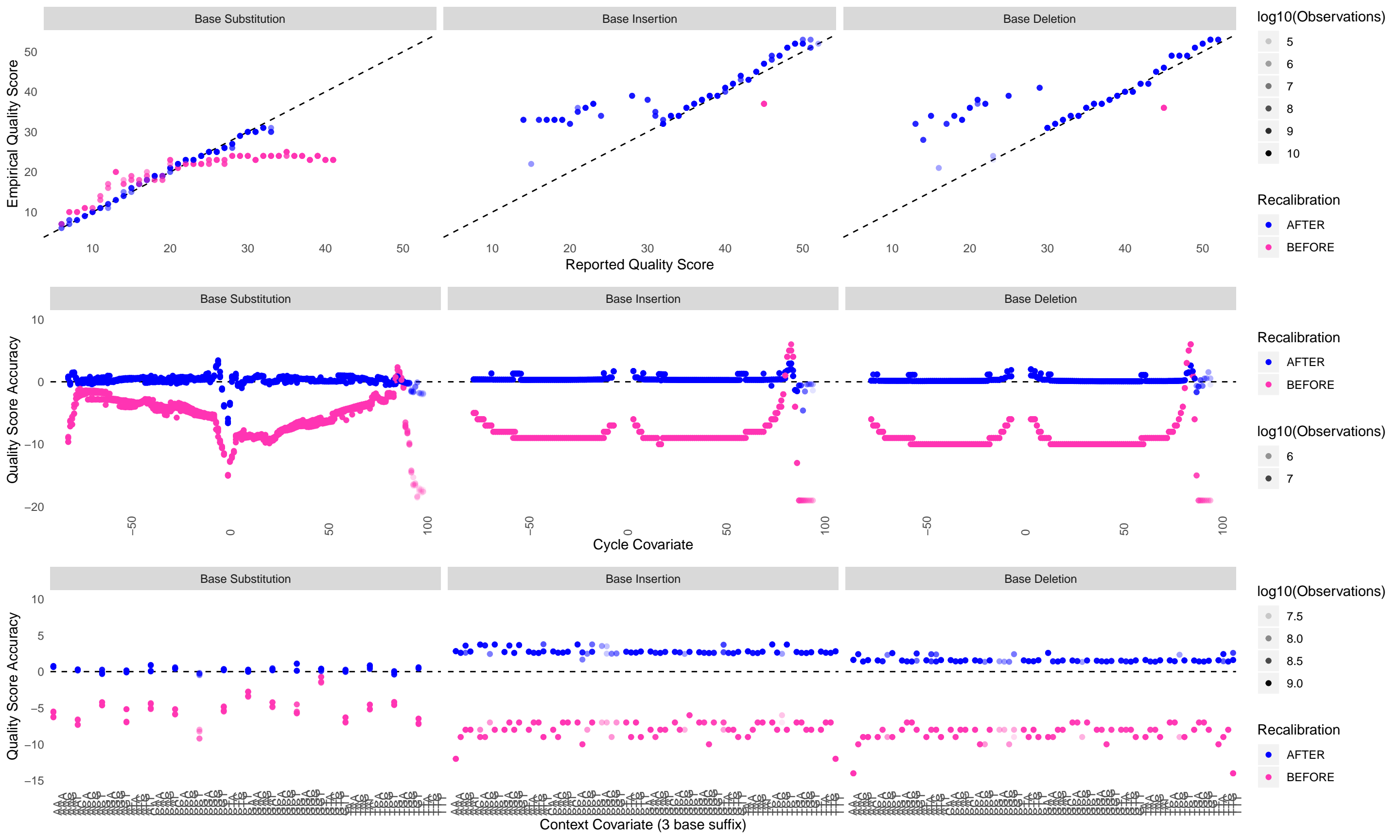
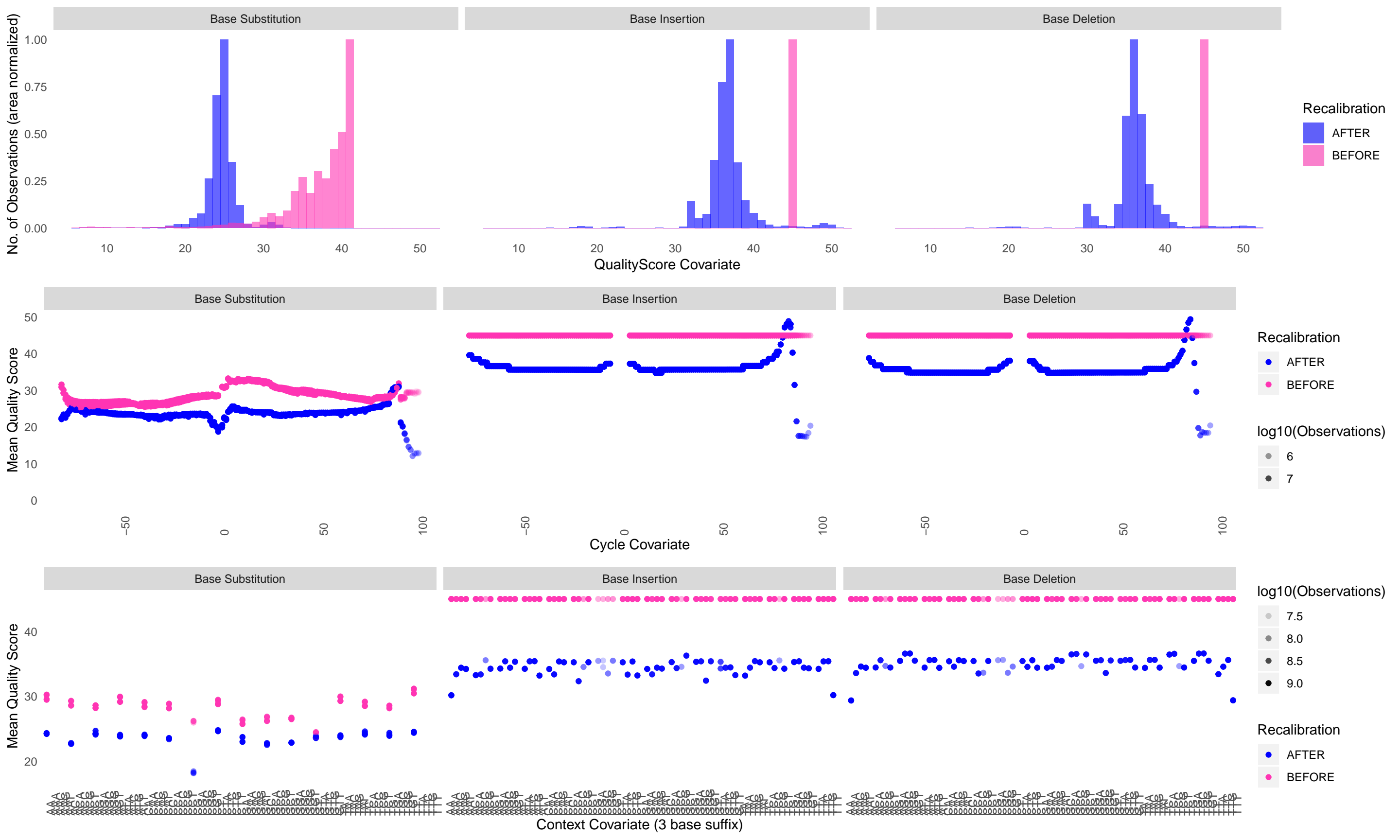


Argument	Value
binary_tag_name	None
covariate	ReadGroup,QualityScore,Context,Cycle
default_platform	None
deletions_default_quality	45
force_platform	None
indels_context_size	3
insertions_default_quality	45
low_quality_tail	2
maximum_cycle_value	500
mismatches_context_size	2
mismatches_default_quality	-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

ian-macaque-NO.3	@FCC1LLLACXX.5.Tibetan-macaque-NO.3	@FCC1LLLACXX.5.Tibetan-macaque-NO.3	@FCD1R52ACXX.5.Tibetan-macaque-NO.3	@FCD1R52ACXX.5.Tibetan-macaque-NO.3	@FCD1R52ACXX.5.Tibetan-macaque-NO.3	@FCD1RK8ACXX.3.Tibetan-macaque-NO.3	@FCD1RK8ACXX.3.Tibetan-macaque-NO.3	@FCD1RK8ACXX.3.Tibetan-macaque-NO.3	@FCD1RK8ACXX.4.Tibetan-macaque-NO.3	@FCD1RK8ACXX.4.Tibetan-macaque-NO.3
M	I	D	M	I	D	M	I	D	M	M
23.0	37.0	36.0	23.0	37.0	36.0	23.0	37.0	36.0	23.0	23.0
45.0	45.0	45.0	27.9	45.0	28.5	28.5	45.0	28.5	45.0	28.5
1.13e+10	1.13e+10	1.13e+10	1.19e+10	1.19e+10	1.19e+10	1.14e+10	1.14e+10	1.14e+10	1.14e+10	1.15e+10
5.79e+07	2.41e+06	2.84e+06	6.00e+07	2.54e+06	2.97e+06	5.80e+07	2.44e+06	2.87e+06	5.88e+07	

Error rates by event type and initial quality score

ReadGroup	QualityScore	EventType	EmpiricalQuality	Observations	Errors
@FQC1LLACXX.5.Tbetan-macaque-NO.3	6	M	7	3096590	590183.97
@FQC1LLACXX.5.Tbetan-macaque-NO.3	7	M	10	16075765	1607673.73
@FQC1LLACXX.5.Tbetan-macaque-NO.3	8	M	10	24055823	2396351.24
@FQC1LLACXX.5.Tbetan-macaque-NO.3	9	M	11	17237999	1426337.95
@FQC1LLACXX.5.Tbetan-macaque-NO.3	10	M	11	13404444	1167196.41
@FQC1LLACXX.5.Tbetan-macaque-NO.3	11	M	14	5742751	255046.82
@FQC1LLACXX.5.Tbetan-macaque-NO.3	12	M	17	3396711	69638.48
@FQC1LLACXX.5.Tbetan-macaque-NO.3	13	M	20	11674564	124295.60
@FQC1LLACXX.5.Tbetan-macaque-NO.3	14	M	18	4975474	89004.89
