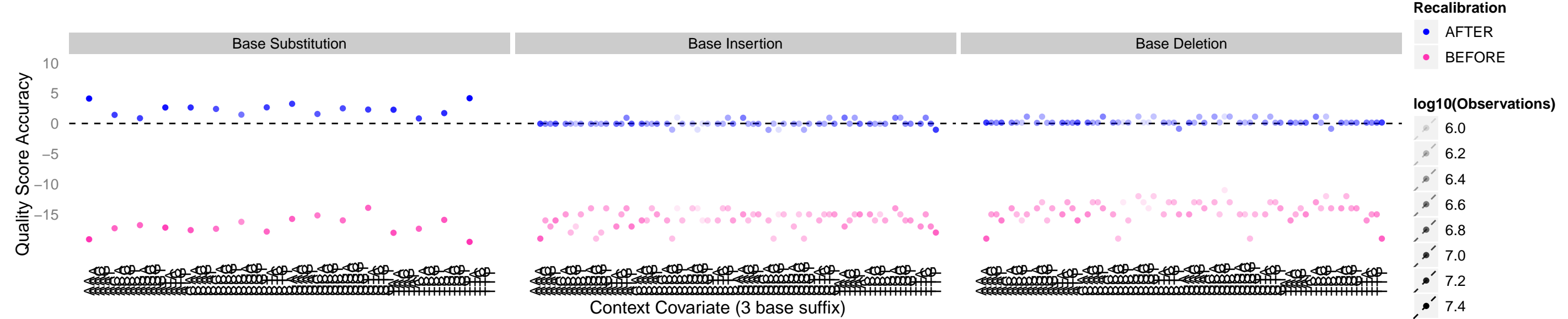
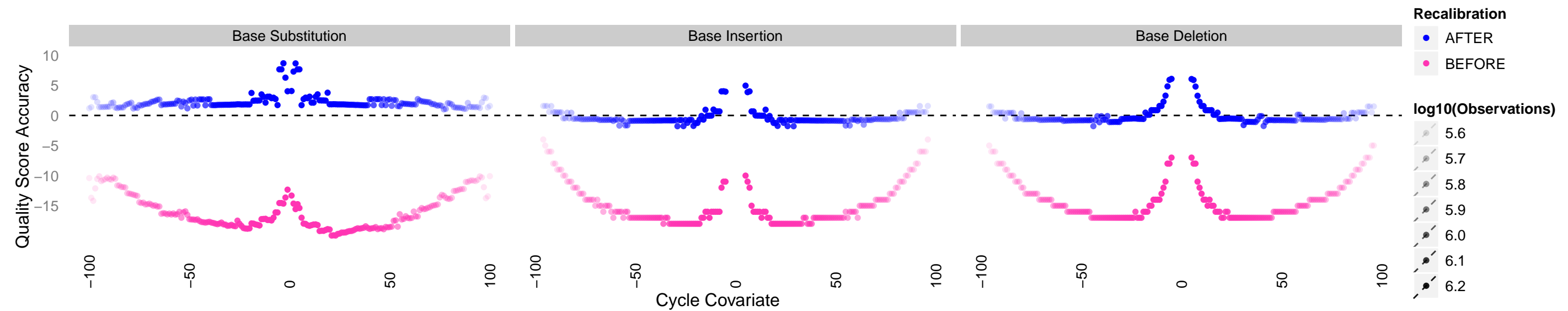
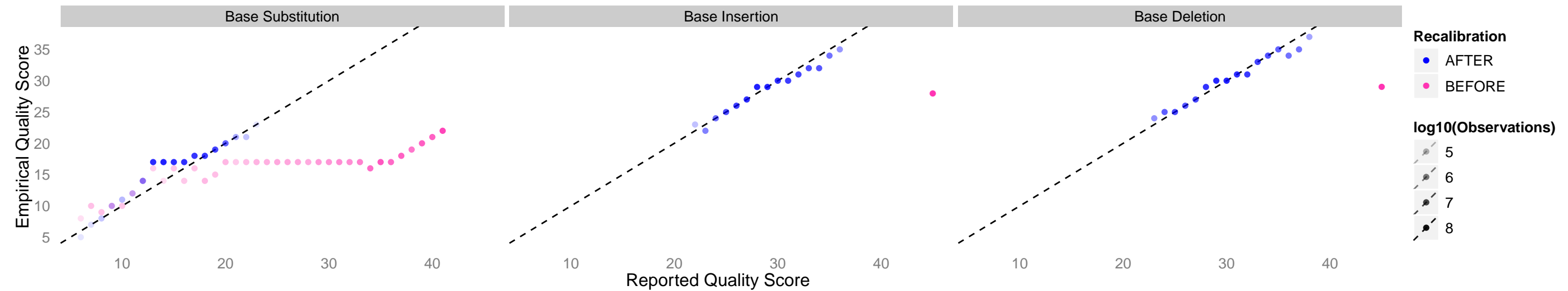
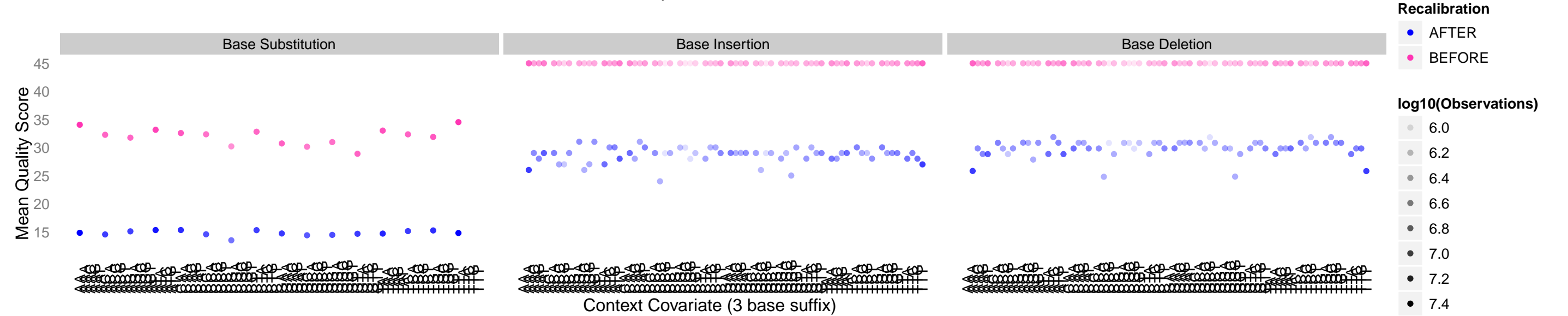
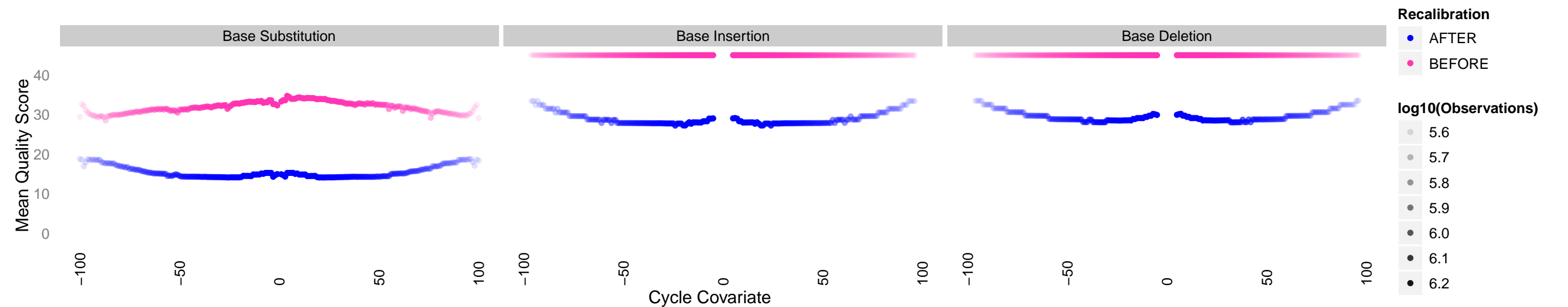
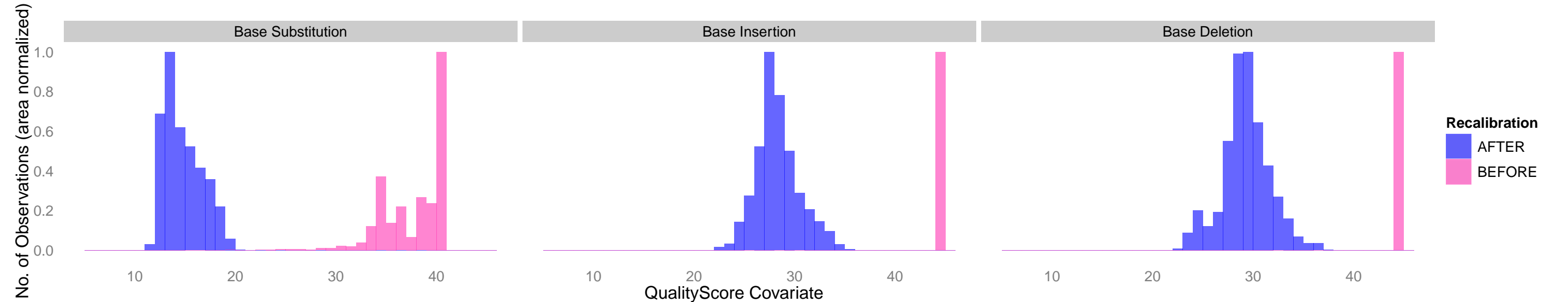


Argument	Value
binary_tag_name	None
covariate	ReadGroup,QualityScore,Context,Cycle
default_platform	None
deletions_default_quality	45
force_platform	None
indels_context_size	3
insertions_default_quality	45
low_quality_tail	2
maximum_cycle_value	500
mismatches_context_size	2
mismatches_default_quality	-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_DNA63c_interleaved	Atl_DNA63c_interleaved	Atl_DNA63c_interleaved
EventType	M	I	D
EmpiricalQuality	15.0	28.0	29.0
EstimatedQReported	32.2	45.0	45.0
Observations	2.08e+08	2.08e+08	2.08e+08
Errors	6.07e+06	2.98e+05	2.36e+05

Error rates by event type and initial quality score

