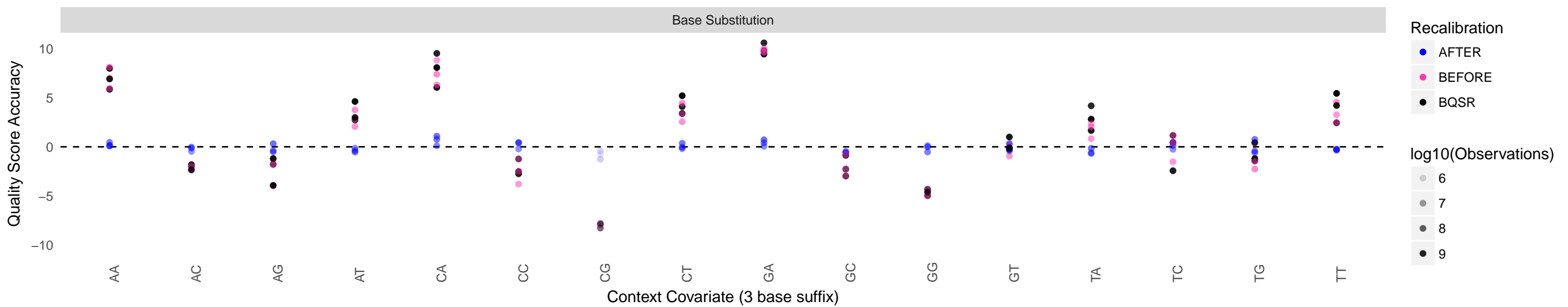
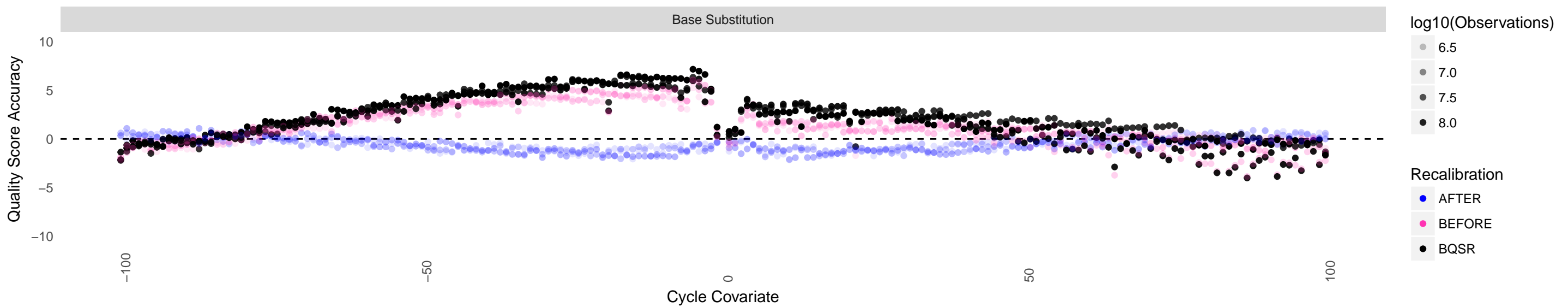
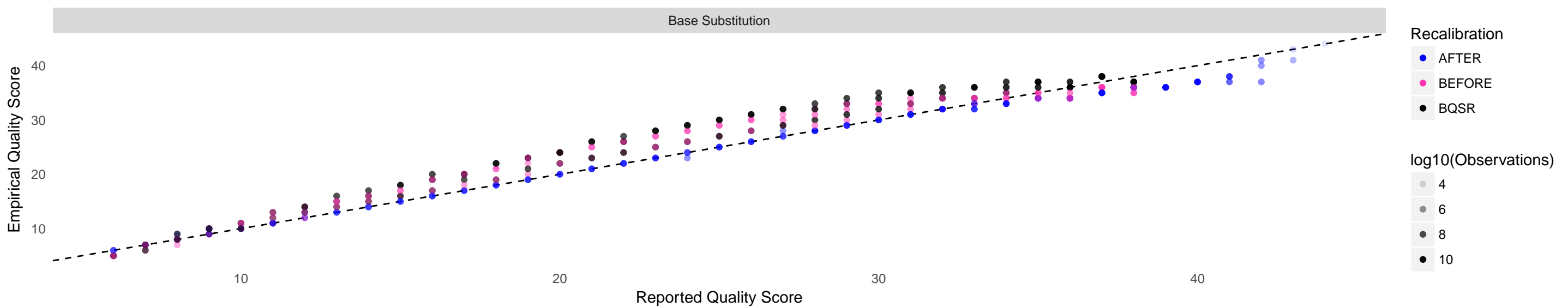
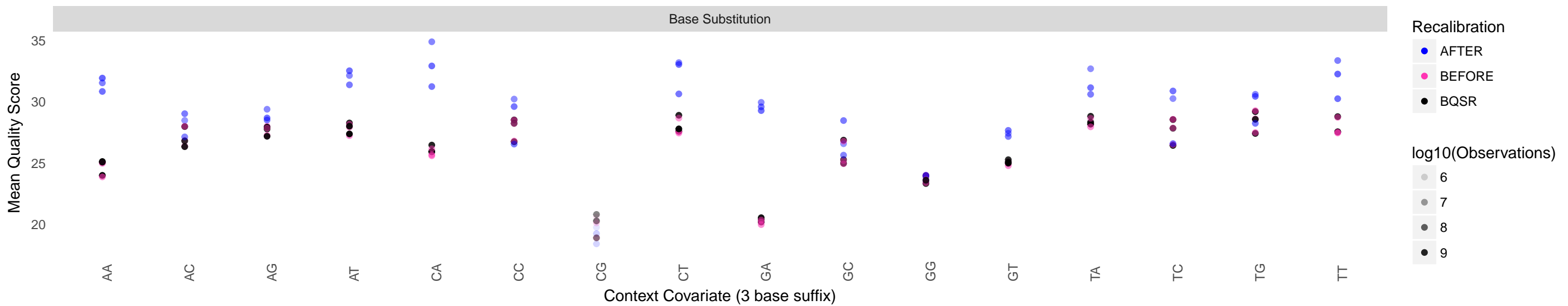
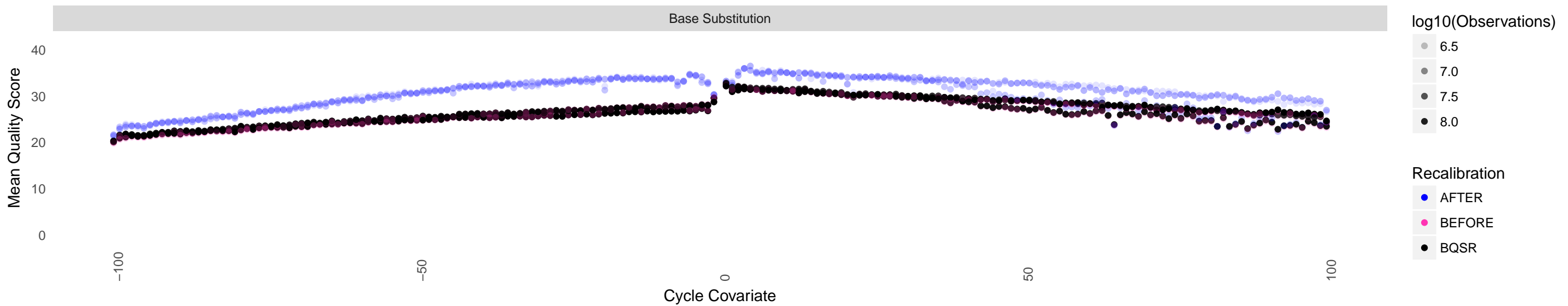
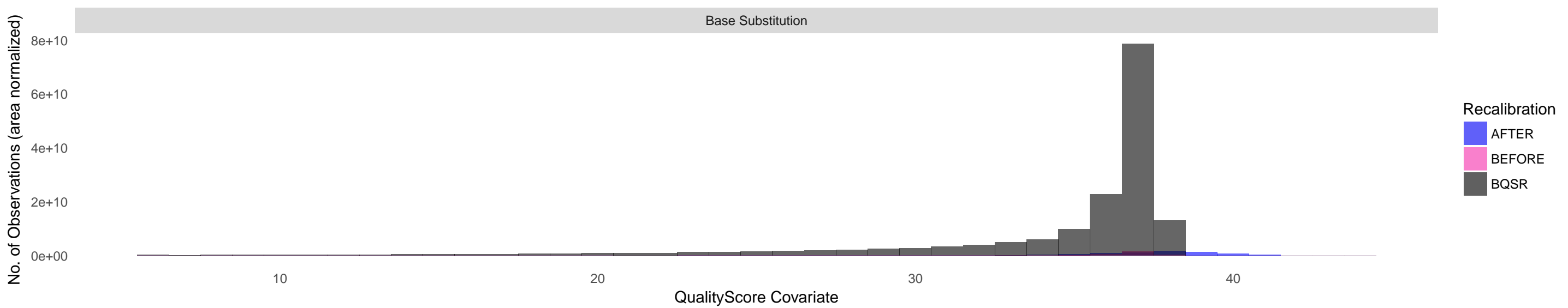


Argument	Value
binary_tag_name	None
covariate	ReadGroup,QualityScore,Context,Cycle
default_platform	None
deletions_default_quality	45
force_platform	None
indels_context_size	3
insertions_default_quality	45
low_quality_tail	2
maximum_cycle_value	500
mismatches_context_size	2
mismatches_default_quality	-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	CL100008589_L02	CL100011513_L01	CL100011513_L01-2A6C248D
EventType	M	M	M
EmpiricalQuality	27.0	27.0	26.0
EstimatedQReported	25.8	26.1	25.6
Observations	3.85e+10	1.41e+10	2.61e+10
Errors	7.29e+07	2.63e+07	6.82e+07

Error rates by event type and initial quality score

ReadGroup	QualityScore	EventType	EmpiricalQuality	Observations	Errors
CL100008589_L02	6	M	5	52675617	14927750
CL100008589_L02	7	M	7	51568516	10342848
CL100008589_L02	8	M	9	54868564	7654111
CL100008589_L02	9	M	10	55418816	5664489
CL100008589_L02	10	M	11	63484169	4546745
CL100008589_L02	11	M	13	77346127	4018726
CL100008589_L02	12	M	14	73465196	2951767
CL100008589_L02	13	M	16	92837350	2576942
CL100008589_L02	14	M	17	103720787	2202050
