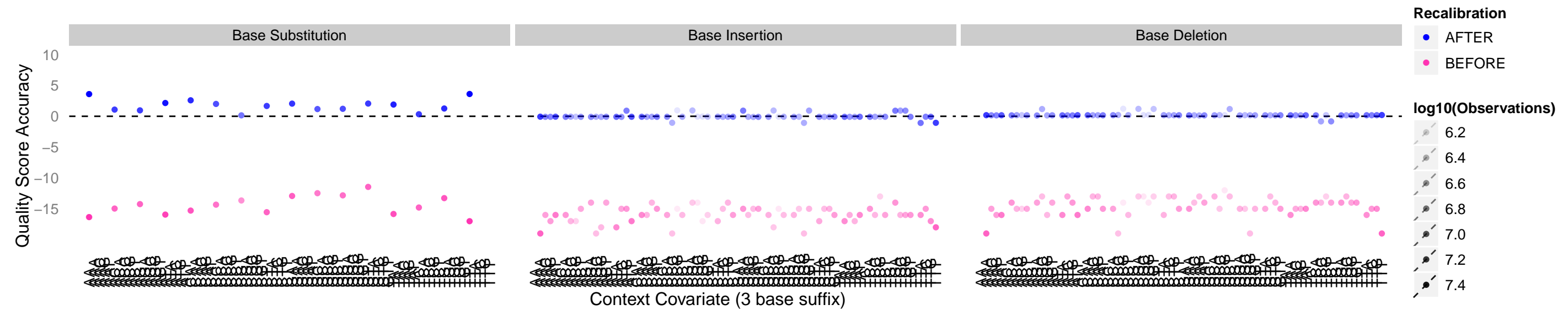
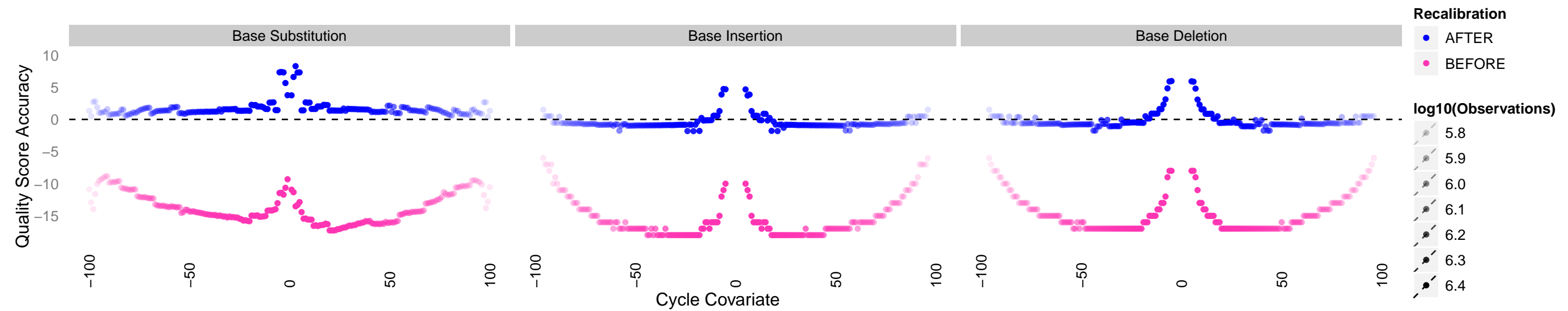
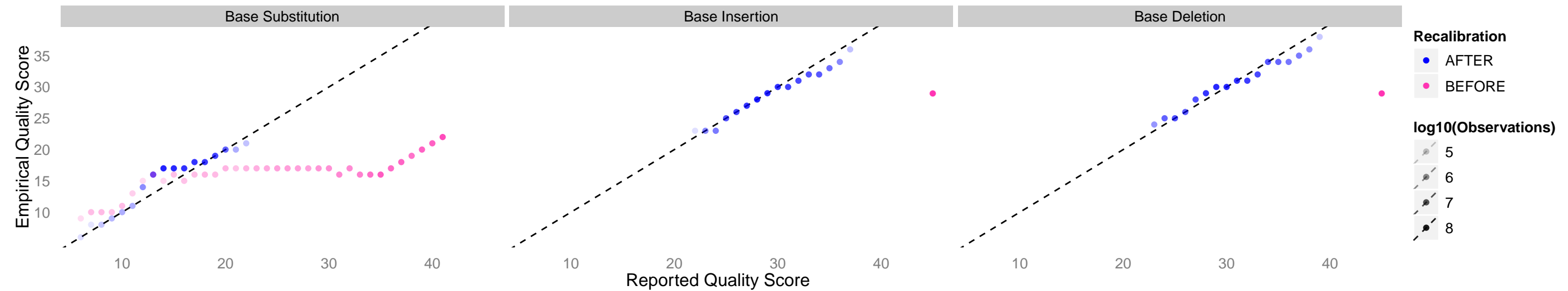
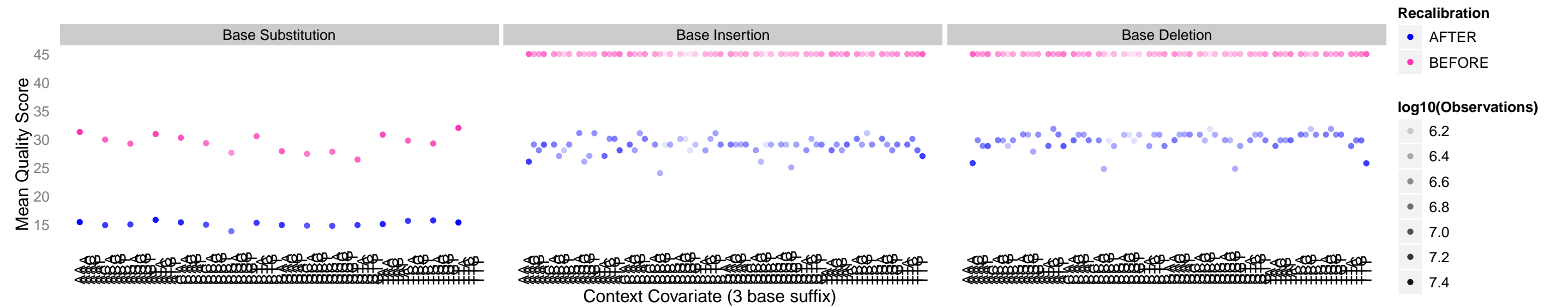
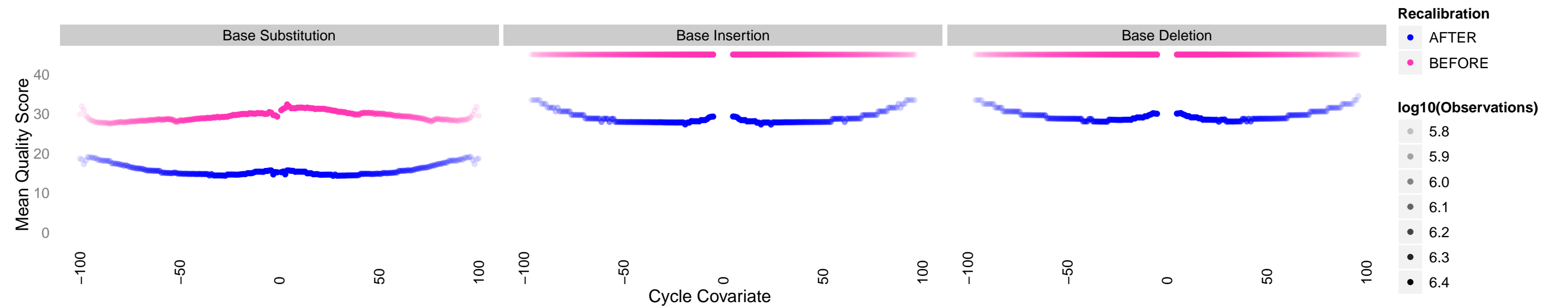
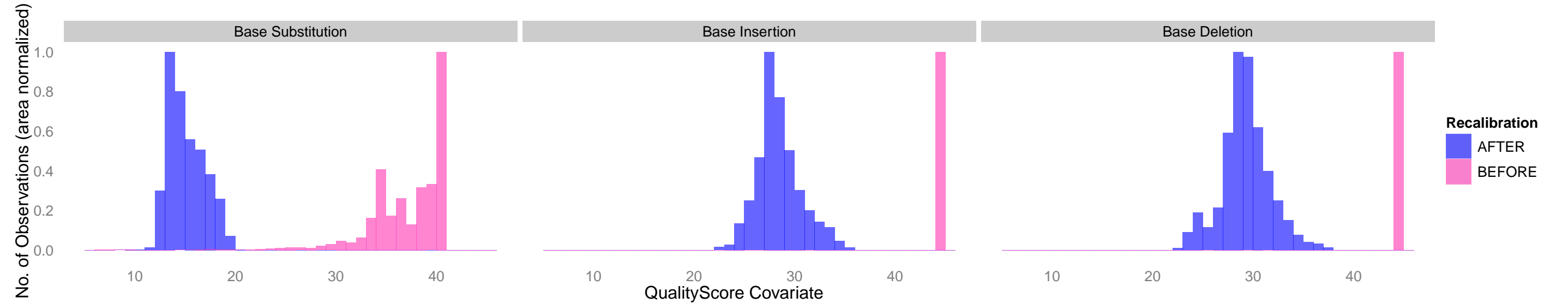


Argument	Value
binary_tag_name	None
covariate	ReadGroup,QualityScore,Context,Cycle
default_platform	None
deletions_default_quality	45
force_platform	None
indels_context_size	3
insertions_default_quality	45
low_quality_tail	2
maximum_cycle_value	500
mismatches_context_size	2
mismatches_default_quality	-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	Atl_DNA34b_interleaved	Atl_DNA34b_interleaved	Atl_DNA34b_interleaved
EventType	M	I	D
EmpiricalQuality	15.0	29.0	29.0
EstimatedQReported	29.7	45.0	45.0
Observations	2.92e+08	2.92e+08	2.92e+08
Errors	8.78e+06	4.13e+05	3.35e+05

Error rates by event type and initial quality score

ReadGroup	QualityScore	EventType	EmpiricalQuality	Observations	Errors