ReadGroup	QualityScore	EventType	EmpiricalQuality	Observations	Errors
Atl_DNA63c_interleaved	6	M	8	20367	3453.01
Atl_DNA63c_interleaved	7	M	10	106896	11886.72
Atl_DNA63c_interleaved	8	M	9	101416	12412.28
Atl_DNA63c_interleaved	9	M	10	60819	6832.68
Atl_DNA63c_interleaved	10	M	10	82483	8351.08
Atl_DNA63c_interleaved	11	M	12	38345	2405.59
Atl_DNA63c_interleaved	12	M	14	26014	1015.24
Atl_DNA63c_interleaved	13	M	16	51973	1411.92
Atl_DNA63c_interleaved	14	M	14	25101	998.30
Atl_DNA63c_interleaved	15	M	16	84684	2321.04
Atl_DNA63c_interleaved	16	M	14	70902	2758.03
Atl_DNA63c_interleaved	17	M	16	91925	2583.27
Atl_DNA63c_interleaved	18	M	14	170585	6157.19
Atl_DNA63c_interleaved	19	M	15	119864	3737.53
Atl_DNA63c_interleaved	20	M	17	179116	3372.53
Atl_DNA63c_interleaved	21	M	17	67728	1576.63
Atl_DNA63c_interleaved	22	M	17	124492	2706.33
Atl_DNA63c_interleaved	23	M	17	217596	4252.20
Atl_DNA63c_interleaved	24	M	17	268279	5564.52
