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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	89,053,399	35.89	3,195,966,964
Not matched	154,362,788	35.86	5,535,889,611
References	135,219	381	51,524,224

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	47,284	0.1%	0.1%
26	77,798	0.1%	0.1%
27	70,275	0.1%	0.2%
28	84,233	0.1%	0.3%
29	86,817	0.1%	0.4%
30	118,498	0.1%	0.5%
31	196,925	0.2%	0.8%
32	288,307	0.3%	1.1%
33	352,011	0.4%	1.5%
34	1,189,318	1.3%	2.8%
35	459,728	0.5%	3.3%
36	86,082,205	96.7%	100.0%

1.6 Distribution of non-matched 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%
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%