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

Tue Nov 19 13:00:22 2013
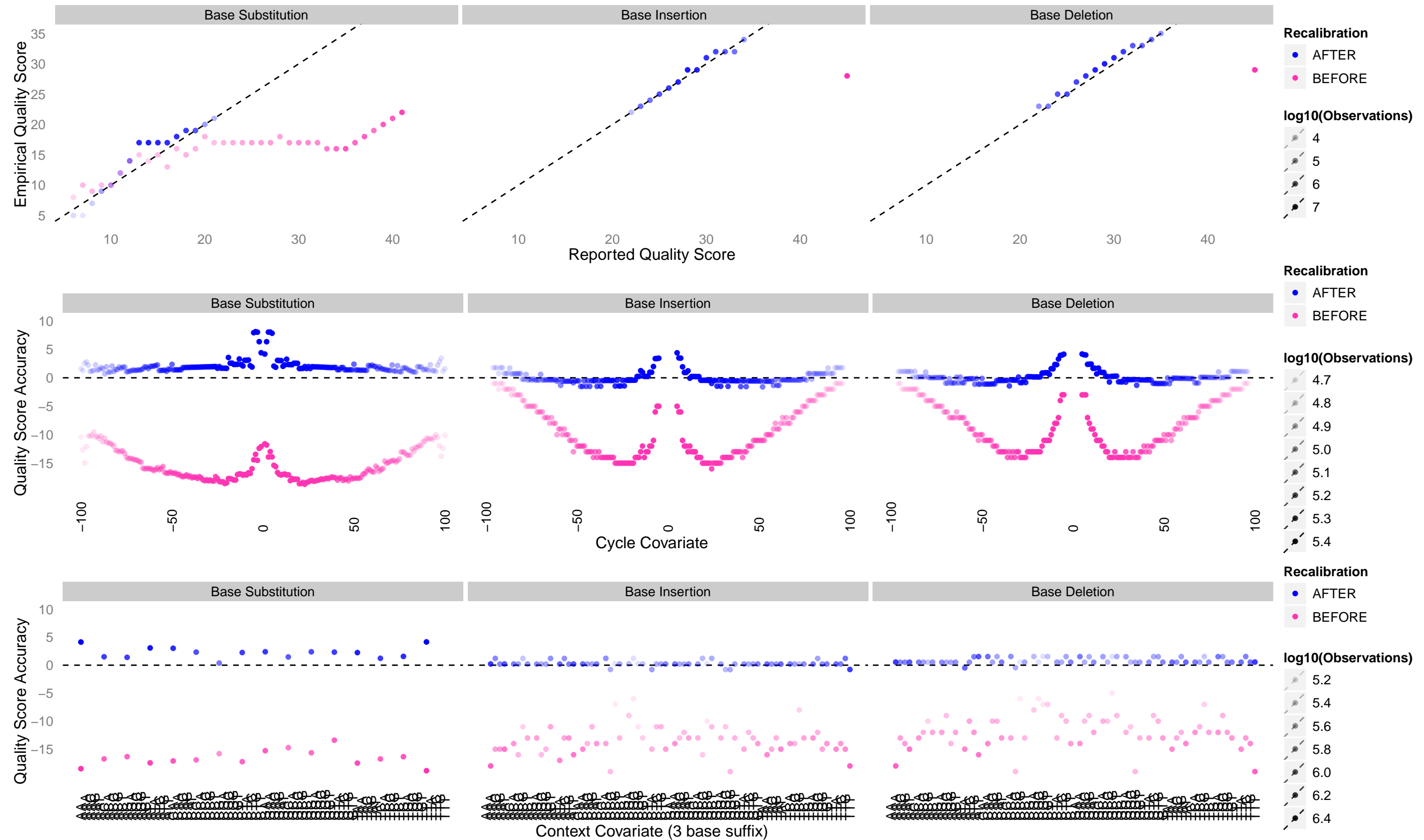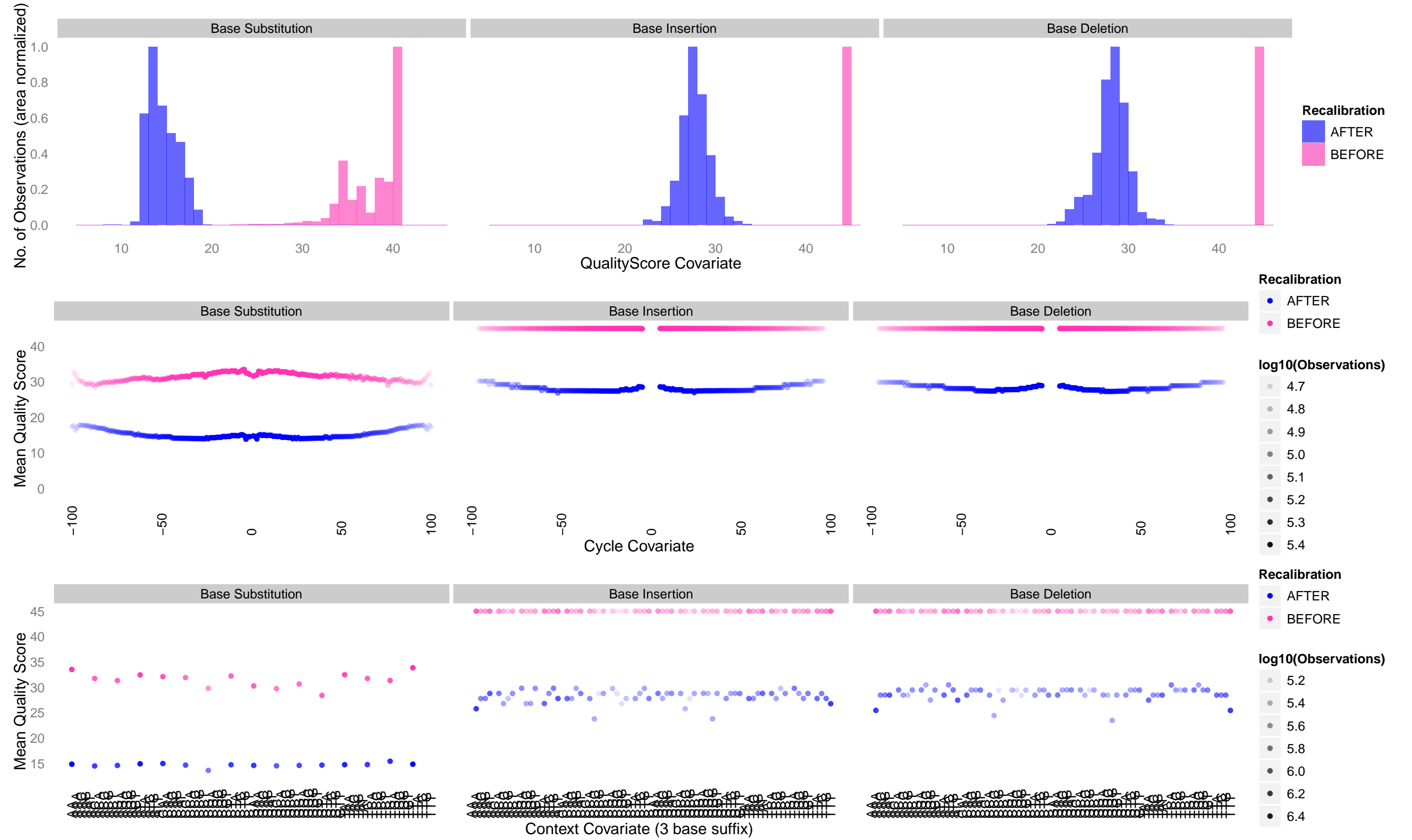
Overall error rates by event type