Atl_DNA63c_interleaved	25	M	17	419410	7952.02
Atl_DNA63c_interleaved	26	M	17	453166	9218.62
Atl_DNA63c_interleaved	27	M	17	474281	9455.72
Atl_DNA63c_interleaved	28	M	17	347622	6693.14
Atl_DNA63c_interleaved	29	M	17	854081	16134.35
Atl_DNA63c_interleaved	30	M	17	1059018	20025.87
Atl_DNA63c_interleaved	31	M	17	1829591	37698.18
Atl_DNA63c_interleaved	32	M	17	1595650	30757.56
Atl_DNA63c_interleaved	33	M	17	3282287	72183.43
Atl_DNA63c_interleaved	34	M	16	9917104	247161.06
Atl_DNA63c_interleaved	35	M	17	29990678	637436.41
Atl_DNA63c_interleaved	36	M	17	11135462	245892.44
Atl_DNA63c_interleaved	37	M	18	17774860	412243.14
Atl_DNA63c_interleaved	38	M	19	5420394	165229.22
Atl_DNA63c_interleaved	39	M	20	21536260	590030.88
Atl_DNA63c_interleaved	40	M	21	19173211	633364.60
Atl_DNA63c_interleaved	41	M	22	80760177	2848836.55
Atl_DNA63c_interleaved	45	I	28	207931837	297999.64
Atl_DNA63c_interleaved	45	D	29	207931837	236440.71