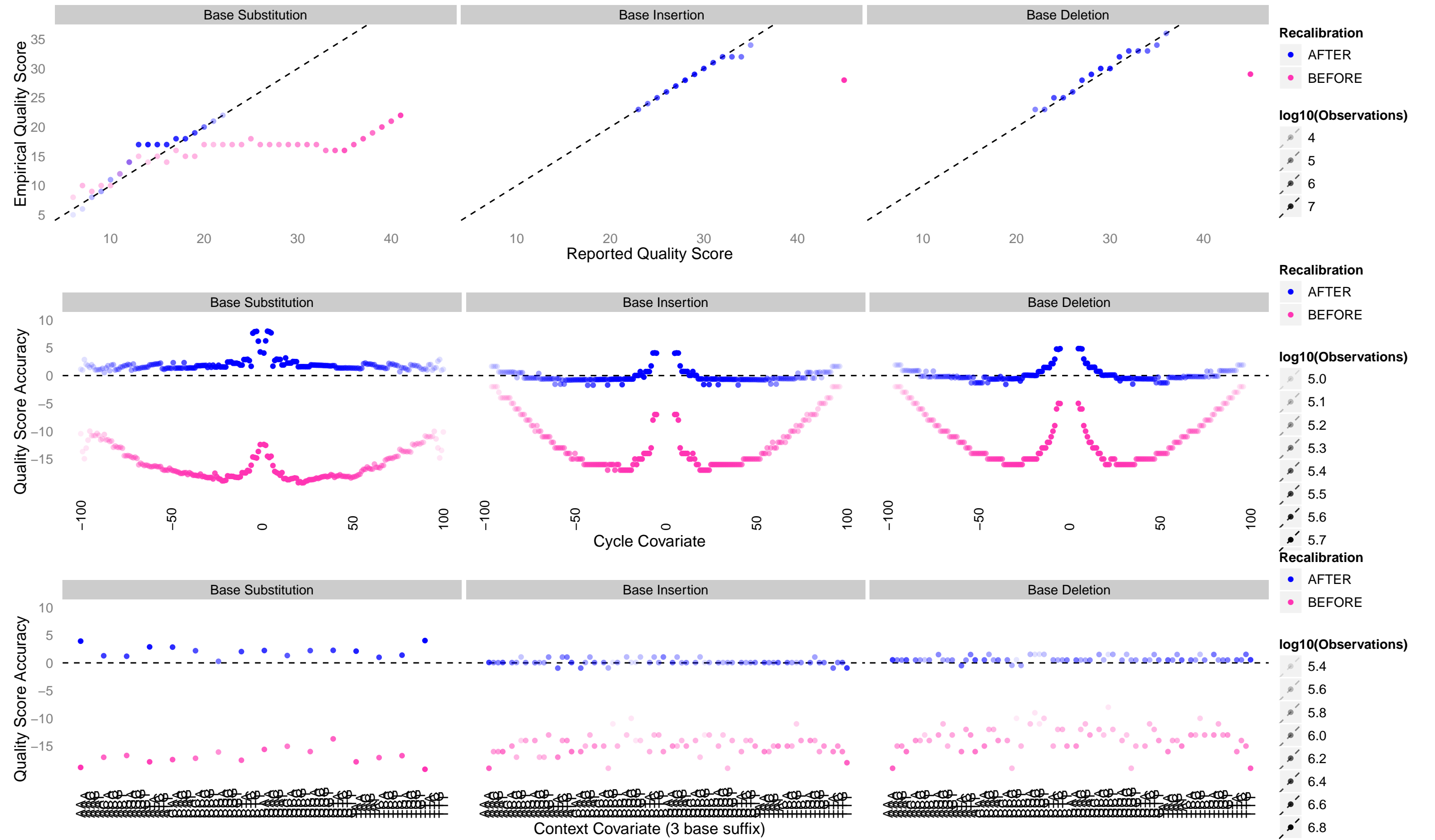
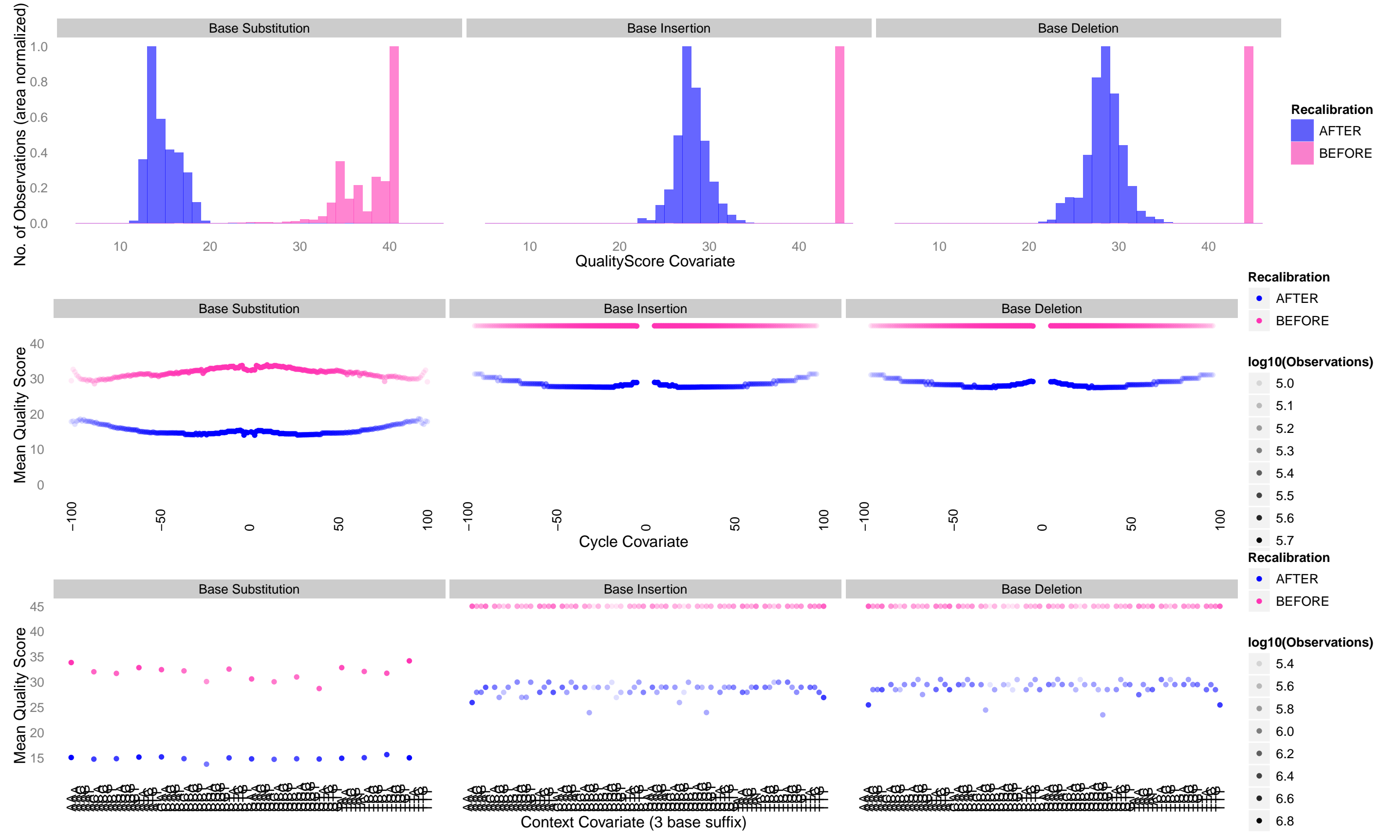


