



Table of contents

1. Summary mapping report 3

 1.1 Summary statistics 3

 1.2 General algorithm parameters 3

 1.3 Reads parameters 3

 1.4 Quality measurement 3

 1.5 Distribution of read length 3

 1.6 Distribution of matched read length 4

 1.7 Distribution of non-matched read length 4

1. Summary mapping report

1.1 Summary statistics

	Count	Average length	Total bases
Reads	154,362,788	35.86	5,535,889,611
Matched	4,460,150	35.64	158,974,617
Not matched	149,902,638	35.87	5,376,914,994
Contigs	2,320	265	616,106

1.2 General algorithm parameters

Parameter	Value
Conflict resolution	Vote (A, C, G, T)
Non specific matches	random

1.3 Reads parameters

Reads	Length	Type	Parameters
filtered_1000ppm_ACTTGA_L002_R1 trimmed unmapped reads	Short	Single	Default

1.4 Quality measurement

N75	220
N50	252
N25	315

1.5 Distribution of read length

Length	Count	Percentage	Cummulative Percentage
25	133,474	0.1%	0.1%
26	163,973	0.1%	0.2%
27	149,333	0.1%	0.3%

Length	Count	Percentage	Cummulative Percentage
28	183,947	0.1%	0.4%
29	214,523	0.1%	0.5%
30	262,462	0.2%	0.7%
31	438,532	0.3%	1.0%
32	583,059	0.4%	1.4%
33	759,628	0.5%	1.9%
34	2,209,897	1.4%	3.3%
35	947,233	0.6%	3.9%
36	148,316,727	96.1%	100.0%

1.6 Distribution of matched read length

Length	Count	Percentage	Cummulative Percentage
25	25,218	0.6%	0.6%
26	29,110	0.7%	1.2%
27	25,197	0.6%	1.8%
28	22,237	0.5%	2.3%
29	19,096	0.4%	2.7%
30	18,395	0.4%	3.1%
31	19,905	0.4%	3.6%
32	21,248	0.5%	4.0%
33	18,152	0.4%	4.5%
34	55,951	1.3%	5.7%
35	22,699	0.5%	6.2%
36	4,182,942	93.8%	100.0%

1.7 Distribution of non-matched read length

Length	Count	Percentage	Cummulative Percentage
25	108,256	0.1%	0.1%
26	134,863	0.1%	0.2%
27	124,136	0.1%	0.2%
28	161,710	0.1%	0.4%
29	195,427	0.1%	0.5%
30	244,067	0.2%	0.6%
31	418,627	0.3%	0.9%

Length	Count	Percentage	Cummulative Percentage
32	561,811	0.4%	1.3%
33	741,476	0.5%	1.8%
34	2,153,946	1.4%	3.2%
35	924,534	0.6%	3.8%
36	144,133,785	96.2%	100.0%