CL100008589_L02	15	M	18	106588281	1763677
CL100008589_L02	16	M	20	143101141	1565433
CL100008589_L02	17	M	20	127539413	1178646
CL100008589_L02	18	M	22	164914587	1104516
CL100008589_L02	19	M	23	183369936	893199
CL100008589_L02	20	M	24	197112317	744068
CL100008589_L02	21	M	26	242320389	676908
CL100008589_L02	22	M	26	236636489	565665
CL100008589_L02	23	M	28	306409654	510584
CL100008589_L02	24	M	29	314567720	434837
CL100008589_L02	25	M	30	353958067	383810
CL100008589_L02	26	M	31	409263921	350233
CL100008589_L02	27	M	32	429378127	302006
CL100008589_L02	28	M	32	479265953	288665
CL100008589_L02	29	M	33	597257434	283657
CL100008589_L02	30	M	34	636763200	253577
CL100008589_L02	31	M	35	770849542	268307
CL100008589_L02	32	M	35	898578050	274587
CL100008589_L02	33	M	36	1177772154	325394
CL100008589_L02	34	M	36	1372583831	329804
CL100008589_L02	35	M	37	2248450533	495581
CL100008589_L02	36	M	36	5301164011	1264465
CL100008589_L02	37	M	38	18122819985	3184701
CL100008589_L02	38	M	37	3055176328	555919
CL100011513_L01	6	M	5	17970350	5444146
CL100011513_L01	7	M	7	17680975	3826394
CL100011513_L01	8	M	8	18534646	2820871
CL100011513_L01	9	M	10	19144586	2112841
CL100011513_L01	10	M	11	21348039	1665538
CL100011513_L01	11	M	12	25698924	1459694
CL100011513_L01	12	M	14	25475120	1082079
CL100011513_L01	13	M	15	30687356	929379