ReadGroup	Atl_DNA68a_interleaved	Atl_DNA68a_interleaved	Atl_DNA68a_interleaved
EventType	M	I	D
EmpiricalQuality	15.0	28.0	29.0
EstimatedQReported	31.7	45.0	45.0
Observations	3.02e+07	3.02e+07	3.02e+07
Errors	9.44e+05	4.44e+04	3.77e+04

Error rates by event type and initial quality score

ReadGroup	QualityScore	EventType	EmpiricalQuality	Observations	Errors
Atl_DNA68a_interleaved	6	M	8	3193	509.30
Atl_DNA68a_interleaved	7	M	10	16650	1784.99
Atl_DNA68a_interleaved	8	M	9	18773	2108.80
Atl_DNA68a_interleaved	9	M	10	12899	1295.95
Atl_DNA68a_interleaved	10	M	10	14144	1358.30
Atl_DNA68a_interleaved	11	M	12	6649	399.37
Atl_DNA68a_interleaved	12	M	14	4044	154.99
Atl_DNA68a_interleaved	13	M	15	8984	256.21
Atl_DNA68a_interleaved	14	M	14	4368	162.08
Atl_DNA68a_interleaved	15	M	15	14268	412.43
Atl_DNA68a_interleaved	16	M	13	15230	727.90
Atl_DNA68a_interleaved	17	M	16	16400	445.35
Atl_DNA68a_interleaved	18	M	15	27530	984.64
Atl_DNA68a_interleaved	19	M	16	23124	670.60
Atl_DNA68a_interleaved	20	M	18	26018	502.13
Atl_DNA68a_interleaved	21	M	17	11164	287.56
Atl_DNA68a_interleaved	22	M	17	21220	465.91
Atl_DNA68a_interleaved	23	M	17	33436	721.76
Atl_DNA68a_interleaved	24	M	17	43140	990.73
Atl_DNA68a_interleaved	25	M	17	64628	1304.34
Atl_DNA68a_interleaved	26	M	17	71262	1512.93
Atl_DNA68a_interleaved	27	M	17	73626	1552.42
Atl_DNA68a_interleaved	28	M	18	58376	1204.01
Atl_DNA68a_interleaved	29	M	17	127938	2584.97
Atl_DNA68a_interleaved	30	M	17	164056	3265.22
Atl_DNA68a_interleaved	31	M	17	271182	5950.99
Atl_DNA68a_interleaved	32	M	17	238618	4713.50
Atl_DNA68a_interleaved	33	M	16	469560	11220.55
Atl_DNA68a_interleaved	34	M	16	1391373	37120.23
Atl_DNA68a_interleaved	35	M	16	4219498	95831.21
Atl_DNA68a_interleaved	36	M	17	1650017	38289.26
Atl_DNA68a_interleaved	37	M	18	2552750	63746.42
Atl_DNA68a_interleaved	38	M	19	826878	26966.02
Atl_DNA68a_interleaved	39	M	20	3110633	91458.57
Atl_DNA68a_interleaved	40	M	21	2842794	100386.13
Atl_DNA68a_interleaved	41	M	22	11724883	442580.53
Atl_DNA68a_interleaved	45	I	28	30179306	44447.88
Atl_DNA68a_interleaved	45	D	29	30179306	37669.13