Atl_DNA34b_interleaved	6	M	9	57209	7372.35
Atl_DNA34b_interleaved	7	M	10	277633	24784.40
Atl_DNA34b_interleaved	8	M	10	332171	32511.81
Atl_DNA34b_interleaved	9	M	10	219529	20161.35
Atl_DNA34b_interleaved	10	M	11	269191	23656.08
Atl_DNA34b_interleaved	11	M	13	118681	6510.40
Atl_DNA34b_interleaved	12	M	15	68319	2050.62
Atl_DNA34b_interleaved	13	M	16	169842	4241.40
Atl_DNA34b_interleaved	14	M	15	80202	2512.68
Atl_DNA34b_interleaved	15	M	16	226453	6264.95
Atl_DNA34b_interleaved	16	M	15	223620	7799.00
Atl_DNA34b_interleaved	17	M	16	262345	6699.61
Atl_DNA34b_interleaved	18	M	16	472609	13206.56
Atl_DNA34b_interleaved	19	M	16	338106	9047.35
Atl_DNA34b_interleaved	20	M	17	423947	7799.14
Atl_DNA34b_interleaved	21	M	17	211773	4709.54
Atl_DNA34b_interleaved	22	M	17	401473	8345.35
Atl_DNA34b_interleaved	23	M	17	583676	11948.93
Atl_DNA34b_interleaved	24	M	17	728466	15578.61
