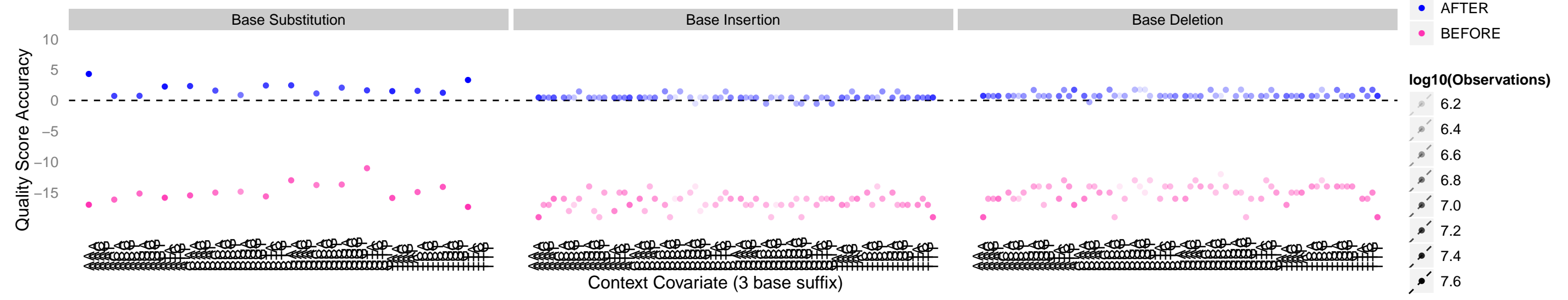
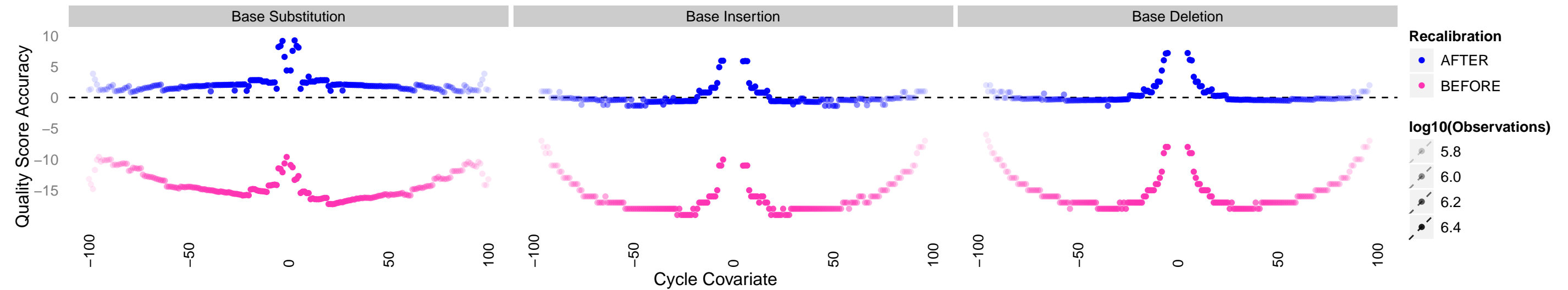
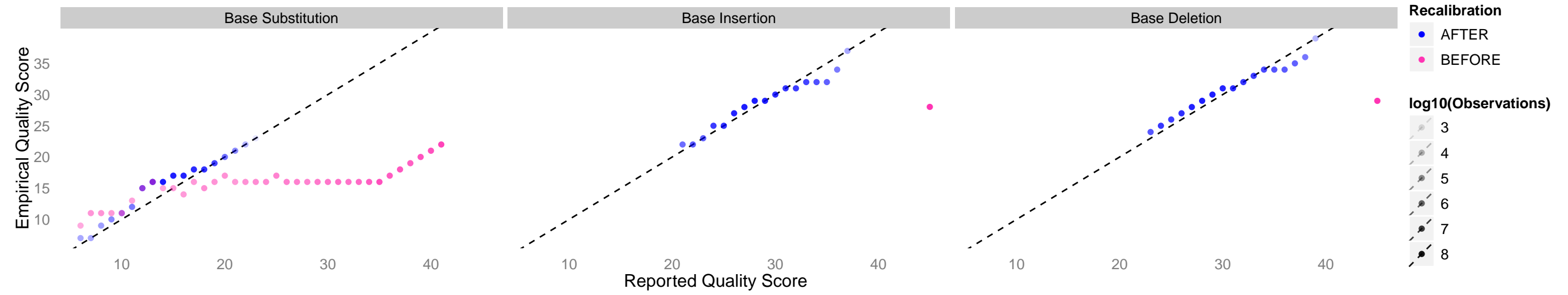
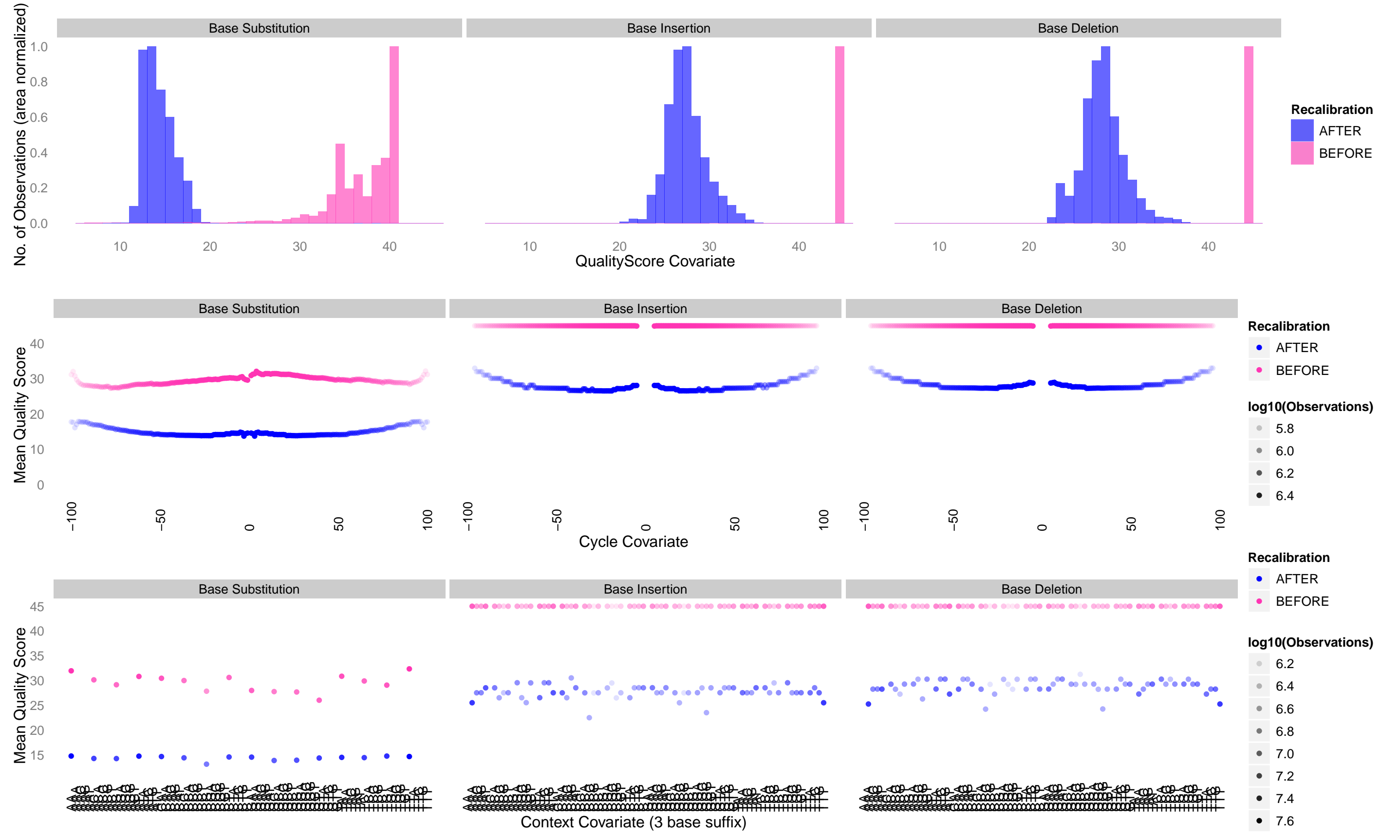


Argument	Value
binary_tag_name	None
covariate	ReadGroup,QualityScore,Context,Cycle
default_platform	None
deletions_default_quality	45
force_platform	None
indels_context_size	3
insertions_default_quality	45
low_quality_tail	2
maximum_cycle_value	500
mismatches_context_size	2
mismatches_default_quality	-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	Antarctica_DLSI94_interleaved	Antarctica_DLSI94_interleaved	Antarctica_DLSI94_interleaved
EventType	M	I	D
EmpiricalQuality	15.0	28.0	29.0
EstimatedQReported	29.8	45.0	45.0
Observations	3.44e+08	3.44e+08	3.44e+08
Errors	1.13e+07	5.37e+05	4.33e+05

Error rates by event type and initial quality score

ReadGroup	QualityScore	EventType	EmpiricalQuality	Observations	Errors
Antarctica_DLSI94_interleaved	6	M	9	69367	9249.60
Antarctica_DLSI94_interleaved	7	M	11	330219	28093.46