@FQC1LLACXX.5.Tbetan-macaque-NO.3	15	M	19	12305964	171346.51
@FQC1LLACXX.5.Tbetan-macaque-NO.3	16	M	18	11919080	209227.41
@FQC1LLACXX.5.Tbetan-macaque-NO.3	17	M	19	1318237	163790.07
@FQC1LLACXX.5.Tbetan-macaque-NO.3	18	M	19	30031439	374072.37
@FQC1LLACXX.5.Tbetan-macaque-NO.3	19	M	19	19684630	255709.75
@FQC1LLACXX.5.Tbetan-macaque-NO.3	20	M	21	18973795	103797.99
@FQC1LLACXX.5.Tbetan-macaque-NO.3	21	M	21	13476612	102000.17
@FQC1LLACXX.5.Tbetan-macaque-NO.3	22	M	22	27879588	162359.88
@FQC1LLACXX.5.Tbetan-macaque-NO.3	23	M	22	34775833	208842.96
@FQC1LLACXX.5.Tbetan-macaque-NO.3	24	M	22	50377628	303772.62
@FQC1LLACXX.5.Tbetan-macaque-NO.3	25	M	23	55287926	300330.83
@FQC1LLACXX.5.Tbetan-macaque-NO.3	26	M	23	8891038	434498.94
@FQC1LLACXX.5.Tbetan-macaque-NO.3	27	M	23	81188752	434213.70
@FQC1LLACXX.5.Tbetan-macaque-NO.3	28	M	24	70431059	306818.74
@FQC1LLACXX.5.Tbetan-macaque-NO.3	29	M	24	106385340	454265.75
@FQC1LLACXX.5.Tbetan-macaque-NO.3	30	M	24	17948992	79636.79
@FQC1LLACXX.5.Tbetan-macaque-NO.3	31	M	23	254891964	1219716.63
@FQC1LLACXX.5.Tbetan-macaque-NO.3	32	M	24	194897657	714312.42
@FQC1LLACXX.5.Tbetan-macaque-NO.3	33	M	24	290724375	1234344.10
@FQC1LLACXX.5.Tbetan-macaque-NO.3	34	M	24	606364519	2593067.71
@FQC1LLACXX.5.Tbetan-macaque-NO.3	35	M	25	816603821	2898937.97
@FQC1LLACXX.5.Tbetan-macaque-NO.3	36	M	24	575672374	2186291.62
@FQC1LLACXX.5.Tbetan-macaque-NO.3	37	M	24	934036289	3649118.33
@FQC1LLACXX.5.Tbetan-macaque-NO.3	38	M	23	823931246	3778911.57
@FQC1LLACXX.5.Tbetan-macaque-NO.3	39	M	14	128875810	5351695.20
@FQC1LLACXX.5.Tbetan-macaque-NO.3	40	M	23	157208323	7160237.29
@FQC1LLACXX.5.Tbetan-macaque-NO.3	41	M	43	3018952504	1468566.11
@FQC1LLACXX.5.Tbetan-macaque-NO.3	45	I	37	1126566647	2412821.58
