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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	48,832,724	35.86	1,750,926,592
Not matched	194,583,463	35.88	6,980,929,983
References	76,517	351	26,912,091

1.2 General algorithm parameters

Parameter	Value
Conflict resolution	Vote (A, C, G, T)
Non specific matches	random
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	52,928	0.1%	0.1%
26	81,161	0.2%	0.3%
27	69,418	0.1%	0.4%
28	72,486	0.1%	0.6%
29	68,828	0.1%	0.7%
30	85,565	0.2%	0.9%
31	125,352	0.3%	1.1%
32	171,853	0.4%	1.5%
33	199,884	0.4%	1.9%
34	645,978	1.3%	3.2%
35	252,038	0.5%	3.7%
36	47,007,233	96.3%	100.0%

1.6 Distribution of non-matched read length

Length	Count	Percentage	Cummulative Percentage
25	127,830	0.1%	0.1%
26	160,610	0.1%	0.1%
27	150,190	0.1%	0.2%
28	195,694	0.1%	0.3%
29	232,512	0.1%	0.4%
30	295,395	0.2%	0.6%
31	510,105	0.3%	0.9%
32	699,513	0.4%	1.2%
33	911,755	0.5%	1.7%
34	2,753,237	1.4%	3.1%
35	1,154,923	0.6%	3.7%
36	187,391,699	96.3%	100.0%