Antarctica_DLSI94_interleaved	8	M	11	384650	34119.44
Antarctica_DLSI94_interleaved	9	M	11	247338	20116.38
Antarctica_DLSI94_interleaved	10	M	11	278887	22356.06
Antarctica_DLSI94_interleaved	11	M	13	126938	6310.74
Antarctica_DLSI94_interleaved	12	M	15	74638	2406.05
Antarctica_DLSI94_interleaved	13	M	16	182636	4904.49
Antarctica_DLSI94_interleaved	14	M	15	90965	3191.65
Antarctica_DLSI94_interleaved	15	M	15	228452	6716.84
Antarctica_DLSI94_interleaved	16	M	14	228437	8173.67
Antarctica_DLSI94_interleaved	17	M	16	258534	6695.97
Antarctica_DLSI94_interleaved	18	M	15	542694	15828.39
Antarctica_DLSI94_interleaved	19	M	16	399540	11205.19
Antarctica_DLSI94_interleaved	20	M	17	468233	9982.68
Antarctica_DLSI94_interleaved	21	M	16	251436	6405.06
Antarctica_DLSI94_interleaved	22	M	16	466187	11314.01
Antarctica_DLSI94_interleaved	23	M	16	661070	15823.85
Antarctica_DLSI94_interleaved	24	M	16	853478	21068.33
Antarctica_DLSI94_interleaved	25	M	17	1212332	27019.24