CL100011513_L01	14	M	16	34364634	785970
CL100011513_L01	15	M	18	37627892	637767
CL100011513_L01	16	M	19	46426653	550291
CL100011513_L01	17	M	20	45782003	420760
CL100011513_L01	18	M	22	55004291	379890
CL100011513_L01	19	M	23	63065423	311917
CL100011513_L01	20	M	24	66281150	257173
CL100011513_L01	21	M	26	82527628	228884
CL100011513_L01	22	M	27	85765836	191649
CL100011513_L01	23	M	28	103871331	167620
CL100011513_L01	24	M	29	113425197	143344
CL100011513_L01	25	M	30	128082803	126888
CL100011513_L01	26	M	31	145121964	110828
CL100011513_L01	27	M	32	156409205	96965
CL100011513_L01	28	M	33	178525713	92852
CL100011513_L01	29	M	34	217071329	90006
CL100011513_L01	30	M	35	231364869	79758
CL100011513_L01	31	M	35	285623788	86355
CL100011513_L01	32	M	36	338155084	89235
CL100011513_L01	33	M	36	423940361	103645
CL100011513_L01	34	M	37	512591486	107433
CL100011513_L01	35	M	37	828945343	160919
CL100011513_L01	36	M	37	1894047142	409747
CL100011513_L01	37	M	38	6685664386	1124929
CL100011513_L01	38	M	37	1146464488	221910
CL100011513_L01-2A6C248D	6	M	5	39705324	13014466
CL100011513_L01-2A6C248D	7	M	6	38231097	9285654
CL100011513_L01-2A6C248D	8	M	8	39438617	7031812
CL100011513_L01-2A6C248D	9	M	9	39899952	5305025
CL100011513_L01-2A6C248D	10	M	10	44229971	4355478
CL100011513_L01-2A6C248D	11	M	11	52615689	3903810
CL100011513_L01-2A6C248D	12	M	13	51469458	2894101
