GATK BaseRecalibration report

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
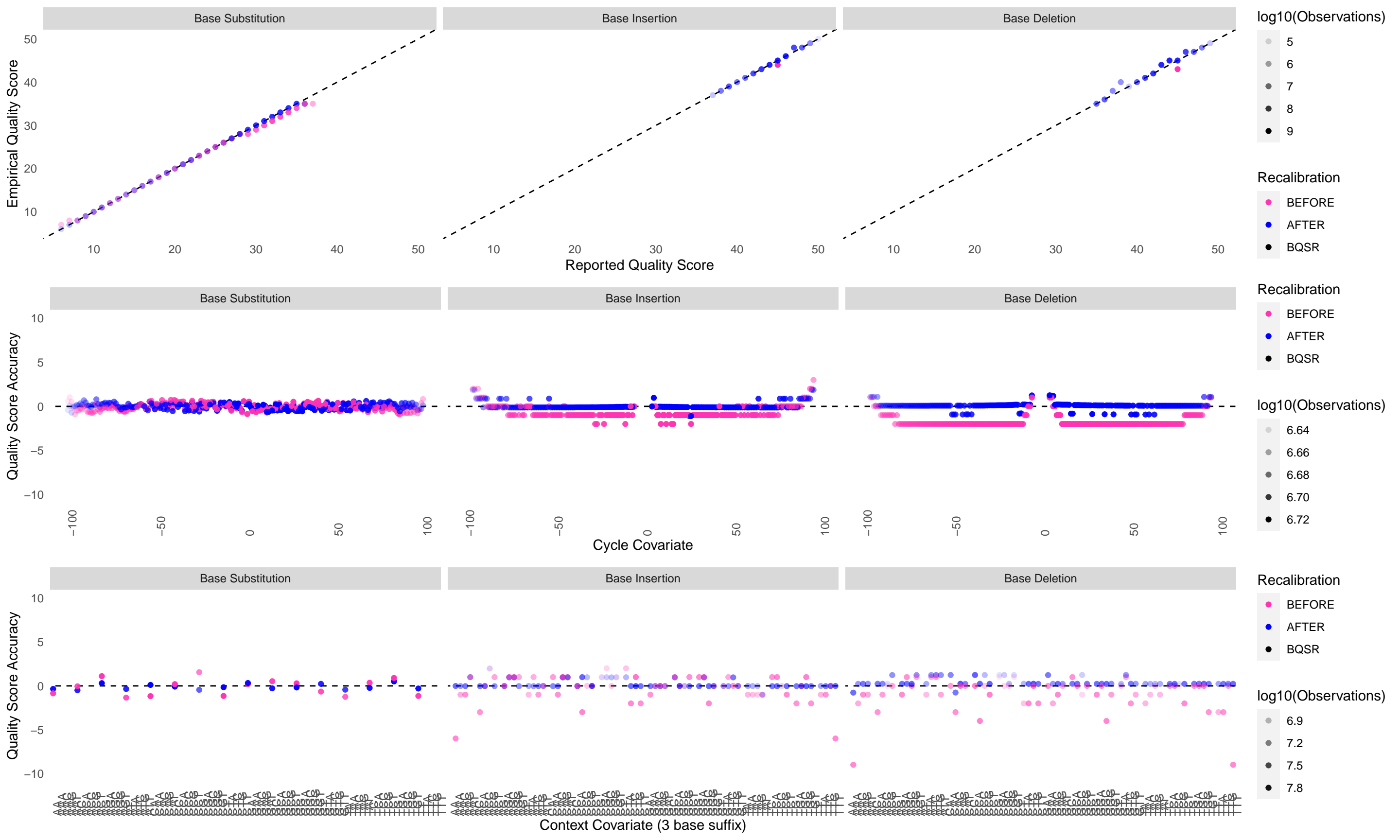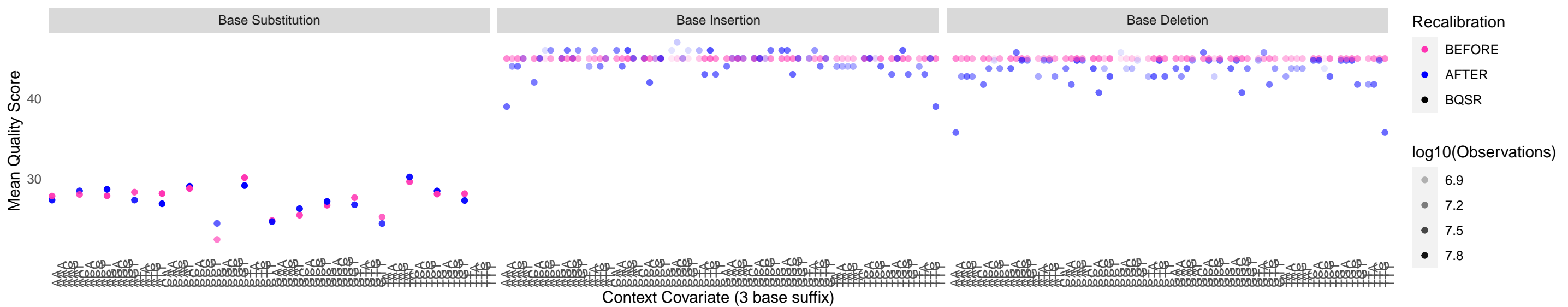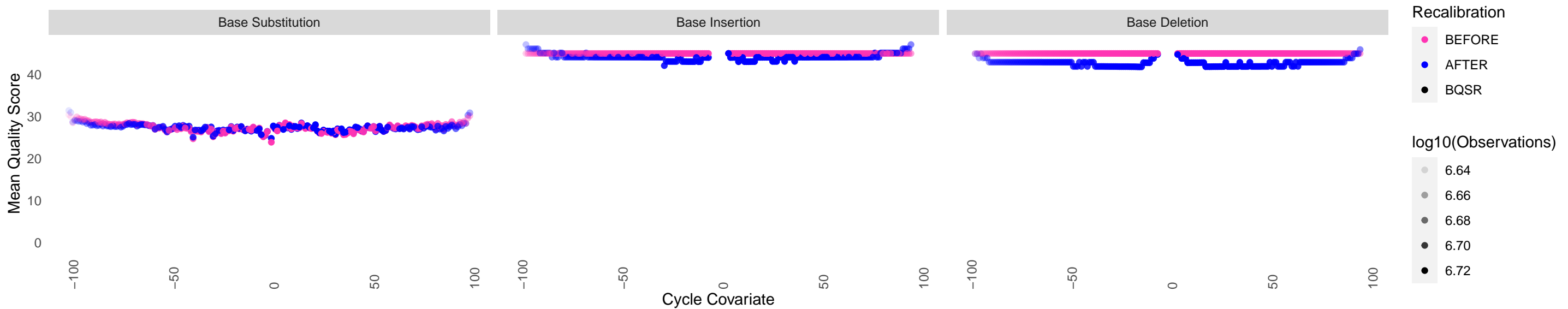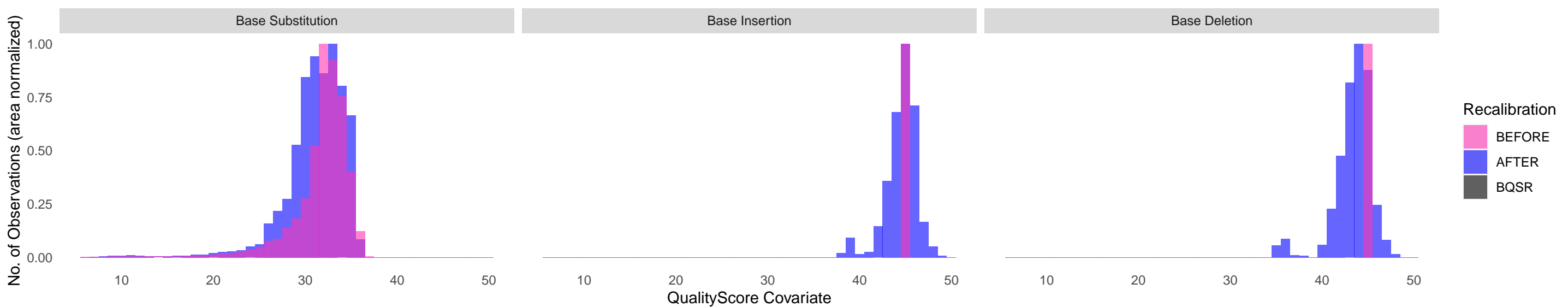
Overall error rates by event type

ReadGroup	TCGA−A7−A4SE−Control	TCGA−A7−A4SE−Control	TCGA−A7−A4SE−Control
EventType	M	I	D
EmpiricalQuality	27.0	44.0	43.0
EstimatedQReported	27.3	45.0	45.0
Observations	1.01e+09	1.01e+09	1.01e+09
Errors	1.92e+06	3.72e+04	5.03e+04

Error rates by event type and initial quality score

ReadGroup	QualityScore	EventType	EmpiricalQuality	Observations	Errors
TCGA–A7–A4SE–Control	6	M	7	417618	78643.29
TCGA–A7–A4SE–Control	7	M	8	589886	95395.57