Antarctica_DLSI94_interleaved	26	M	16	1622801	38760.08
Antarctica_DLSI94_interleaved	27	M	16	1503126	37182.28
Antarctica_DLSI94_interleaved	28	M	16	1266064	30728.09
Antarctica_DLSI94_interleaved	29	M	16	2461502	58014.06
Antarctica_DLSI94_interleaved	30	M	16	3225500	77252.72
Antarctica_DLSI94_interleaved	31	M	16	5366433	144215.96
Antarctica_DLSI94_interleaved	32	M	16	4370327	104751.00
Antarctica_DLSI94_interleaved	33	M	16	7090637	187699.94
Antarctica_DLSI94_interleaved	34	M	16	17253331	481419.81
Antarctica_DLSI94_interleaved	35	M	16	47434109	1190097.34
Antarctica_DLSI94_interleaved	36	M	17	20661055	556230.64
Antarctica_DLSI94_interleaved	37	M	18	29012745	793769.35
Antarctica_DLSI94_interleaved	38	M	19	16198912	578188.83
Antarctica_DLSI94_interleaved	39	M	20	34547896	1088465.61
Antarctica_DLSI94_interleaved	40	M	21	38948112	1471305.47
Antarctica_DLSI94_interleaved	41	M	22	105626058	4234757.91
Antarctica_DLSI94_interleaved	45	I	28	343944639	537448.40
Antarctica_DLSI94_interleaved	45	D	29	343944639	432614.16