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1. Summary mapping report

1.1 Summary statistics

	Count	Average length	Total bases
Reads	243,416,187	35.87	8,731,856,575
Matched	77,222,783	35.89	2,771,381,848
Not matched	166,193,404	35.86	5,960,474,727
References	137,060	381	52,279,801

1.2 General algorithm parameters

Parameter	Value
Conflict resolution	Vote (A, C, G, T)
Non specific matches	ignore
Masking of references	none

1.3 Reads parameters

Reads	Length	Type	Parameters
filtered_1000ppm_ACTTGA_L002_R1 trimmed	Short	Single	Default
filtered_400ppm_CAGATC_L001_R1 trimmed	Short	Single	Default

1.4 Distribution of read length

Length	Count	Percentage	Cummulative Percentage
25	180,758	0.1%	0.1%
26	241,771	0.1%	0.2%
27	219,608	0.1%	0.3%
28	268,180	0.1%	0.4%
29	301,340	0.1%	0.5%
30	380,960	0.2%	0.7%
31	635,457	0.3%	0.9%
32	871,366	0.4%	1.3%

Length	Count	Percentage	Cummulative Percentage
33	1,111,639	0.5%	1.7%
34	3,399,215	1.4%	3.1%
35	1,406,961	0.6%	3.7%
36	234,398,932	96.3%	100.0%

1.5 Distribution of matched read length

Length	Count	Percentage	Cummulative Percentage
25	40,108	0.1%	0.1%
26	69,439	0.1%	0.1%
27	62,651	0.1%	0.2%
28	73,944	0.1%	0.3%
29	76,187	0.1%	0.4%
30	102,478	0.1%	0.6%
31	169,847	0.2%	0.8%
32	248,251	0.3%	1.1%
33	295,727	0.4%	1.5%
34	1,035,438	1.3%	2.8%
35	398,878	0.5%	3.3%
36	74,649,835	96.7%	100.0%

1.6 Distribution of non-matched read length

Length	Count	Percentage	Cummulative Percentage
25	140,650	0.1%	0.1%
26	172,332	0.1%	0.2%
27	156,957	0.1%	0.3%
28	194,236	0.1%	0.4%
29	225,153	0.1%	0.5%
30	278,482	0.2%	0.7%
31	465,610	0.3%	1.0%
32	623,115	0.4%	1.4%
33	815,912	0.5%	1.8%
34	2,363,777	1.4%	3.3%
35	1,008,083	0.6%	3.9%
36	159,749,097	96.1%	100.0%