Atl_DNA34b_interleaved	25	M	17	1093570	20991.52
Atl_DNA34b_interleaved	26	M	17	1355987	27356.70
Atl_DNA34b_interleaved	27	M	17	1273366	26782.73
Atl_DNA34b_interleaved	28	M	17	1066711	21598.42
Atl_DNA34b_interleaved	29	M	17	2056811	41297.46
Atl_DNA34b_interleaved	30	M	17	2805137	56452.55
Atl_DNA34b_interleaved	31	M	16	4472457	101591.92
Atl_DNA34b_interleaved	32	M	17	3694876	75996.54
Atl_DNA34b_interleaved	33	M	16	6032756	138703.72
Atl_DNA34b_interleaved	34	M	16	15400478	380634.21
Atl_DNA34b_interleaved	35	M	16	38520039	870907.23
Atl_DNA34b_interleaved	36	M	17	16431616	392546.43
Atl_DNA34b_interleaved	37	M	18	24700785	604315.41
Atl_DNA34b_interleaved	38	M	19	12220930	387977.42
Atl_DNA34b_interleaved	39	M	20	29795700	852087.42
Atl_DNA34b_interleaved	40	M	21	31320927	1076198.84
Atl_DNA34b_interleaved	41	M	22	94135613	3492583.12
Atl_DNA34b_interleaved	45	I	29	291843004	413389.90
Atl_DNA34b_interleaved	45	D	29	291843004	335173.13