@FQC1LLACXX.5.Tbetan-macaque-NO.3	45	D	36	1126566647	2634753.89
@FCD1RS2ACXX.5.Tbetan-macaque-NO.3	6	M	7	3273857	615690.78
@FCD1RS2ACXX.5.Tbetan-macaque-NO.3	7	M	10	17373834	1705026.13
@FCD1RS2ACXX.5.Tbetan-macaque-NO.3	8	M	10	24505191	2450519.54
@FCD1RS2ACXX.5.Tbetan-macaque-NO.3	9	M	11	17210108	1721057.06
@FCD1RS2ACXX.5.Tbetan-macaque-NO.3	10	M	11	13030806	105519.34
@FCD1RS2ACXX.5.Tbetan-macaque-NO.3	11	M	14	5891802	232974.56
@FCD1RS2ACXX.5.Tbetan-macaque-NO.3	12	M	17	35445291	75443.33
@FCD1RS2ACXX.5.Tbetan-macaque-NO.3	13	M	20	1219629	136368.63
@FCD1RS2ACXX.5.Tbetan-macaque-NO.3	14	M	17	5174652	82513.76
@FCD1RS2ACXX.5.Tbetan-macaque-NO.3	15	M	19	12476104	168440.19
@FCD1RS2ACXX.5.Tbetan-macaque-NO.3	16	M	18	12819001	189113.41
@FCD1RS2ACXX.5.Tbetan-macaque-NO.3	17	M	20	13604129	152793.01
@FCD1RS2ACXX.5.Tbetan-macaque-NO.3	18	M	18	1067584	365791.12
@FCD1RS2ACXX.5.Tbetan-macaque-NO.3	19	M	19	20510474	250688.75
@FCD1RS2ACXX.5.Tbetan-macaque-NO.3	20	M	22	20212259	114119.15
@FCD1RS2ACXX.5.Tbetan-macaque-NO.3	21	M	22	14345994	106337.16
@FCD1RS2ACXX.5.Tbetan-macaque-NO.3	22	M	22	29897346	173857.35
@FCD1RS2ACXX.5.Tbetan-macaque-NO.3	23	M	22	36271695	217196.63
@FCD1RS2ACXX.5.Tbetan-macaque-NO.3	24	M	22	52054727	302919.97
@FCD1RS2ACXX.5.Tbetan-macaque-NO.3	25	M	23	30857650	300905.02
@FCD1RS2ACXX.5.Tbetan-macaque-NO.3	26	M	23	98585988	457626.57
@FCD1RS2ACXX.5.Tbetan-macaque-NO.3	27	M	23	9477084	429413.01
@FCD1RS2ACXX.5.Tbetan-macaque-NO.3	28	M	24	75475513	322813.55
@FCD1RS2ACXX.5.Tbetan-macaque-NO.3	29	M	14	11665454	48298.51
@FCD1RS2ACXX.5.Tbetan-macaque-NO.3	30	M	24	189427604	789206.72
@FCD1RS2ACXX.5.Tbetan-macaque-NO.3	31	M	23	221635811	1263559.61
@FCD1RS2ACXX.5.Tbetan-macaque-NO.3	32	M	24	211404484	820864.44
@FCD1RS2ACXX.5.Tbetan-macaque-NO.3	33	M	24	311404684	1298178.34
