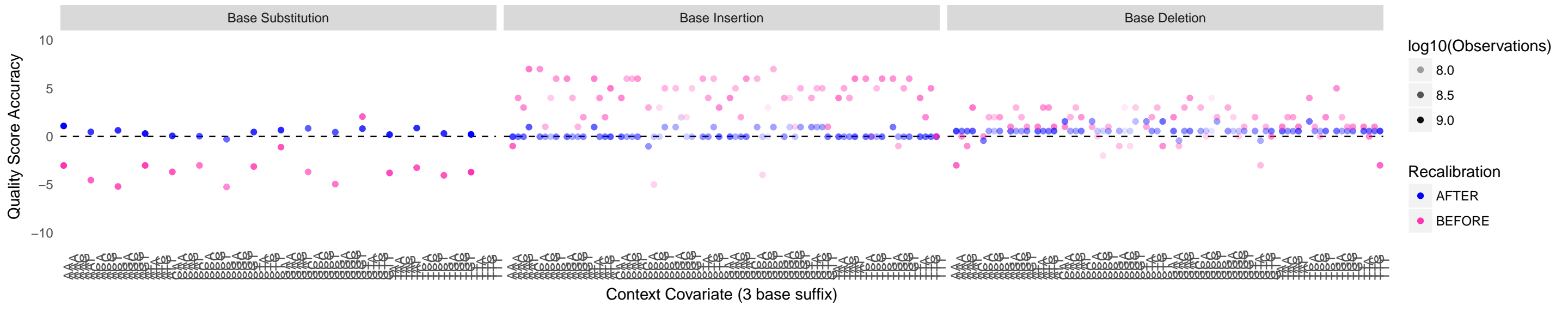
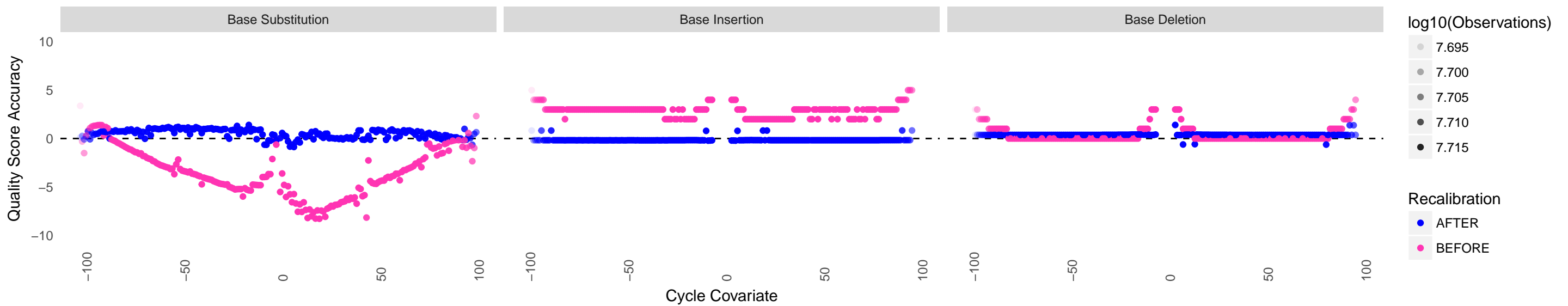
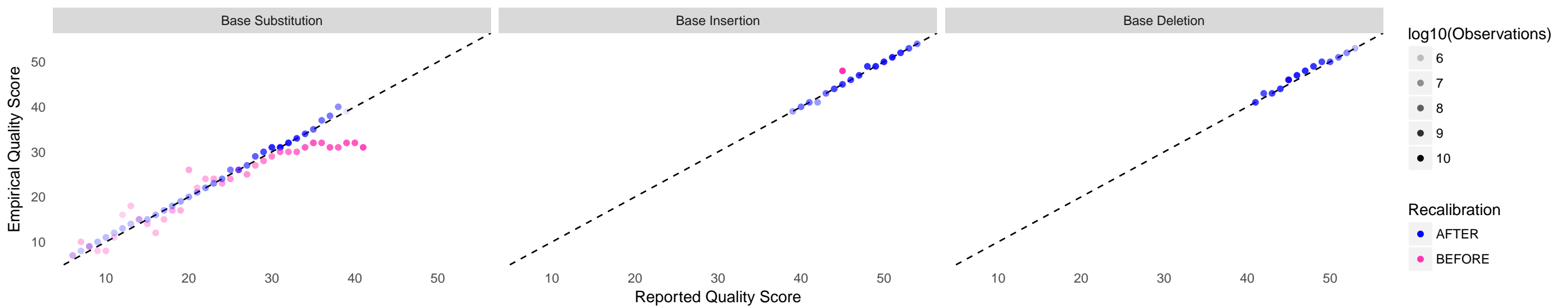
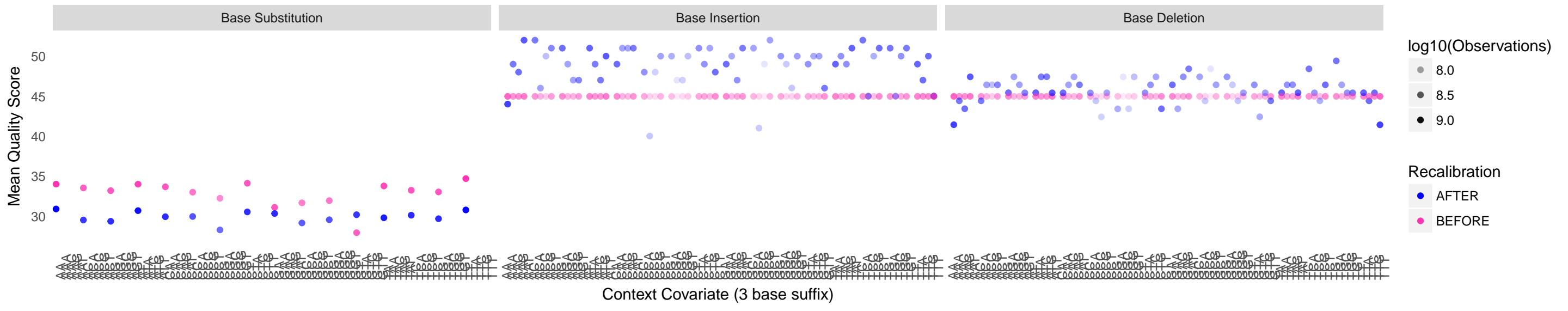
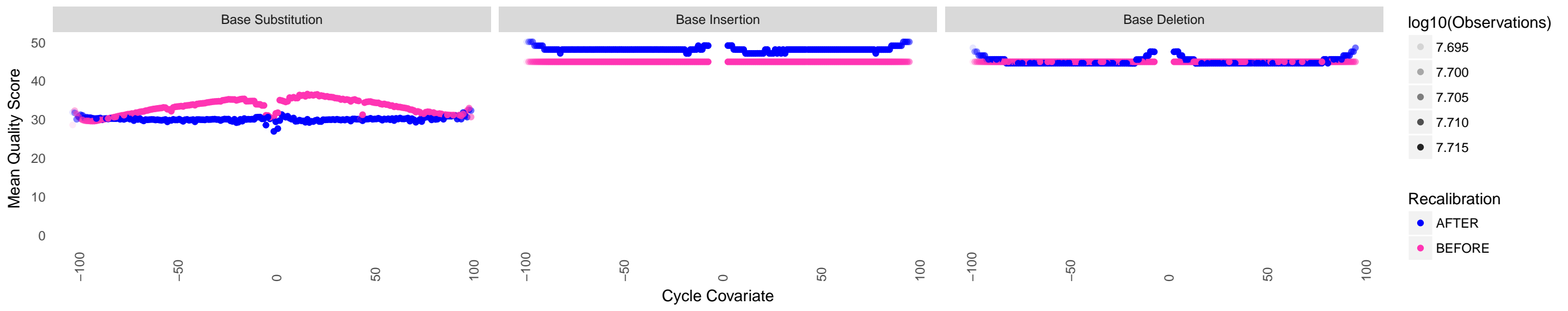
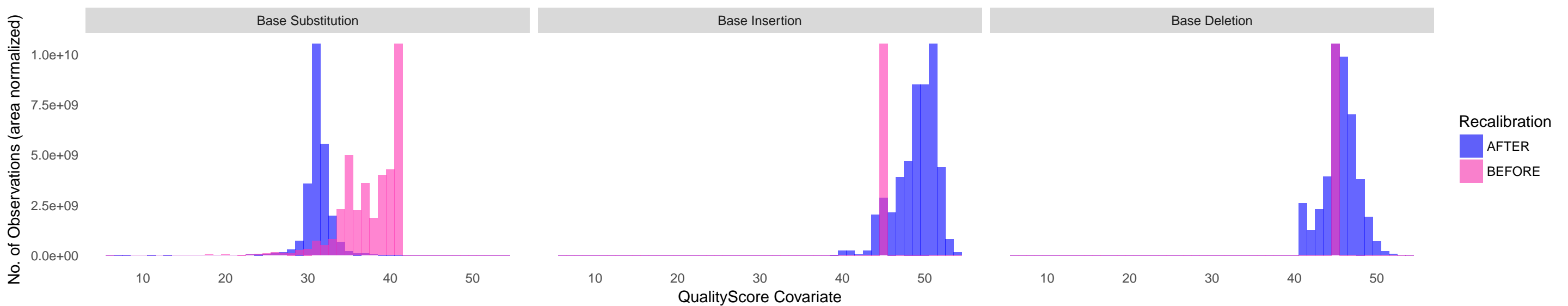


Argument	Value
binary_tag_name	None
covariate	ReadGroup,QualityScore,Context,Cycle
default_platform	None
deletions_default_quality	45
force_platform	None
indels_context_size	3
insertions_default_quality	45
low_quality_tail	2
maximum_cycle_value	500
mismatches_context_size	2
mismatches_default_quality	-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	C5R1KACXX.2.eve1	C5R1KACXX.2.eve1	C5R1KACXX.2.eve1
EventType	M	I	D
EmpiricalQuality	30.0	48.0	46.0
EstimatedQReported	32.8	45.0	45.0
Observations	1.05e+10	1.05e+10	1.05e+10
Errors	1.12e+07	1.57e+05	2.86e+05

Error rates by event type and initial quality score

