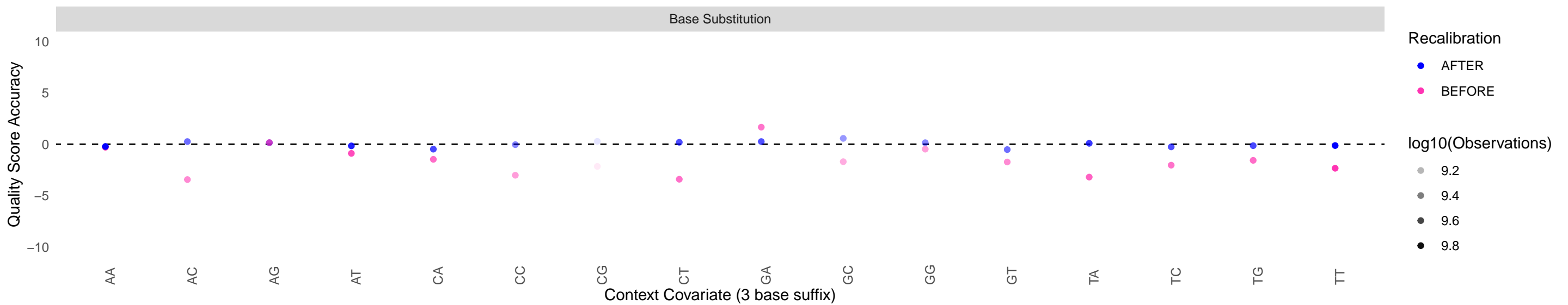
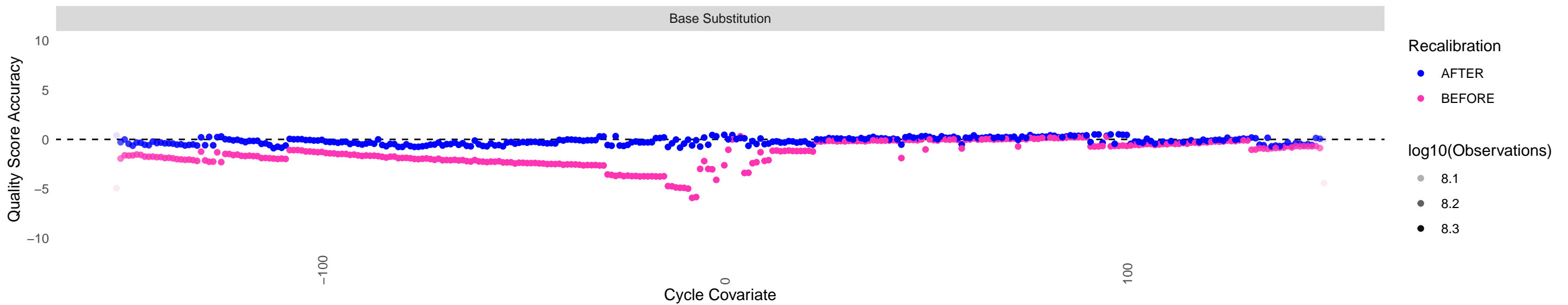
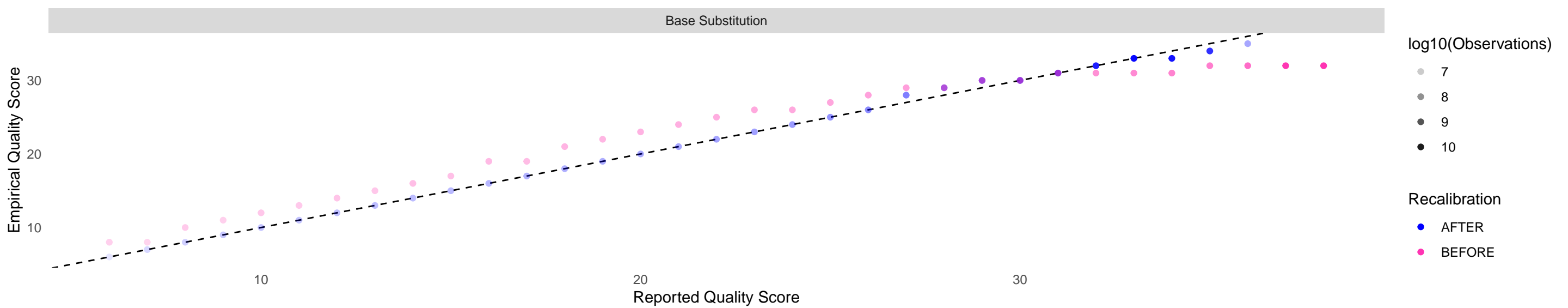
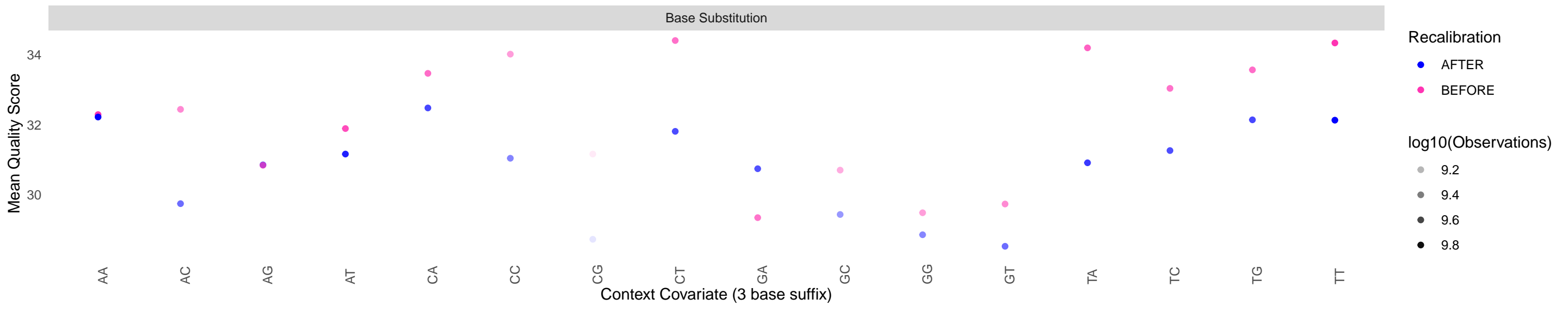
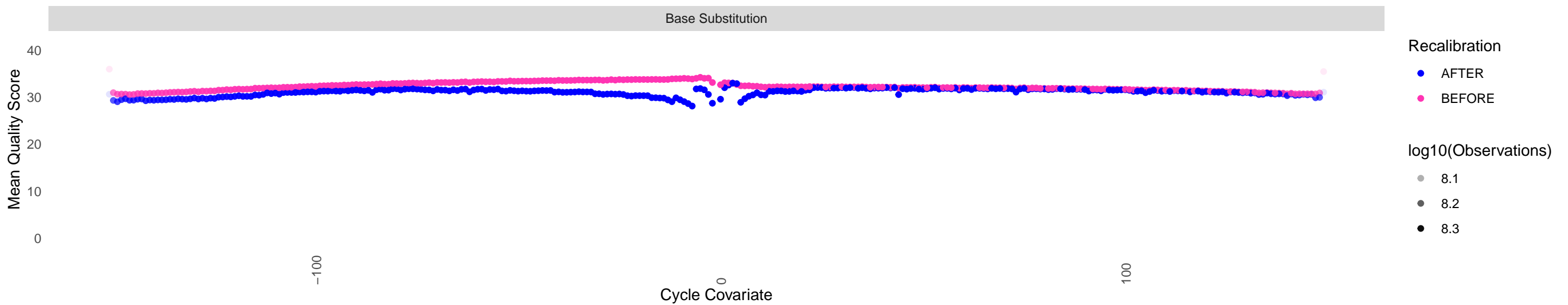
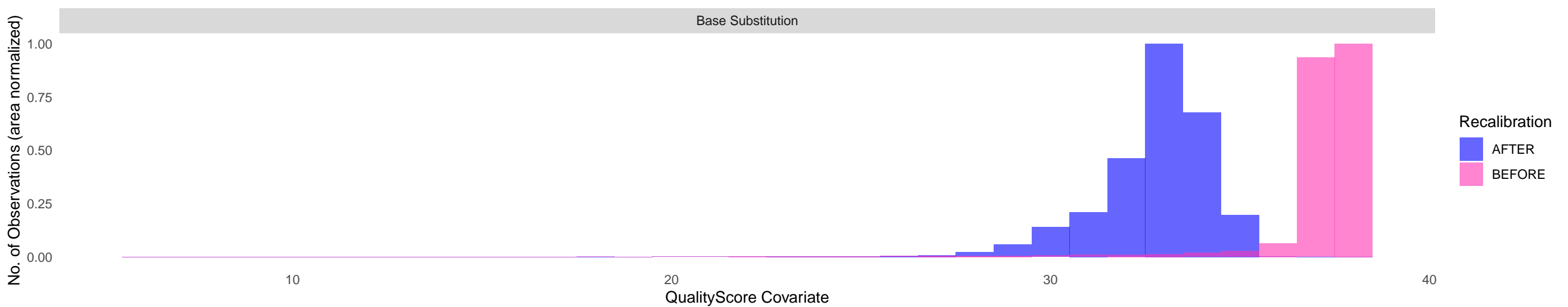


Argument	Value
binary_tag_name	None
covariate	ReadGroup,QualityScore,Context,Cycle
default_platform	None
deletions_default_quality	45
force_platform	None
indels_context_size	3
insertions_default_quality	45
low_quality_tail	2
maximum_cycle_value	500
mismatches_context_size	2
mismatches_default_quality	-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	ARNDAVIIL5.1.AGATACGG+CCGTCCTT
EventType	M
EmpiricalQuality	31.0
EstimatedQReported	32.1
Observations	6.05e+10
Errors	5.13e+07

Error rates by event type and initial quality score

ReadGroup	QualityScore	EventType	EmpiricalQuality	Observations	Errors
ARNDAVIIL5.1.AGATACGG+CCGTCCTT	6	M	8	13941906	2417109