Argument	Value
binary_tag_name	None
covariate	ReadGroup,QualityScore,Context,Cycle
default_platform	None
deletions_default_quality	45
force_platform	None
indels_context_size	3
insertions_default_quality	45
low_quality_tail	2
maximum_cycle_value	500
mismatches_context_size	2
mismatches_default_quality	-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	Atl_DNA61a_interleaved	Atl_DNA61a_interleaved	Atl_DNA61a_interleaved
EventType	M	I	D
EmpiricalQuality	15.0	28.0	29.0
EstimatedQReported	32.0	45.0	45.0
Observations	5.84e+07	5.84e+07	5.84e+07
Errors	1.81e+06	8.41e+04	7.18e+04

Error rates by event type and initial quality score

ReadGroup	QualityScore	EventType	EmpiricalQuality	Observations	Errors
Atl_DNA61a_interleaved	6	M	8	5804	982.84
Atl_DNA61a_interleaved	7	M	10	30030	3223.50
Atl_DNA61a_interleaved	8	M	9	32033	3894.56
Atl_DNA61a_interleaved	9	M	10	21539	2215.66
Atl_DNA61a_interleaved	10	M	10	24750	2375.83
Atl_DNA61a_interleaved	11	M	12	11412	667.99
Atl_DNA61a_interleaved	12	M	14	7263	292.22
Atl_DNA61a_interleaved	13	M	15	15470	459.66
Atl_DNA61a_interleaved	14	M	14	7541	315.19
Atl_DNA61a_interleaved	15	M	15	25488	790.30
Atl_DNA61a_interleaved	16	M	14	25358	1088.89
Atl_DNA61a_interleaved	17	M	16	28209	752.74
Atl_DNA61a_interleaved	18	M	15	49478	1762.92
Atl_DNA61a_interleaved	19	M	15	39342	1203.36
Atl_DNA61a_interleaved	20	M	17	47682	953.41
Atl_DNA61a_interleaved	21	M	17	19836	485.68
Atl_DNA61a_interleaved	22	M	17	36992	805.58
Atl_DNA61a_interleaved	23	M	17	60137	1234.98
Atl_DNA61a_interleaved	24	M	17	77294	1673.03
Atl_DNA61a_interleaved	25	M	18	119274	2237.22
Atl_DNA61a_interleaved	26	M	17	127936	2637.30
Atl_DNA61a_interleaved	27	M	17	133217	2785.14
Atl_DNA61a_interleaved	28	M	17	101889	2001.73
Atl_DNA61a_interleaved	29	M	17	235070	4609.35
Atl_DNA61a_interleaved	30	M	17	295560	5845.98
Atl_DNA61a_interleaved	31	M	17	505114	10941.31
Atl_DNA61a_interleaved	32	M	17	440974	8880.11
Atl_DNA61a_interleaved	33	M	16	880222	20616.23
Atl_DNA61a_interleaved	34	M	16	2695963	70765.66
Atl_DNA61a_interleaved	35	M	16	8046362	181952.23
Atl_DNA61a_interleaved	36	M	17	3160496	72960.53
Atl_DNA61a_interleaved	37	M	18	4970957	122268.16
Atl_DNA61a_interleaved	38	M	19	1553208	49342.09
Atl_DNA61a_interleaved	39	M	20	6048487	175763.72
Atl_DNA61a_interleaved	40	M	21	5464472	190546.21
Atl_DNA61a_interleaved	41	M	22	23023299	861214.64
Atl_DNA61a_interleaved	45	I	28	58368158	84126.99
Atl_DNA61a_interleaved	45	D	29	58368158	71808.31