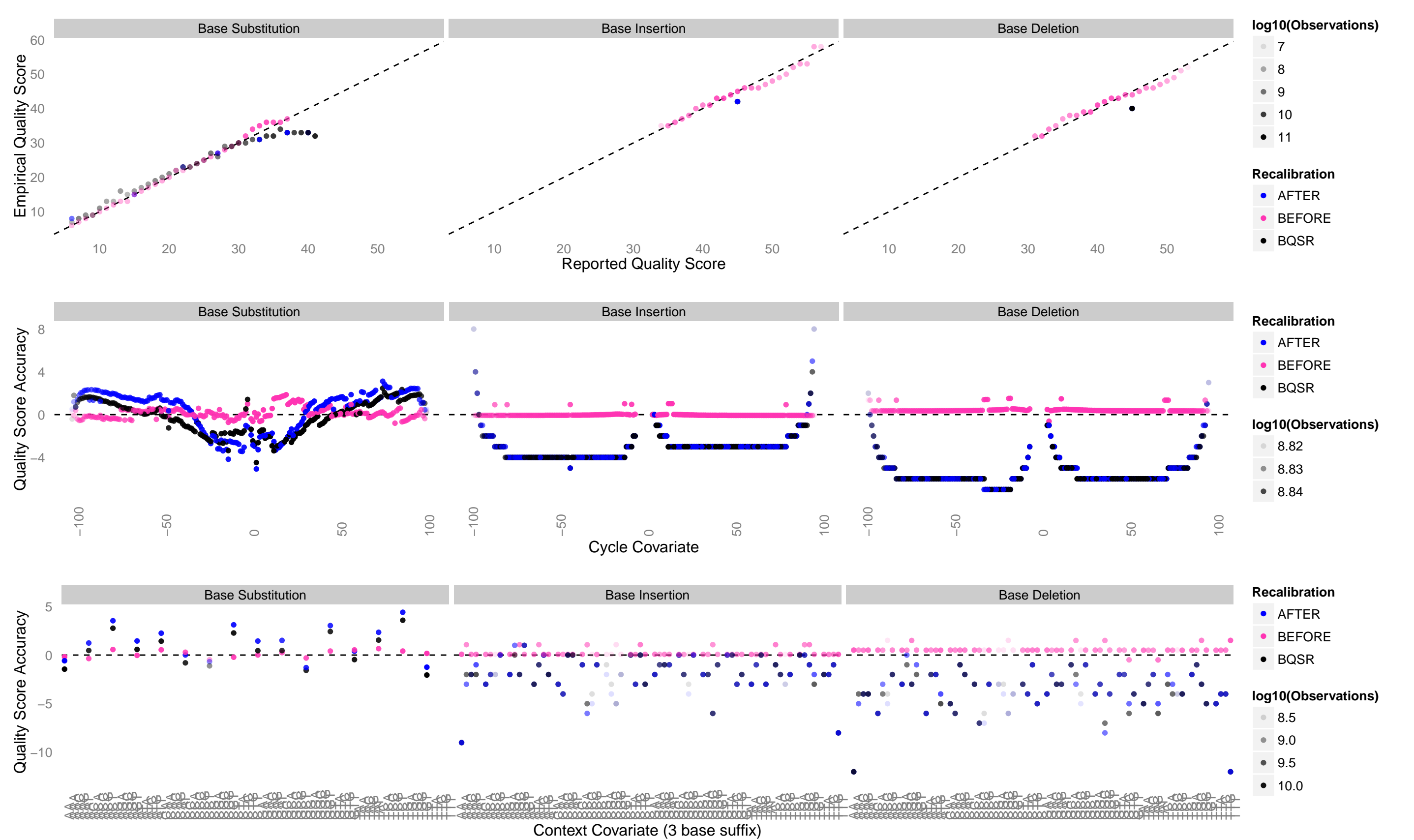
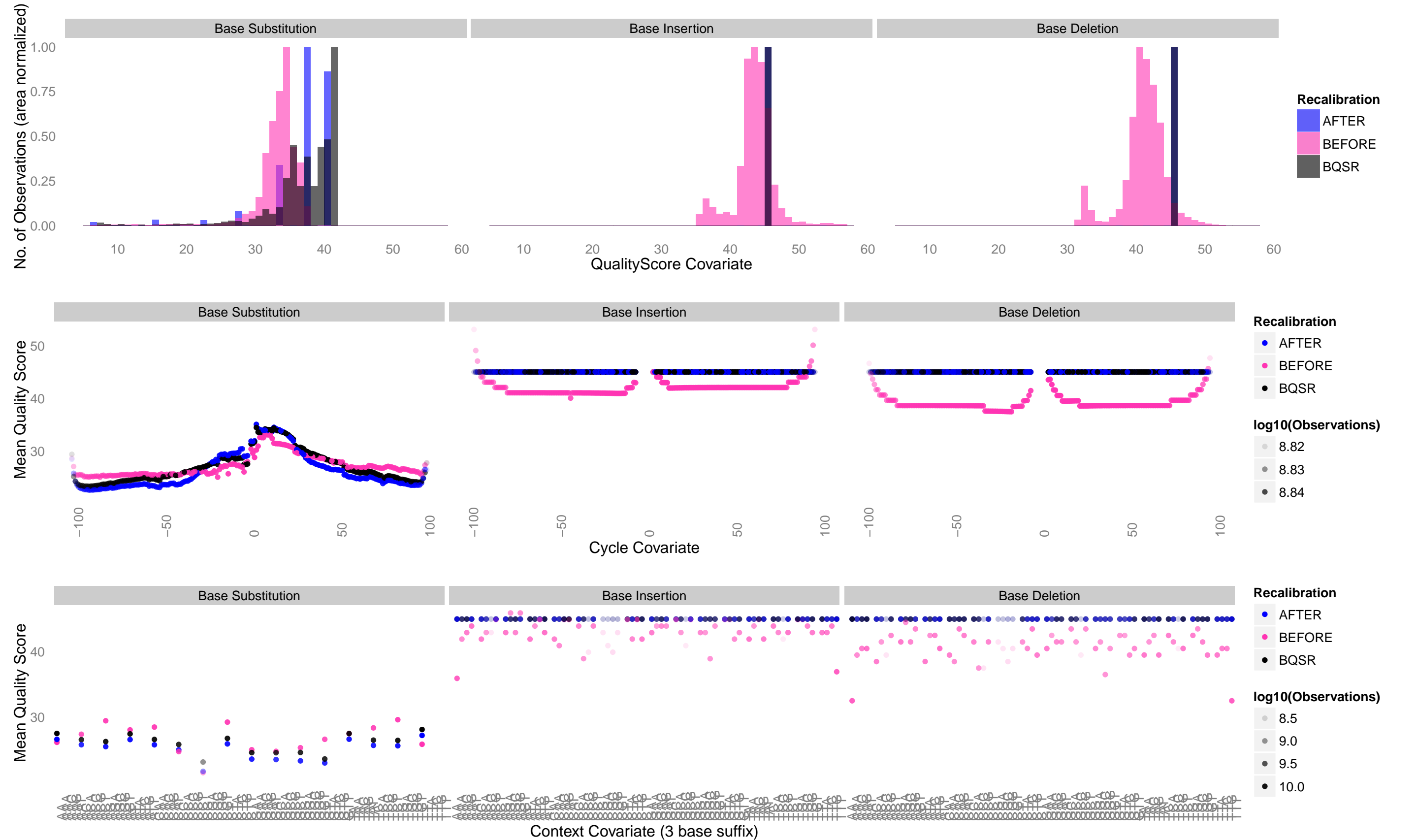