ReadGroup	QualityScore	EventType	EmpiricalQuality	Observations	Errors
C5R1KACXX.2.eve1	6	M	7	509149	108264.08
C5R1KACXX.2.eve1	7	M	10	3710198	403728.99
C5R1KACXX.2.eve1	8	M	9	3164179	445517.89
C5R1KACXX.2.eve1	9	M	8	1839018	308908.91
C5R1KACXX.2.eve1	10	M	8	2677752	434548.49
C5R1KACXX.2.eve1	11	M	11	1457927	107400.12
C5R1KACXX.2.eve1	12	M	16	922833	23737.77
C5R1KACXX.2.eve1	13	M	18	2226971	39201.25
C5R1KACXX.2.eve1	14	M	15	1043136	30428.92
C5R1KACXX.2.eve1	15	M	14	3167129	116466.05
C5R1KACXX.2.eve1	16	M	12	3392552	192826.52
C5R1KACXX.2.eve1	17	M	15	3886988	113258.56
C5R1KACXX.2.eve1	18	M	17	9636152	192593.77
C5R1KACXX.2.eve1	19	M	17	7272542	138927.59
C5R1KACXX.2.eve1	20	M	26	10614519	28503.95
C5R1KACXX.2.eve1	21	M	22	4445027	26330.98
C5R1KACXX.2.eve1	22	M	24	8327473	36895.88
C5R1KACXX.2.eve1	23	M	24	13103497	49637.34
C5R1KACXX.2.eve1	24	M	23	17440800	81468.52