@FCD1RS2ACXX.5.Tbetan-macaque-NO.3	34	M	24	66481845	2788722.37
@FCD1RS2ACXX.5.Tbetan-macaque-NO.3	35	M	25	85088926	298080.83
@FCD1RS2ACXX.5.Tbetan-macaque-NO.3	36	M	14	60886975	2271874.88
@FCD1RS2ACXX.5.Tbetan-macaque-NO.3	37	M	24	96089975	360889.98
@FCD1RS2ACXX.5.Tbetan-macaque-NO.3	38	M	13	85357268	406896.45
@FCD1RS2ACXX.5.Tbetan-macaque-NO.3	39	M	24	134659777	5551973.16
@FCD1RS2ACXX.5.Tbetan-macaque-NO.3	40	M	24	169037045	767772.92
@FCD1RS2ACXX.5.Tbetan-macaque-NO.3	41	M	23	312361989	15095743.20
@FCD1RS2ACXX.5.Tbetan-macaque-NO.3	45	I	17	118926538	253695.28
@FCD1RS2ACXX.5.Tbetan-macaque-NO.3	45	D	36	118926538	2973678.04
@FCD1RK8ACXX.3.Tbetan-macaque-NO.3	6	M	7	2817292	572842.70
@FCD1RK8ACXX.3.Tbetan-macaque-NO.3	7	M	10	18977221	1346308.20
@FCD1RK8ACXX.3.Tbetan-macaque-NO.3	8	M	10	23441465	2012902.73
@FCD1RK8ACXX.3.Tbetan-macaque-NO.3	9	M	11	14396501	1139791.15
@FCD1RK8ACXX.3.Tbetan-macaque-NO.3	10	M	11	11688244	1099801.02
@FCD1RK8ACXX.3.Tbetan-macaque-NO.3	11	M	13	5083070	243837.89
@FCD1RK8ACXX.3.Tbetan-macaque-NO.3	12	M	16	3176116	74137.90
@FCD1RK8ACXX.3.Tbetan-macaque-NO.3	13	M	10	10502632	1050263.62
@FCD1RK8ACXX.3.Tbetan-macaque-NO.3	14	M	17	4356507	90579.75
@FCD1RK8ACXX.3.Tbetan-macaque-NO.3	15	M	16	11230871	151261.41
@FCD1RK8ACXX.3.Tbetan-macaque-NO.3	16	M	17	10942826	221424.94
@FCD1RK8ACXX.3.Tbetan-macaque-NO.3	17	M	17	81741059	173917.47
@FCD1RK8ACXX.3.Tbetan-macaque-NO.3	18	M	18	27096096	383687.67
@FCD1RK8ACXX.3.Tbetan-macaque-NO.3	19	M	18	21479329	261522.29
@FCD1RK8ACXX.3.Tbetan-macaque-NO.3	20	M	18	17784768	93476.74
@FCD1RK8ACXX.3.Tbetan-macaque-NO.3	21	M	21	12376673	96428.13
@FCD1RK8ACXX.3.Tbetan-macaque-NO.3	22	M	21	65325107	146960.86
@FCD1RK8ACXX.3.Tbetan-macaque-NO.3	23	M	22	32317498	195450.01
@FCD1RK8ACXX.3.Tbetan-macaque-NO.3	24	M	22	46969708	259882.20