ARNDAVIIL5.1.AGATACGG+CCGTCCTT	7	M	8	10908295	1576036
ARNDAVIIL5.1.AGATACGG+CCGTCCTT	8	M	10	17339490	1913428
ARNDAVIIL5.1.AGATACGG+CCGTCCTT	9	M	11	13646314	1174402
ARNDAVIIL5.1.AGATACGG+CCGTCCTT	10	M	12	20468435	1389195
ARNDAVIIL5.1.AGATACGG+CCGTCCTT	11	M	13	17927475	928658
ARNDAVIIL5.1.AGATACGG+CCGTCCTT	12	M	14	25056776	970826
ARNDAVIIL5.1.AGATACGG+CCGTCCTT	13	M	15	21410528	696457
ARNDAVIIL5.1.AGATACGG+CCGTCCTT	14	M	16	31331185	730676
ARNDAVIIL5.1.AGATACGG+CCGTCCTT	15	M	17	29434877	554176
ARNDAVIIL5.1.AGATACGG+CCGTCCTT	16	M	19	39939762	553356
ARNDAVIIL5.1.AGATACGG+CCGTCCTT	17	M	19	37149365	428788
ARNDAVIIL5.1.AGATACGG+CCGTCCTT	18	M	21	50625381	415987
ARNDAVIIL5.1.AGATACGG+CCGTCCTT	19	M	22	46047770	310097
ARNDAVIIL5.1.AGATACGG+CCGTCCTT	20	M	23	58295750	306884
ARNDAVIIL5.1.AGATACGG+CCGTCCTT	21	M	24	69651083	296621
ARNDAVIIL5.1.AGATACGG+CCGTCCTT	22	M	25	73357667	247523
