms |
| 235 | 0 | 0 | 00h:00m:00s:-020ms |
| 234 | 2 | 0 | 00h:00m:00s:-043ms |
| 233 | 15 | 2 | 00h:00m:00s:-040ms |
| 232 | 2 | 0 | 00h:00m:00s:-013ms |
| 231 | 2 | 0 | 00h:00m:00s:-013ms |
| 230 | 3 | 0 | 00h:00m:00s:-040ms |
| 229 | 2 | 0 | 00h:00m:00s:-016ms |
| 228 | 2 | 0 | 00h:00m:00s:-033ms |
| 227 | 0 | 0 | 00h:00m:00s:-016ms |
| 226 | 32 | 16 | 00h:00m:00s:-046ms |
| 225 | 0 | 0 | 00h:00m:00s:-013ms |
| 224 | 0 | 0 | 00h:00m:00s:-030ms |
| 223 | 3 | 0 | 00h:00m:00s:-010ms |
| 222 | 2 | 0 | 00h:00m:00s:-013ms |
| 221 | 3 | 0 | 00h:00m:00s:-026ms |
| 220 | 1 | 0 | 00h:00m:00s:-013ms |
| 219 | 2 | 0 | 00h:00m:00s:-016ms |
| 218 | 1 | 0 | 00h:00m:00s:-013ms |
| 217 | 1 | 0 | 00h:00m:00s:-016ms |
| 216 | 0 | 0 | 00h:00m:00s:-010ms |
| 215 | 3 | 0 | 00h:00m:00s:-010ms |
| 214 | 3 | 0 | 00h:00m:00s:-016ms |
| 213 | 1 | 0 | 00h:00m:00s:-016ms |
| 212 | 1 | 0 | 00h:00m:00s:-023ms |
| 211 | 2 | 0 | 00h:00m:00s:-013ms |
| 210 | 0 | 0 | 00h:00m:00s:-013ms |
| 209 | 0 | 0 | 00h:00m:00s:-010ms |
| 208 | 3 | 1 | 00h:00m:00s:-040ms |

| 207 | 1 | 0 | 00h:00m:00s:-013ms |
|---|---|---|---|
| 206 | 2 | 0 | 00h:00m:00s:-013ms |
| 205 | 2 | 0 | 00h:00m:00s:-010ms |
| 204 | 1 | 0 | 00h:00m:00s:-016ms |
| 203 | 1 | 0 | 00h:00m:00s:-026ms |
| 202 | 0 | 0 | 00h:00m:00s:-013ms |
| 201 | 2 | 2 | 00h:00m:00s:-043ms |
| 200 | 0 | 0 | 00h:00m:00s:-013ms |
| 199 | 1 | 0 | 00h:00m:00s:-013ms |
| 198 | 1 | 0 | 00h:00m:00s:-013ms |
| 197 | 1 | 0 | 00h:00m:00s:-013ms |
| 196 | 1 | 0 | 00h:00m:00s:-013ms |
| 195 | 0 | 0 | 00h:00m:00s:-016ms |
| 194 | 2 | 0 | 00h:00m:00s:-020ms |
| 193 | 1 | 0 | 00h:00m:00s:-016ms |
| 192 | 0 | 0 | 00h:00m:00s:-013ms |
| 191 | 3 | 0 | 00h:00m:00s:-013ms |
| 190 | 1 | 0 | 00h:00m:00s:-013ms |
| 189 | 0 | 0 | 00h:00m:00s:-013ms |
| 188 | 1 | 0 | 00h:00m:00s:-010ms |
| 187 | 1 | 0 | 00h:00m:00s:-010ms |
| 186 | 2 | 0 | 00h:00m:00s:-016ms |
| 185 | 0 | 0 | 00h:00m:00s:-023ms |
| 184 | 2 | 0 | 00h:00m:00s:-016ms |
| 183 | 5 | 1 | 00h:00m:00s:-026ms |
| 182 | 0 | 0 | 00h:00m:00s:-016ms |
| 181 | 0 | 0 | 00h:00m:00s:-013ms |
| 180 | 1 | 0 | 00h:00m:00s:-016ms |
| 179 | 1 | 0 | 00h:00m:00s:-016ms |
| 178 | 0 | 0 | 00h:00m:00s:-013ms |

| | | | |
|---|---|---|---|
| 177 | 0 | 0 | 00h:00m:00s:-020ms |
| 176 | 9 | 5 | 00h:00m:00s:-050ms |
| 175 | 0 | 0 | 00h:00m:00s:-046ms |

## Assembly Time Metrics

| | |
|---|---|
| Overlapping Time: | 00h:02m:40s:000ms |
| Reads Alignment Time: | 00h:00m:23s:000ms |
| Total Hybrid Assembly Time: | 00h:03m:03s:000ms |