CLC bio

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# 1. Summary mapping report

## 1.1 Summary statistics

| | Count | Average length | Total bases |
|---|---|---|---|
| Reads | 167,281,082 | 97.94 | 16,384,061,821 |
| Matched | 137,598,424 | 98.2 | 13,511,755,617 |
| Not matched | 29,682,658 | 96.77 | 2,872,306,204 |
| Contigs | 174,178 | 1,653 | 288,085,806 |
| Reads in pairs | 27,496,752 | 326.53 | |
| Broken paired reads | 110,101,672 | 98.24 | |

## 1.2 General algorithm parameters

| Parameter | Value |
|---|---|
| Conflict resolution | Unknown nucleotide (N) |
| Non specific matches | ignore |

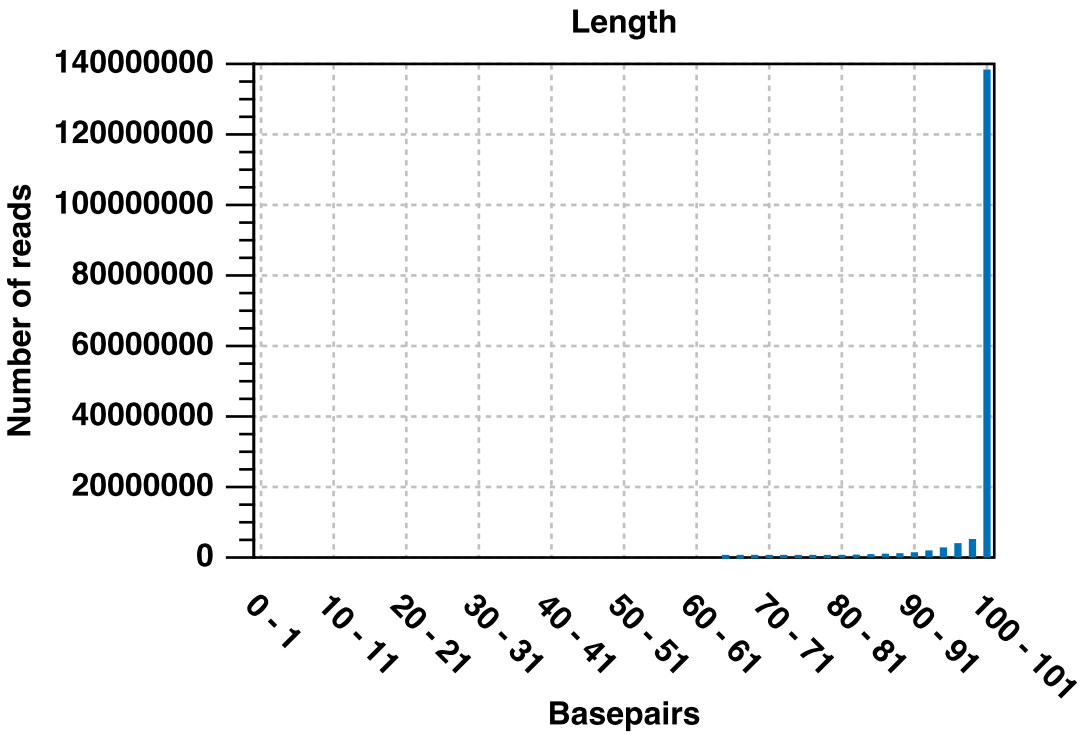
## 1.3 Reads parameters

| Reads | Length | Type | Parameters |
|---|---|---|---|
| Prep7_1-3_1_sequence (paired) | Long | Paired | Similarity=0.9 |

