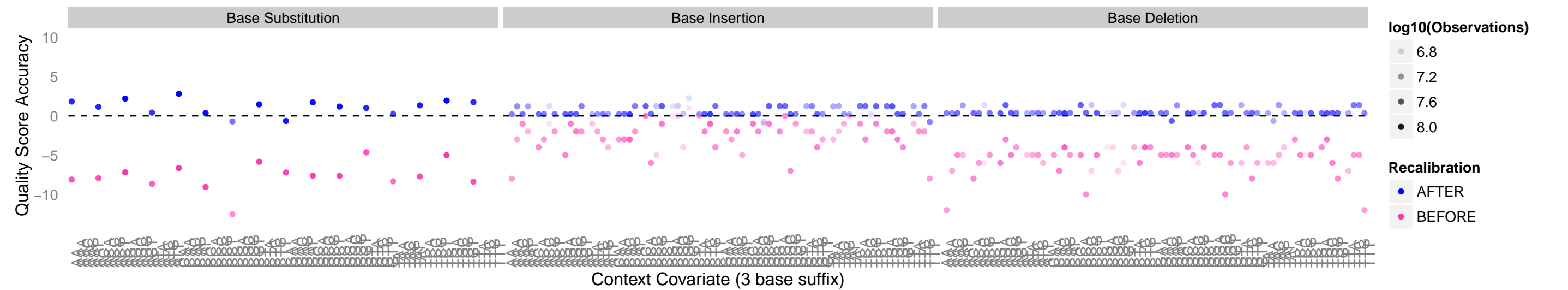
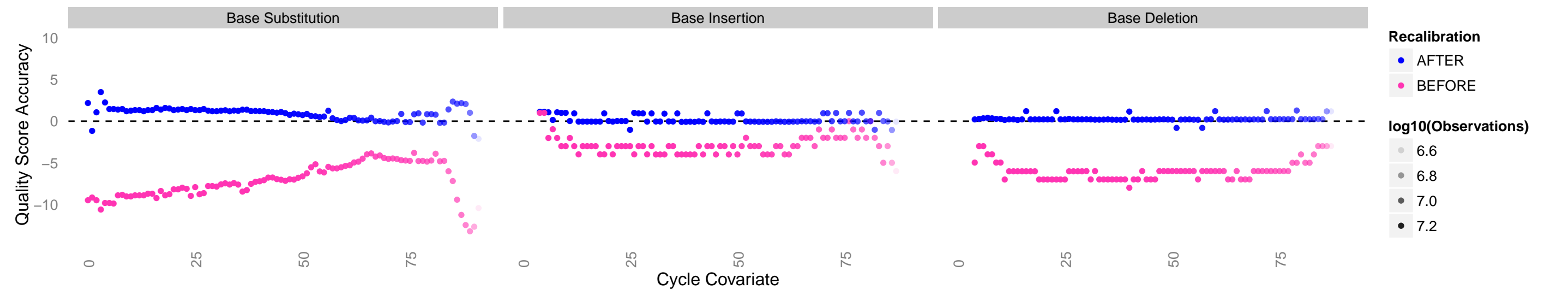
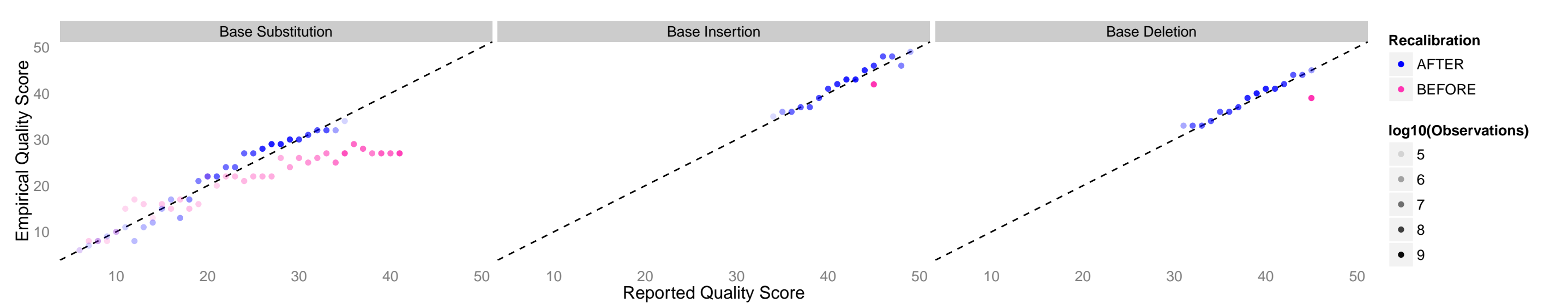
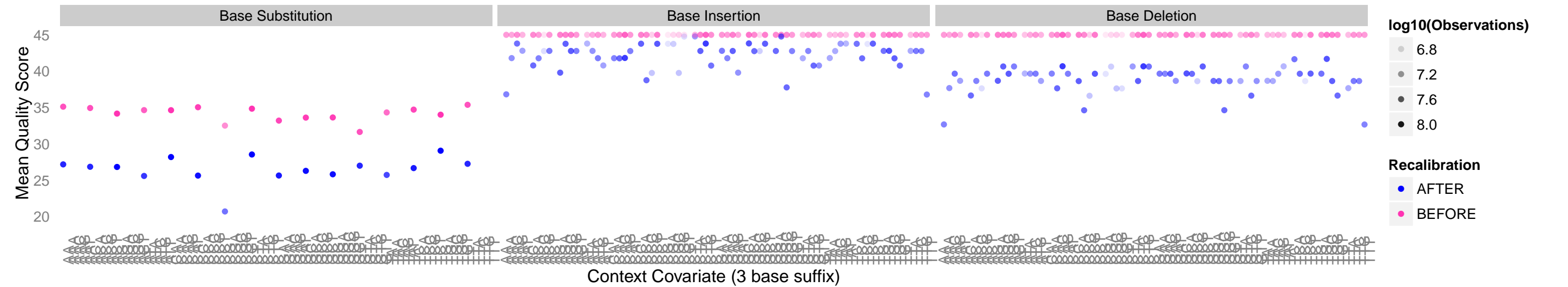
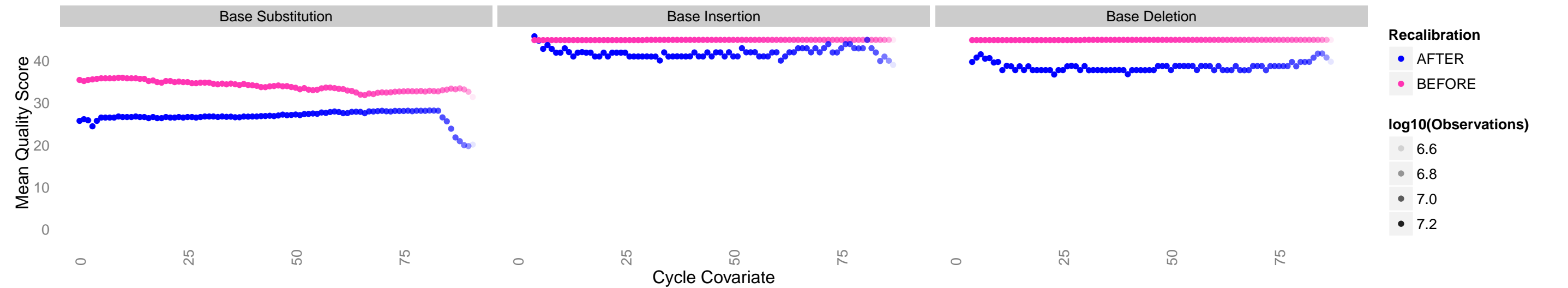
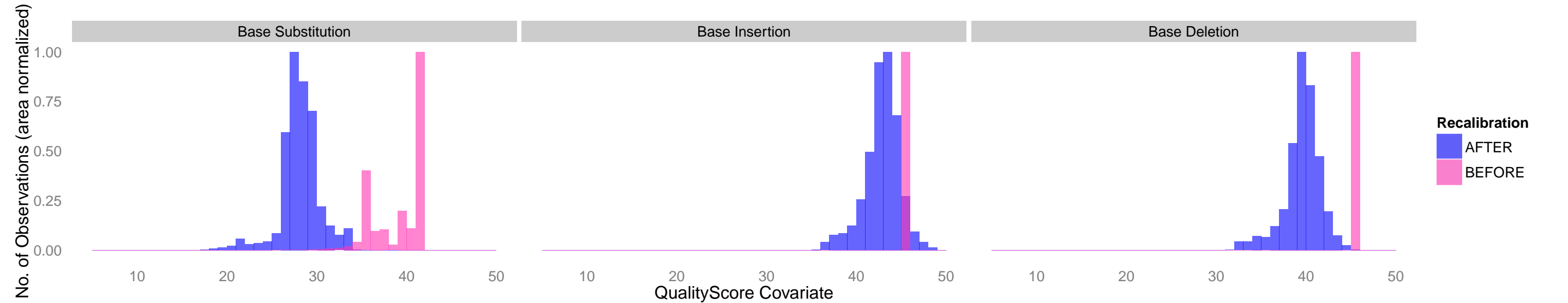


Argument	Value
binary_tag_name	None
covariate	ReadGroup,QualityScore,Context,Cycle
default_platform	None
deletions_default_quality	45
force_platform	None
indels_context_size	3
insertions_default_quality	45
low_quality_tail	2
maximum_cycle_value	500
mismatches_context_size	2
mismatches_default_quality	-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	UNIT1	UNIT1	UNIT1
EventType	M	I	D
EmpiricalQuality	27.0	42.0	39.0
EstimatedQReported	34.0	45.0	45.0