@FCD1RK8ACXX.3.Tbetan-macaque-NO.3	25	M	22	50436879	288198.08
@FCD1RK8ACXX.3.Tbetan-macaque-NO.3	26	M	23	81741059	407530.25
@FCD1RK8ACXX.3.Tbetan-macaque-NO.3	27	M	22	75213247	430300.51
@FCD1RK8ACXX.3.Tbetan-macaque-NO.3	28	M	24	65295725	291016.68
@FCD1RK8ACXX.3.Tbetan-macaque-NO.3	29	M	24	9529493	432540.35
@FCD1RK8ACXX.3.Tbetan-macaque-NO.3	30	M	24	161775183	725894.73
@FCD1RK8ACXX.3.Tbetan-macaque-NO.3	31	M	23	242320884	1193659.60
@FCD1RK8ACXX.3.Tbetan-macaque-NO.3	32	M	24	18414695	746992.56
@FCD1RK8ACXX.3.Tbetan-macaque-NO.3	33	M	24	298582068	1207148.22
@FCD1RK8ACXX.3.Tbetan-macaque-NO.3	34	M	24	590308188	2547446.94
@FCD1RK8ACXX.3.Tbetan-macaque-NO.3	35	M	24	860725064	3564203.39
@FCD1RK8ACXX.3.Tbetan-macaque-NO.3	36	M	24	577649483	2206976.80
@FCD1RK8ACXX.3.Tbetan-macaque-NO.3	37	M	24	94208966	3607144.37
@FCD1RK8ACXX.3.Tbetan-macaque-NO.3	38	M	23	803060621	3713518.20
@FCD1RK8ACXX.3.Tbetan-macaque-NO.3	39	M	24	1504801516	5472386.69
@FCD1RK8ACXX.3.Tbetan-macaque-NO.3	40	M	23	1569715369	7206236.80
@FCD1RK8ACXX.3.Tbetan-macaque-NO.3	41	M	23	505815345	1570463.48
@FCD1RK8ACXX.3.Tbetan-macaque-NO.3	45	I	37	1135808566	2444504.84
@FCD1RK8ACXX.3.Tbetan-macaque-NO.3	45	D	36	1135808566	2894539.98
@FCD1RK8ACXX.4.Tbetan-macaque-NO.3	6	M	7	2769531	552586.90
@FCD1RK8ACXX.4.Tbetan-macaque-NO.3	7	M	10	1728648	1398195.88
@FCD1RK8ACXX.4.Tbetan-macaque-NO.3	8	M	10	20228441	2015329.49
@FCD1RK8ACXX.4.Tbetan-macaque-NO.3	9	M	11	14320491	1730005.90
@FCD1RK8ACXX.4.Tbetan-macaque-NO.3	10	M	10	11667487	1136722.20
@FCD1RK8ACXX.4.Tbetan-macaque-NO.3	11	M	13	5046652	269737.04
@FCD1RK8ACXX.4.Tbetan-macaque-NO.3	12	M	16	3116795	72115.76
@FCD1RK8ACXX.4.Tbetan-macaque-NO.3	13	M	20	10281975	108716.99
@FCD1RK8ACXX.4.Tbetan-macaque-NO.3	14	M	17	4451139	86305.56
@FCD1RK8ACXX.4.Tbetan-macaque-NO.3	15	M	18	11138451	176280.85