Argument	Value
binary_tag_name	None
covariate	ReadGroup,QualityScore,Context,Cycle
default_platform	Illumina
deletions_default_quality	45
force_platform	None
indels_context_size	3
insertions_default_quality	45
low_quality_tail	2
maximum_cycle_value	500
mismatches_context_size	2
mismatches_default_quality	-1
no_standard_covs	false
quantizing_levels	16
run_without_dbsnp	false
solid_nocall_strategy	THROW_EXCEPTION
solid_recal_mode	SET_Q_ZERO





Overall error rates by event type

ReadGroup	NA12878	NA12878	NA12878
EventType	M	I	D
EmpiricalQuality	26.0	42.0	40.0
EstimatedQReported	26.2	45.0	45.0
Observations	1.42e+11	1.42e+11	1.42e+11
Errors	3.21e+08	8.80e+06	1.51e+07

Error rates by event type and initial quality score

ReadGroup	QualityScore	EventType	EmpiricalQuality	Observations	Errors
NA12878	6	M	7	58999952	13211091.5
NA12878	7	M	8	583089016	88681845.0
NA12878	8	M	9	345305588	44544060.6
NA12878	9	M	9	170583359	19945245.5
NA12878	10	M	11	310393561	26345598.5
NA12878	11	M	13	136970152	7118154.0
NA12878	12	M	13	75101049	3559569.8
NA12878	13	M	16	199159232	4489612.4
NA12878	14	M	15	59820428	1725120.9
NA12878	15	M	16	176720150	4958922.0
NA12878	16	M	17	140683422	2859715.0
NA12878	17	M	18	209695889	3338356.5
NA12878	18	M	19	400707240	5610585.0
NA12878	19	M	20	277976216	2957966.7
NA12878	20	M	21	384485317	2946913.2
NA12878	21	M	22	162743546	1016275.8
NA12878	22	M	23	292270031	1351122.3
NA12878	23	M	23	435782319	1967832.0
NA12878	24	M	24	545230756	2171221.4
NA12878	25	M	25	785875499	2252090.1
NA12878	26	M	27	1001749117	1932168.3
NA12878	27	M	26	887181724	2123868.7
NA12878	28	M	29	728011397	843587.1
NA12878	29	M	29	1378789825	1764398.5
NA12878	30	M	30	1937127565	1916394.3
NA12878	31	M	30	3188786294	3131947.4
NA12878	32	M	31	2348467216	1710604.7
NA12878	33	M	31	3537810190	3143338.4
NA12878	34	M	32	9260098771	5583850.1
NA12878	35	M	32	15712739738	9145881.5
NA12878	36	M	34	7717147684	3076428.0
NA12878	37	M	33	13469433871	6311525.0
NA12878	38	M	33	7713884565	3894510.2
NA12878	39	M	33	15341062179	7138792.2
NA12878	40	M	33	16781441422	8480709.4
NA12878	41	M	32	34888795853	19937983.2
NA12878	45	I	42	141644120133	8804348.2
NA12878	45	D	40	141644120133	15123555.2