Observations	1.60e+09	1.60e+09	1.60e+09
Errors	3.48e+06	9.86e+04	2.01e+05

Error rates by event type and initial quality score

ReadGroup	QualityScore	EventType	EmpiricalQuality	Observations	Errors
UNIT1	6	M	6	72459	18134.78
UNIT1	7	M	8	375267	55080.39
UNIT1	8	M	8	404357	60375.55
UNIT1	9	M	8	202268	29683.08
UNIT1	10	M	10	283922	26716.37
UNIT1	11	M	15	207234	6344.27
UNIT1	12	M	17	264620	5578.07
UNIT1	13	M	16	335699	7824.00
UNIT1	14	M	13	116211	5631.96
UNIT1	15	M	16	498334	12535.66
UNIT1	16	M	15	428201	12995.38
UNIT1	17	M	17	568957	11462.41
UNIT1	18	M	15	692299	19643.30
UNIT1	19	M	16	408904	9429.66
UNIT1	20	M	22	836150	4727.35
UNIT1	21	M	20	328274	3263.23
UNIT1	22	M	22	622585	4046.75
UNIT1	23	M	22	953855	6383.57
UNIT1	24	M	21	1158703	8852.08
UNIT1	25	M	22	1584974	10959.81
UNIT1	26	M	22	2098217	12169.57
UNIT1	27	M	22	2069191	12230.77
UNIT1	28	M	26	1724256	4900.19
UNIT1	29	M	24	3532638	13118.58
UNIT1	30	M	26	5548331	14122.34
UNIT1	31	M	25	6803804	20702.87
UNIT1	32	M	26	8344835	21928.95
UNIT1	33	M	27	15058571	32321.59
UNIT1	34	M	25	32580612	96605.82
UNIT1	35	M	27	311985243	667443.67
UNIT1	36	M	29	76520183	96962.26
UNIT1	37	M	28	81973679	121353.08
UNIT1	38	M	27	21380583	46392.59
UNIT1	39	M	27	155503861	307681.48
UNIT1	40	M	27	86971231	161728.77
UNIT1	41	M	27	777026089	1533091.34
UNIT1	45	I	42	1599464597	98575.14
UNIT1	45	D	39	1599464597	200743.38