CL100011513_L01-2A6C248D	13	M	14	61980204	2608082
CL100011513_L01-2A6C248D	14	M	15	69087029	2263144
CL100011513_L01-2A6C248D	15	M	16	74547968	1831609
CL100011513_L01-2A6C248D	16	M	17	92729775	1684481
CL100011513_L01-2A6C248D	17	M	19	89957156	1264068
CL100011513_L01-2A6C248D	18	M	19	108745259	1226513
CL100011513_L01-2A6C248D	19	M	21	123678911	1016811
CL100011513_L01-2A6C248D	20	M	22	133795946	841071
CL100011513_L01-2A6C248D	21	M	23	161859466	790946
CL100011513_L01-2A6C248D	22	M	24	166205430	653256
CL100011513_L01-2A6C248D	23	M	25	202858652	612787
CL100011513_L01-2A6C248D	24	M	26	219794733	520515
CL100011513_L01-2A6C248D	25	M	27	246123424	456329
CL100011513_L01-2A6C248D	26	M	28	279750427	418296
CL100011513_L01-2A6C248D	27	M	29	299382603	353290
CL100011513_L01-2A6C248D	28	M	30	338718909	335407
CL100011513_L01-2A6C248D	29	M	31	412398268	327881
CL100011513_L01-2A6C248D	30	M	32	439506010	279892
CL100011513_L01-2A6C248D	31	M	33	537247553	287733
CL100011513_L01-2A6C248D	32	M	34	632251726	280884
CL100011513_L01-2A6C248D	33	M	34	798399943	296340
CL100011513_L01-2A6C248D	34	M	35	957215138	293242
CL100011513_L01-2A6C248D	35	M	36	1544353451	390055
CL100011513_L01-2A6C248D	36	M	36	3519340527	839899
CL100011513_L01-2A6C248D	37	M	38	12322990103	2127917
CL100011513_L01-2A6C248D	38	M	37	1962045551	380042