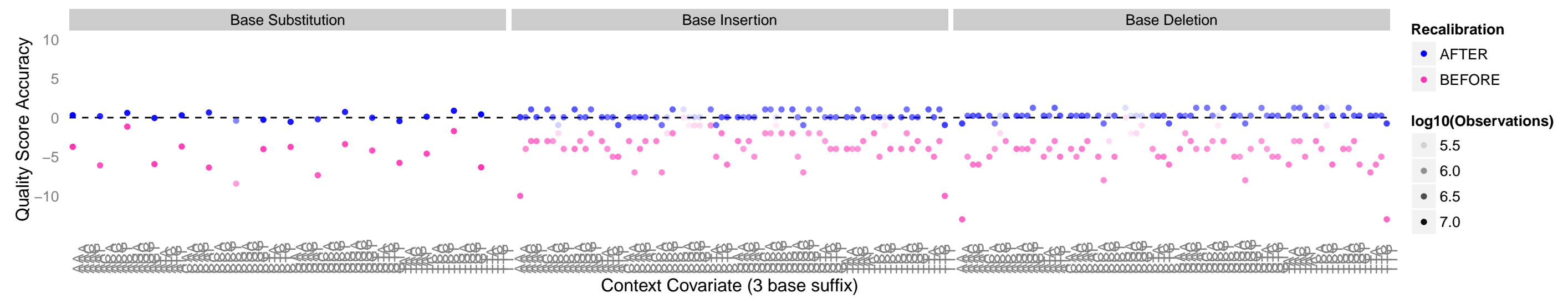
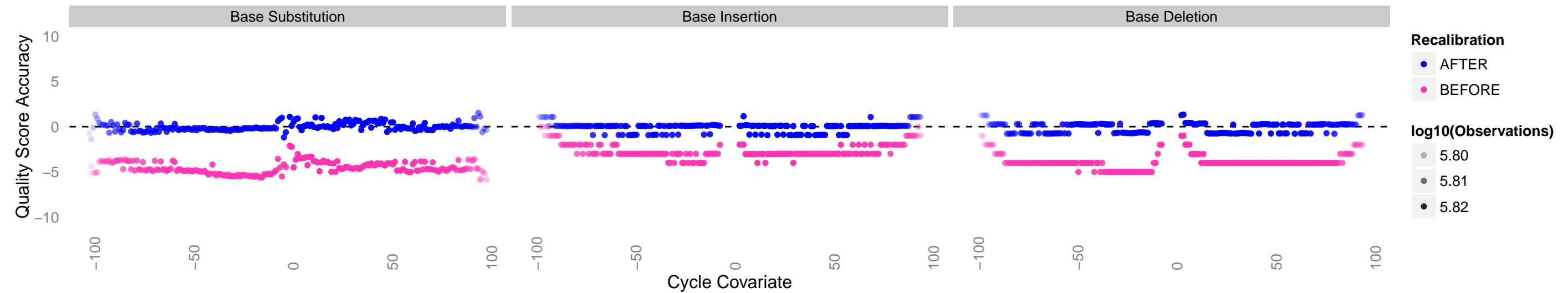
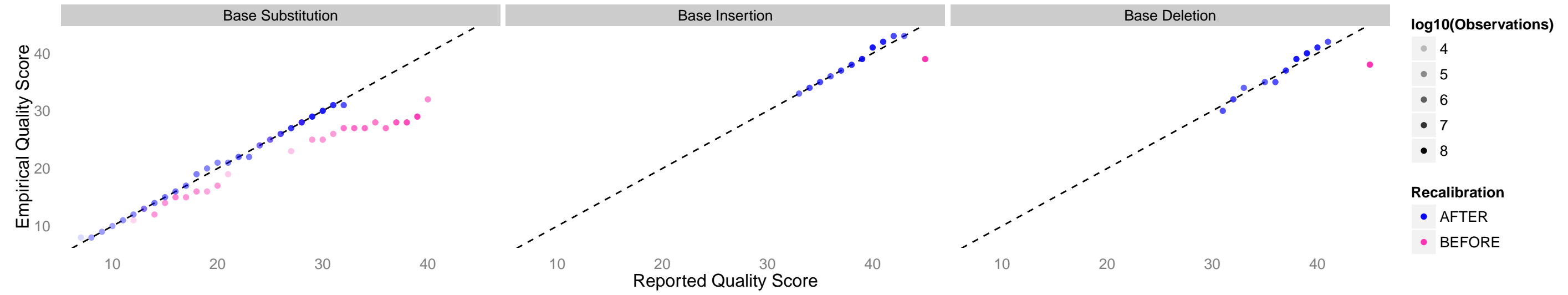
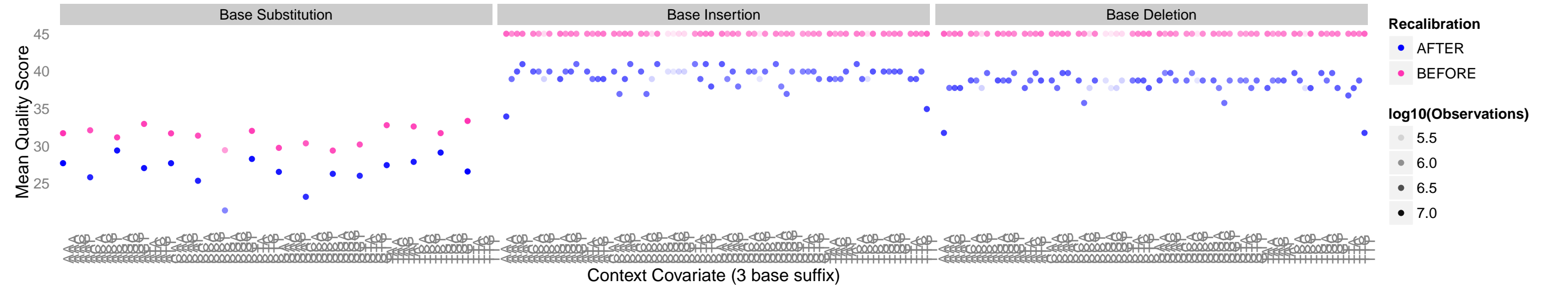
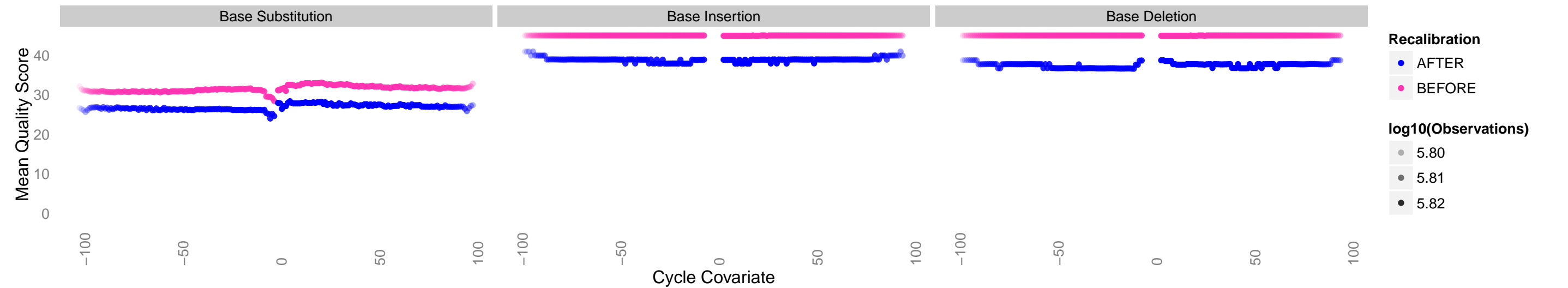
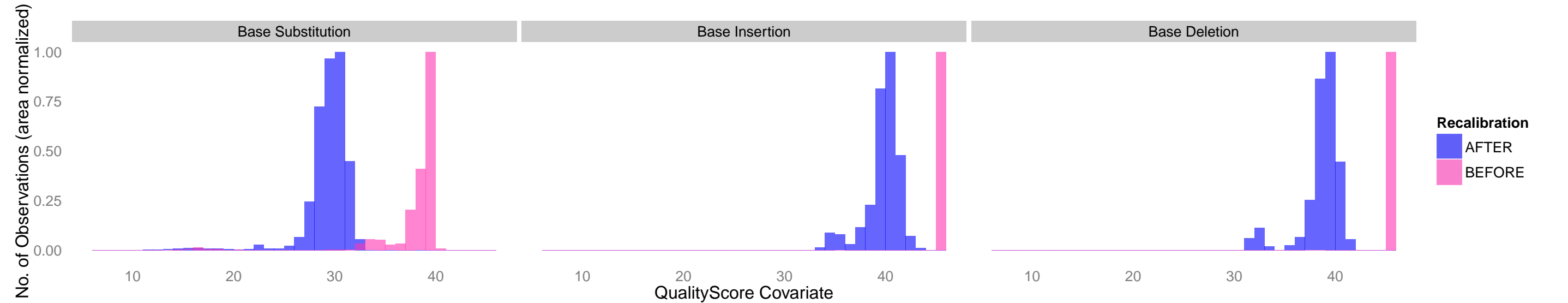


Argument	Value
binary_tag_name	None
covariate	ReadGroup,QualityScore,Context,Cycle
default_platform	None
deletions_default_quality	45
force_platform	None
indels_context_size	3
insertions_default_quality	45
low_quality_tail	2
maximum_cycle_value	500
mismatches_context_size	2
mismatches_default_quality	-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	2044N0002_ATCACG	2044N0002_ATCACG	2044N0002_ATCACG
EventType	M	I	D
EmpiricalQuality	27.0	39.0	38.0