@FCD1RK8ACXX.4.Tbetan-macaque-NO.3	16	M	17	1758231	215251.30
@FCD1RK8ACXX.4.Tbetan-macaque-NO.3	17	M	18	12720853	221899.65
@FCD1RK8ACXX.4.Tbetan-macaque-NO.3	18	M	18	1727712	387541.91
@FCD1RK8ACXX.4.Tbetan-macaque-NO.3	19	M	18	17247624	273601.01
@FCD1RK8ACXX.4.Tbetan-macaque-NO.3	20	M	23	7538231	93381.51
@FCD1RK8ACXX.4.Tbetan-macaque-NO.3	21	M	21	12218856	98345.93
@FCD1RK8ACXX.4.Tbetan-macaque-NO.3	22	M	22	24966277	143353.14
@FCD1RK8ACXX.4.Tbetan-macaque-NO.3	23	M	23	19184794	197592.94
@FCD1RK8ACXX.4.Tbetan-macaque-NO.3	24	M	22	45882375	303661.69
@FCD1RK8ACXX.4.Tbetan-macaque-NO.3	25	M	22	40009430	280942.77
@FCD1RK8ACXX.4.Tbetan-macaque-NO.3	26	M	23	80877537	402692.35
@FCD1RK8ACXX.4.Tbetan-macaque-NO.3	27	M	22	74867273	443023.56
@FCD1RK8ACXX.4.Tbetan-macaque-NO.3	28	M	24	64397895	284392.58
@FCD1RK8ACXX.4.Tbetan-macaque-NO.3	29	M	24	48079395	434191.08
@FCD1RK8ACXX.4.Tbetan-macaque-NO.3	30	M	24	165623215	722723.73
@FCD1RK8ACXX.4.Tbetan-macaque-NO.3	31	M	13	241312015	1175904.01
@FCD1RK8ACXX.4.Tbetan-macaque-NO.3	32	M	24	183426881	752208.93
@FCD1RK8ACXX.4.Tbetan-macaque-NO.3	33	M	24	280701946	128697.97
@FCD1RK8ACXX.4.Tbetan-macaque-NO.3	34	M	24	594975729	2578773.84
@FCD1RK8ACXX.4.Tbetan-macaque-NO.3	35	M	25	87446818	3116356.07
@FCD1RK8ACXX.4.Tbetan-macaque-NO.3	36	M	24	56246408	222663.48
@FCD1RK8ACXX.4.Tbetan-macaque-NO.3	37	M	24	95390727	362198.74
@FCD1RK8ACXX.4.Tbetan-macaque-NO.3	38	M	23	877216863	3741686.63
@FCD1RK8ACXX.4.Tbetan-macaque-NO.3	39	M	24	1318776547	5555052.99
@FCD1RK8ACXX.4.Tbetan-macaque-NO.3	40	M	23	158495650	7339550.50
@FCD1RK8ACXX.4.Tbetan-macaque-NO.3	41	M	23	326226081	16041583.27
@FCD1RK8ACXX.4.Tbetan-macaque-NO.3	45	I	37	1152895980	2473604.31
@FCD1RK8ACXX.4.Tbetan-macaque-NO.3	45	D	36	1152895980	2901844.82