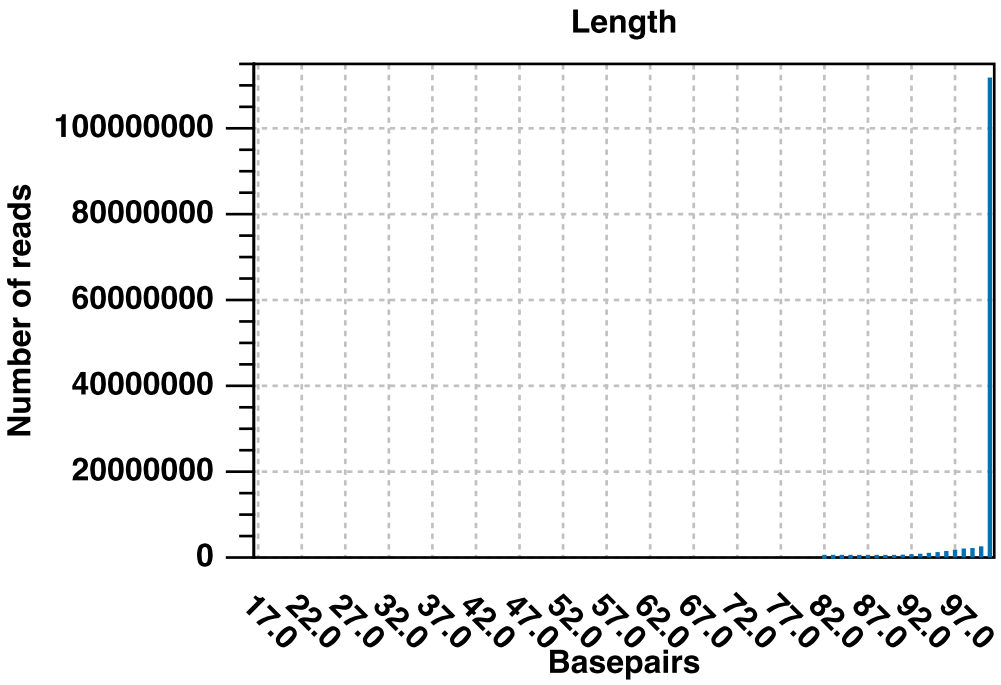
## 1.4 Quality measurement

| Length | |
|---|---|
| N75 | 1,151 |
| N50 | 2,299 |
| N25 | 4,488 |

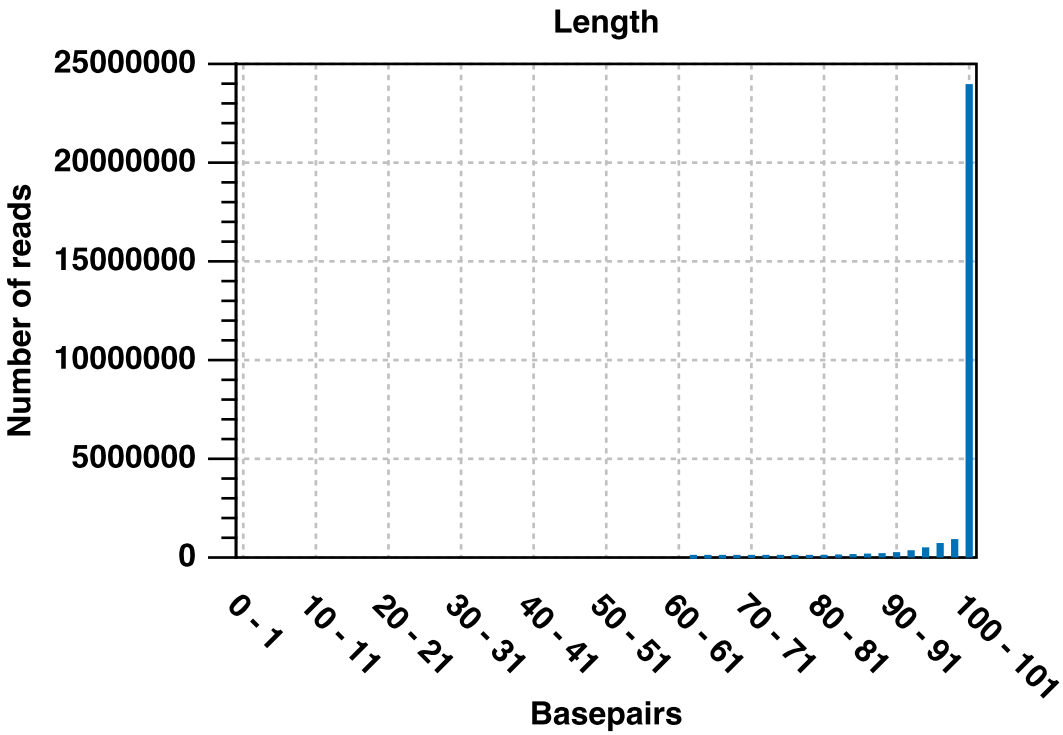
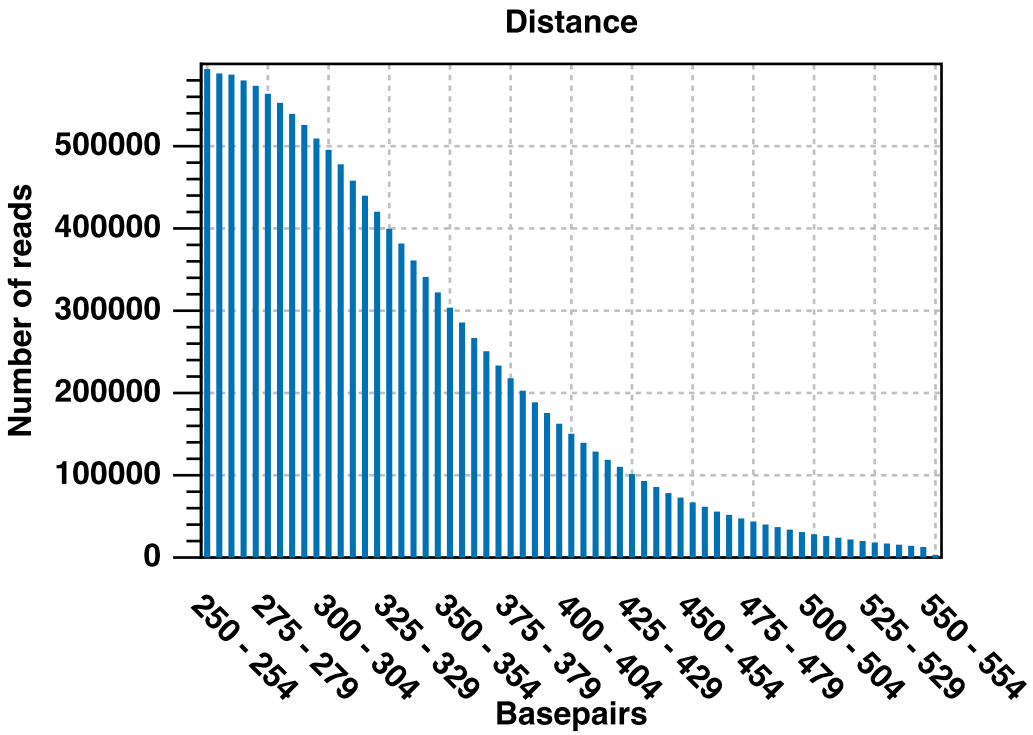
## 1.5 Distribution of read length



## 1.6 Distribution of matched read length



## 1.7 Distribution of non-matched read length



## 1.8 Paired reads distance distribution