C5R1KACXX.2.eve1	25	M	24	29103712	107208.70
C5R1KACXX.2.eve1	26	M	26	41516436	110355.80
C5R1KACXX.2.eve1	27	M	25	37338556	127136.65
C5R1KACXX.2.eve1	28	M	27	30899228	57491.93
C5R1KACXX.2.eve1	29	M	28	74295394	114965.03
C5R1KACXX.2.eve1	30	M	29	92864937	121747.30
C5R1KACXX.2.eve1	31	M	30	205239634	222289.31
C5R1KACXX.2.eve1	32	M	30	139718732	150479.99
C5R1KACXX.2.eve1	33	M	30	229021454	206094.85
C5R1KACXX.2.eve1	34	M	31	651461464	511332.97
C5R1KACXX.2.eve1	35	M	32	1412810455	888568.52
C5R1KACXX.2.eve1	36	M	32	635020777	446408.41
C5R1KACXX.2.eve1	37	M	31	1015399363	725656.84
C5R1KACXX.2.eve1	38	M	31	524697792	434989.81
C5R1KACXX.2.eve1	39	M	32	1133247205	801560.59
C5R1KACXX.2.eve1	40	M	32	1212268434	853656.04
C5R1KACXX.2.eve1	41	M	31	2985042763	2401311.08
C5R1KACXX.2.eve1	45	I	48	10548784178	157123.00
C5R1KACXX.2.eve1	45	D	46	10548784178	286037.56