TCGA–A7–A4SE–Control	8	M	8	837777	120030.50
TCGA–A7–A4SE–Control	9	M	9	1115865	136857.64
TCGA–A7–A4SE–Control	10	M	10	1346969	134383.23
TCGA–A7–A4SE–Control	11	M	11	1399370	110959.60
TCGA–A7–A4SE–Control	12	M	12	1196042	75558.07
TCGA–A7–A4SE–Control	13	M	13	1002071	49139.73
TCGA–A7–A4SE–Control	14	M	14	922950	35250.07
TCGA–A7–A4SE–Control	15	M	15	963572	28662.41
TCGA–A7–A4SE–Control	16	M	16	1149799	27151.69
TCGA–A7–A4SE–Control	17	M	17	1630022	31158.72
TCGA–A7–A4SE–Control	18	M	18	2002488	29167.63
TCGA–A7–A4SE–Control	19	M	19	2446369	28447.95
TCGA–A7–A4SE–Control	20	M	20	2916323	26464.81
TCGA–A7–A4SE–Control	21	M	21	3692215	27223.54
TCGA–A7–A4SE–Control	22	M	22	4476854	27319.06
TCGA–A7–A4SE–Control	23	M	23	6099227	30252.39
TCGA–A7–A4SE–Control	24	M	24	7818553	29875.82
TCGA–A7–A4SE–Control	25	M	25	10343857	31606.99
TCGA–A7–A4SE–Control	26	M	26	16285925	40417.04
TCGA–A7–A4SE–Control	27	M	27	18481195	38964.07
TCGA–A7–A4SE–Control	28	M	28	29181624	51396.17
TCGA–A7–A4SE–Control	29	M	28	38546873	55037.95
TCGA–A7–A4SE–Control	30	M	29	58709571	70731.02
TCGA–A7–A4SE–Control	31	M	30	110870721	107875.19
TCGA–A7–A4SE–Control	32	M	31	212712614	159114.68
TCGA–A7–A4SE–Control	33	M	32	196202539	121233.20
TCGA–A7–A4SE–Control	34	M	33	160405404	78098.05
TCGA–A7–A4SE–Control	35	M	34	85691931	35390.51
TCGA–A7–A4SE–Control	36	M	35	26223881	9116.45
TCGA–A7–A4SE–Control	37	M	35	1363225	453.39
TCGA–A7–A4SE–Control	45	I	44	1007043330	37237.34
TCGA–A7–A4SE–Control	45	D	43	1007043330	50302.35