ARNDAVIIL5.1.AGATACGG+CCGTCCTT	23	M	26	88571606	238018
ARNDAVIIL5.1.AGATACGG+CCGTCCTT	24	M	26	93646893	213101
ARNDAVIIL5.1.AGATACGG+CCGTCCTT	25	M	27	107271755	201341
ARNDAVIIL5.1.AGATACGG+CCGTCCTT	26	M	28	127343973	201713
ARNDAVIIL5.1.AGATACGG+CCGTCCTT	27	M	29	146897583	197772
ARNDAVIIL5.1.AGATACGG+CCGTCCTT	28	M	29	156172040	184593
ARNDAVIIL5.1.AGATACGG+CCGTCCTT	29	M	30	182344184	192146
ARNDAVIIL5.1.AGATACGG+CCGTCCTT	30	M	30	202718618	199271
ARNDAVIIL5.1.AGATACGG+CCGTCCTT	31	M	31	268609418	237770
ARNDAVIIL5.1.AGATACGG+CCGTCCTT	32	M	31	318321790	260562
ARNDAVIIL5.1.AGATACGG+CCGTCCTT	33	M	31	397900019	308197
ARNDAVIIL5.1.AGATACGG+CCGTCCTT	34	M	31	566093692	412140
ARNDAVIIL5.1.AGATACGG+CCGTCCTT	35	M	32	779891191	542107
ARNDAVIIL5.1.AGATACGG+CCGTCCTT	36	M	32	1849137336	1187438
ARNDAVIIL5.1.AGATACGG+CCGTCCTT	37	M	32	26420086589	15720189
ARNDAVIIL5.1.AGATACGG+CCGTCCTT	38	M	32	28268166757	16108067