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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	70,086,930	35.9	2,516,460,175
Not matched	173,329,257	35.86	6,215,396,400
References	27,414	561	15,388,068

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_400ppm_CAGATC_ L001_R1 trimmed	Short	Single	Default
filtered_1000ppm_ACTTGA_ _L002_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	24,862	0.0%	0.0%
26	51,204	0.1%	0.1%
27	44,580	0.1%	0.2%
28	50,239	0.1%	0.2%
29	50,790	0.1%	0.3%
30	72,425	0.1%	0.4%
31	129,519	0.2%	0.6%
32	196,037	0.3%	0.9%
33	241,483	0.3%	1.2%
34	900,192	1.3%	2.5%
35	333,995	0.5%	3.0%
36	67,991,604	97.0%	100.0%

1.6 Distribution of non-matched read length

Length	Count	Percentage	Cummulative Percentage
25	155,896	0.1%	0.1%
26	190,567	0.1%	0.2%
27	175,028	0.1%	0.3%
28	217,941	0.1%	0.4%
29	250,550	0.1%	0.6%
30	308,535	0.2%	0.7%
31	505,938	0.3%	1.0%
32	675,329	0.4%	1.4%
33	870,156	0.5%	1.9%
34	2,499,023	1.4%	3.4%
35	1,072,966	0.6%	4.0%
36	166,407,328	96.0%	100.0%