EstimatedQReported	31.5	45.0	45.0
Observations	1.32e+08	1.32e+08	1.32e+08
Errors	2.80e+05	1.61e+04	2.25e+04

Error rates by event type and initial quality score

ReadGroup	QualityScore	EventType	EmpiricalQuality	Observations	Errors
2044N0002_ATCACG	12	M	11	6879	605.04
2044N0002_ATCACG	13	M	13	6095	322.68
2044N0002_ATCACG	14	M	12	293704	17652.98
2044N0002_ATCACG	15	M	14	386116	16566.60
2044N0002_ATCACG	16	M	15	1095332	36479.16
2044N0002_ATCACG	17	M	15	394935	11693.19
2044N0002_ATCACG	18	M	16	419089	10682.49
2044N0002_ATCACG	19	M	16	119390	2951.30
2044N0002_ATCACG	20	M	17	278695	5043.95
2044N0002_ATCACG	21	M	19	12945	183.89
2044N0002_ATCACG	24	M	24	5111	25.14
2044N0002_ATCACG	25	M	25	2560	13.96
2044N0002_ATCACG	26	M	26	4038	12.45
2044N0002_ATCACG	27	M	23	20485	164.02
2044N0002_ATCACG	28	M	28	1921	9.01
2044N0002_ATCACG	29	M	25	217852	820.73
2044N0002_ATCACG	30	M	25	277690	978.81
2044N0002_ATCACG	31	M	26	223519	634.11
2044N0002_ATCACG	32	M	27	2308117	5057.97
2044N0002_ATCACG	33	M	27	3879362	7739.98
2044N0002_ATCACG	34	M	27	3787151	6902.80
2044N0002_ATCACG	35	M	28	1908873	3530.88
2044N0002_ATCACG	36	M	27	2373285	4405.33
2044N0002_ATCACG	37	M	28	14420143	20622.47
2044N0002_ATCACG	38	M	28	28880468	44732.23
2044N0002_ATCACG	39	M	29	70488582	82060.11
2044N0002_ATCACG	40	M	32	645156	563.03
2044N0002_ATCACG	45	I	39	132457493	16064.61
2044N0002_ATCACG	45	D	38	132457493	22452.53