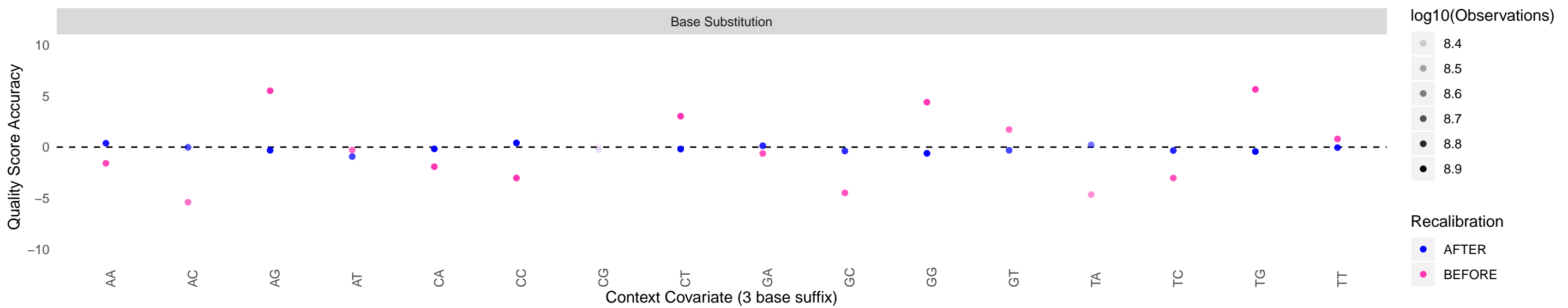
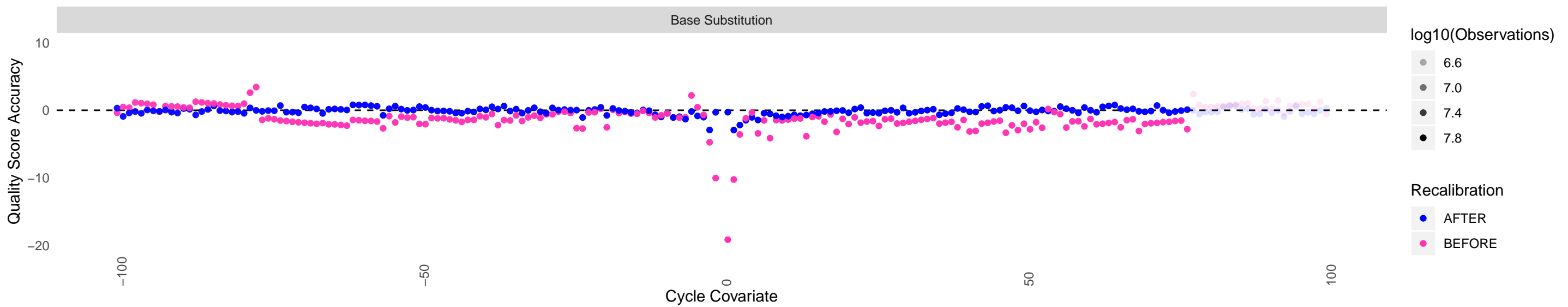
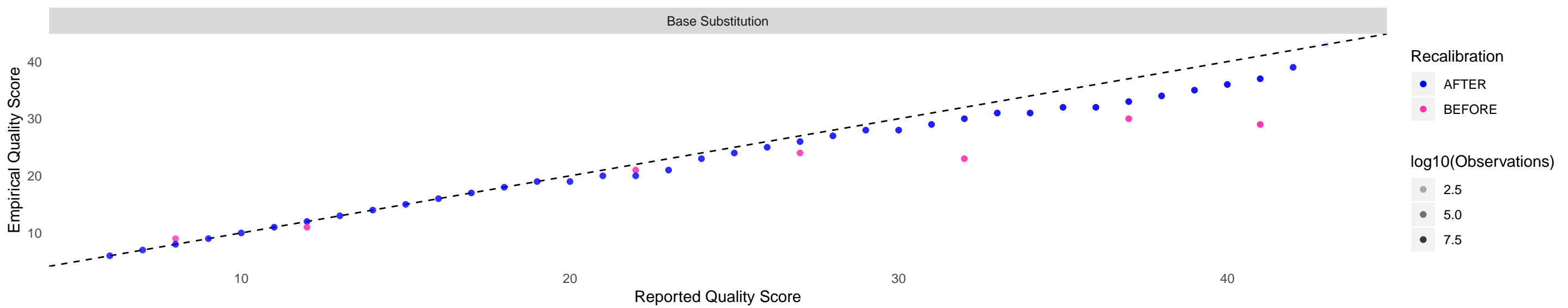
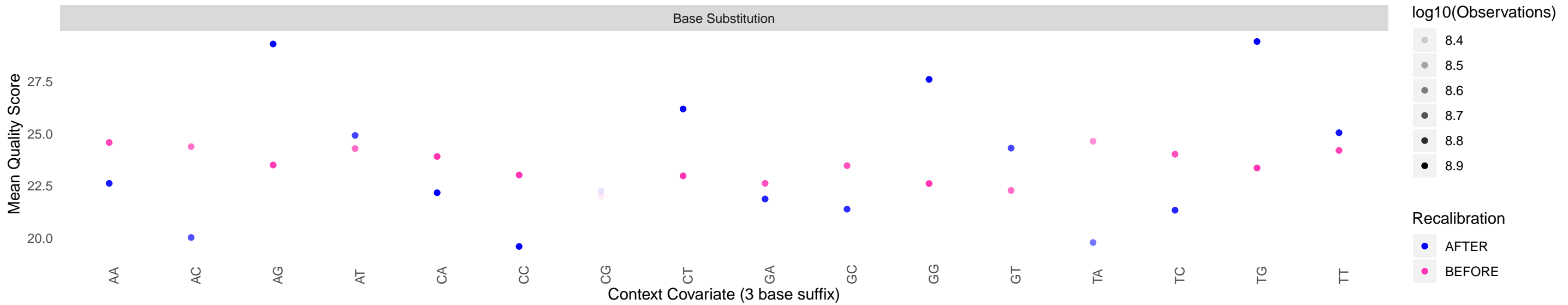
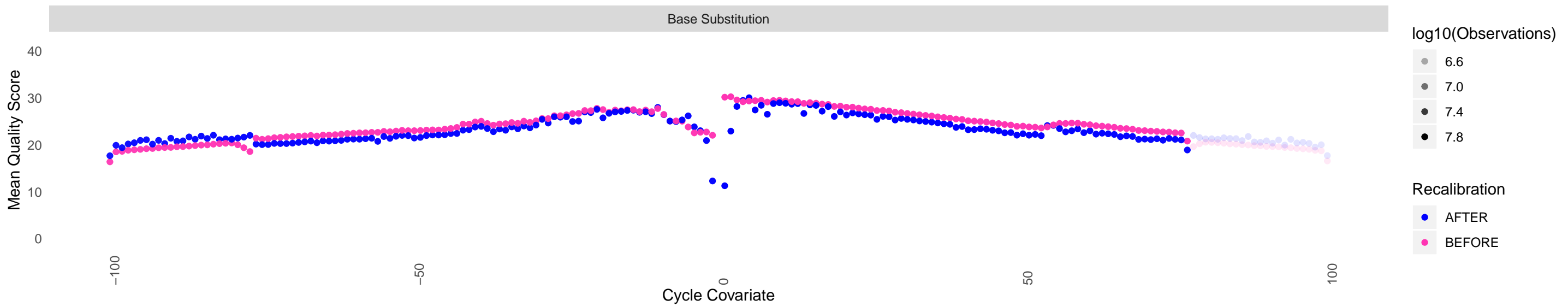
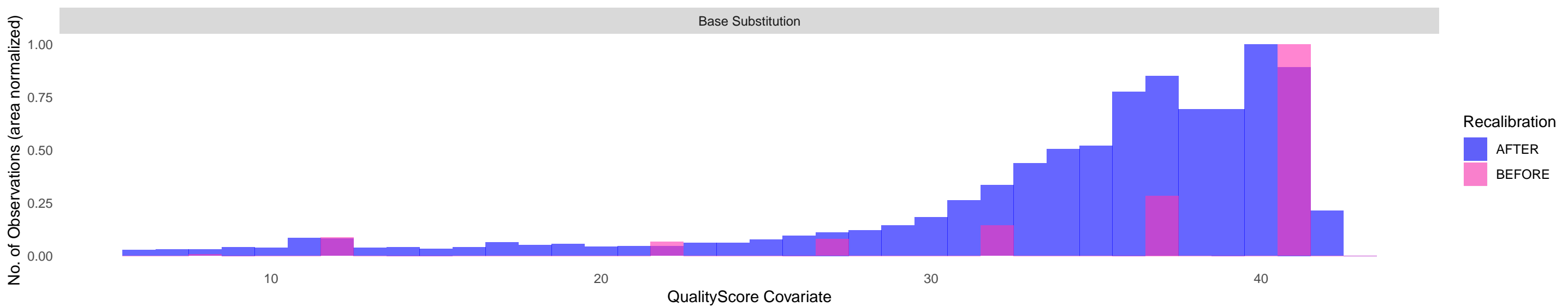


Argument	Value
binary_tag_name	None
covariate	ReadGroup,QualityScore,Context,Cycle
default_platform	None
deletions_default_quality	45
force_platform	None
indels_context_size	3
insertions_default_quality	45
low_quality_tail	2
maximum_cycle_value	500
mismatches_context_size	2
mismatches_default_quality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





ReadGroup	HGKNJBBXX
EventType	M
EmpiricalQuality	22.0
EstimatedQReported	23.5
Observations	1.06e+10
Errors	7.02e+07

Error rates by event type and initial quality score

ReadGroup	QualityScore	EventType	EmpiricalQuality	Observations	Errors
HGKNJBBXX	8	M	9	48148352	5454966
HGKNJBBXX	12	M	11	558254090	45087951
HGKNJBBXX	22	M	21	419486866	3386625
HGKNJBBXX	27	M	24	507488790	1912266
HGKNJBBXX	32	M	23	916213763	4513429
HGKNJBBXX	37	M	30	1813343000	1945540
HGKNJBBXX	41	M	29	6369907429	7855982