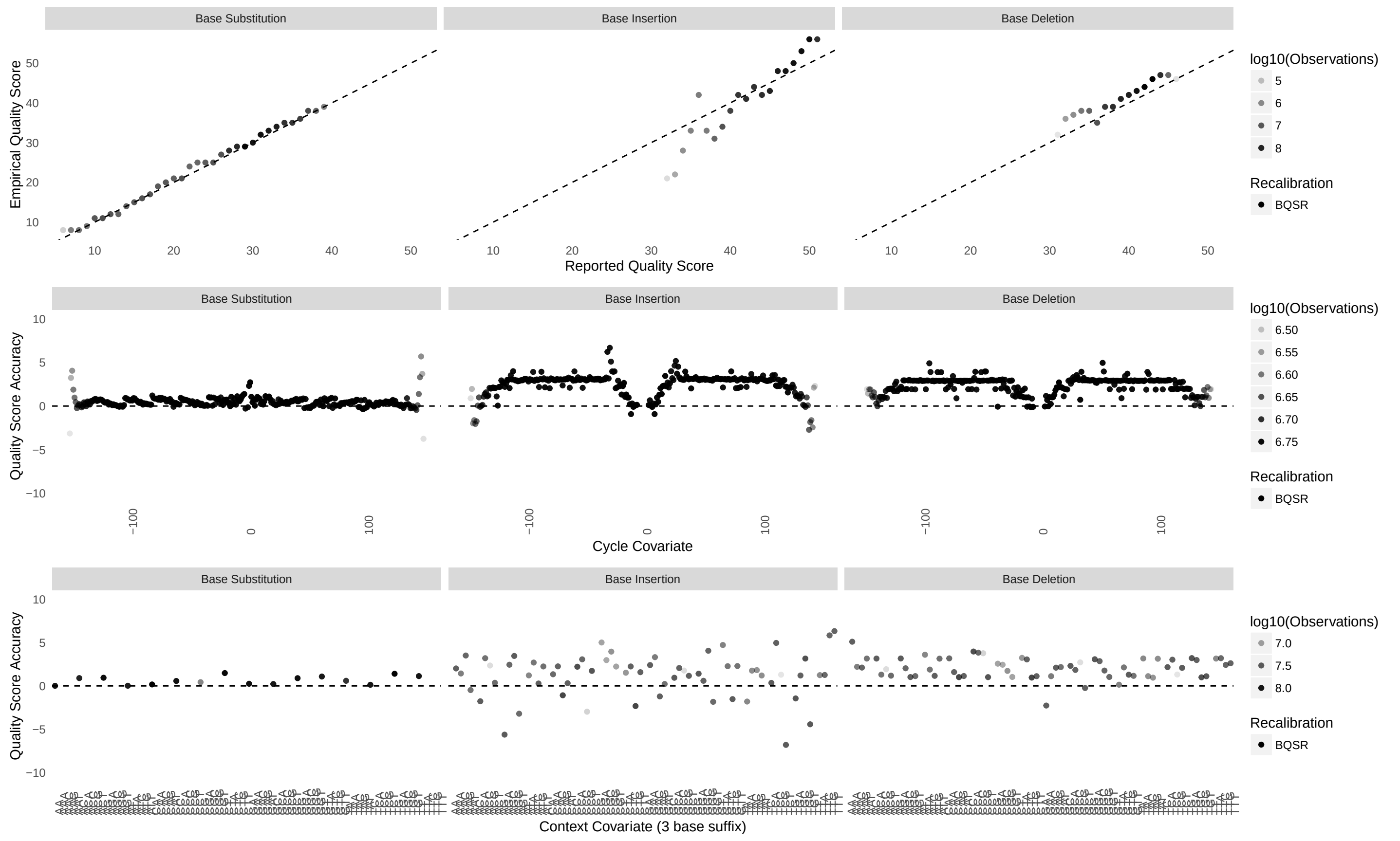
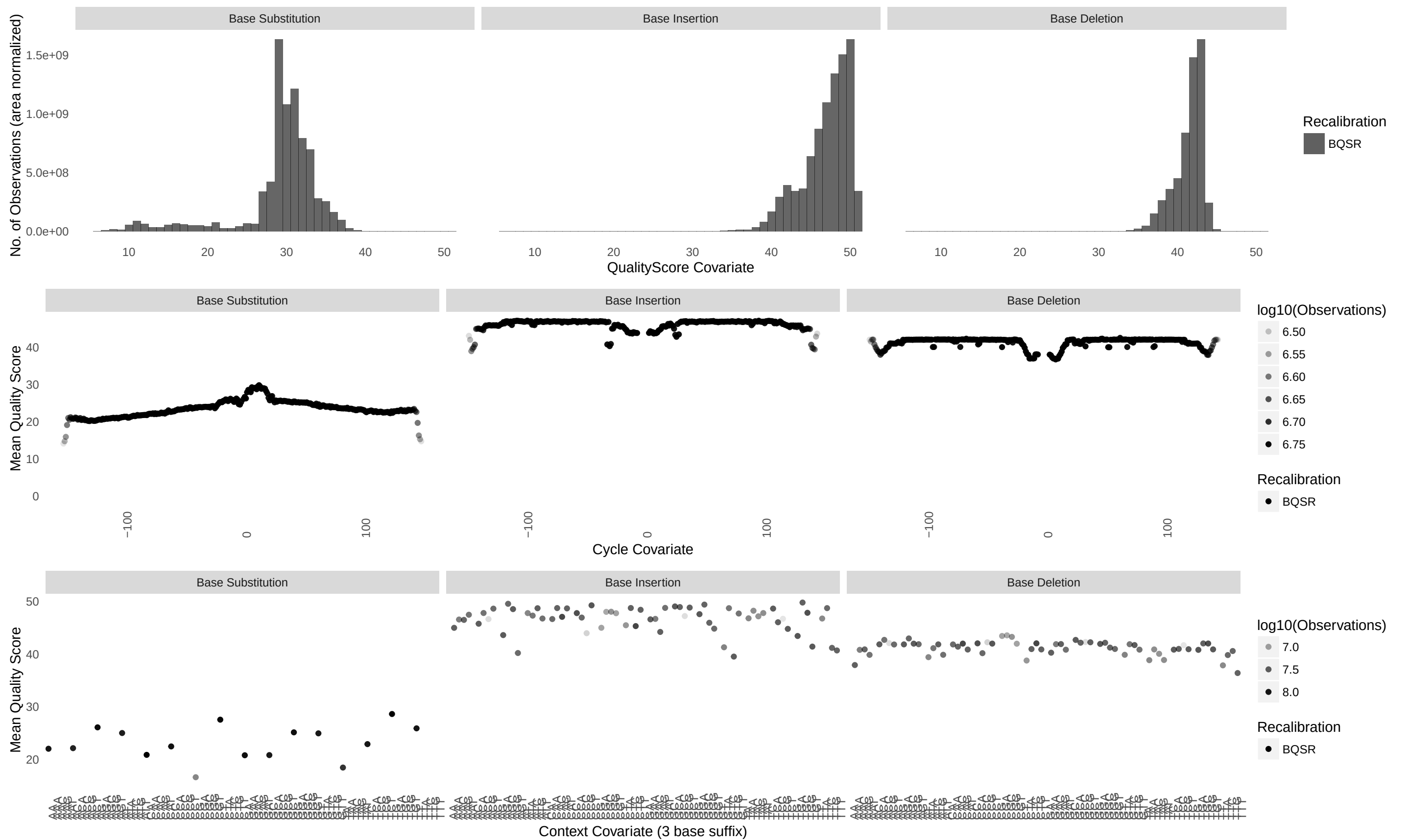


Argument	Value
binary_tag_name	None
covariate	ReadGroup,QualityScore,Context,Cycle
default_platform	None
deletions_default_quality	45
force_platform	None
indels_context_size	3
insertions_default_quality	45
low_quality_tail	2
maximum_cycle_value	500
mismatches_context_size	2
mismatches_default_quality	-1
no_standard_covs	false
quantizing_levels	16
recalibration_report	None
run_without_dbsnp	false
solid_nocall_strategy	THROW_EXCEPTION
solid_recal_mode	SET_Q_ZERO





Overall error rates by event type

ReadGroup	PU_AHC333	PU_AHC333	PU_AHC333
EventType	M	I	D
EmpiricalQuality	23.0	45.0	43.0
EstimatedQReported	22.8	45.7	41.0
Observations	1.63e+09	1.63e+09	1.63e+09
Errors	7.81e+06	5.16e+04	8.16e+04

Error rates by event type and initial quality score

ReadGroup	QualityScore	EventType	EmpiricalQuality	Observations	Errors
PU_AHC333	6	M	8	68006	9690.05
PU_AHC333	7	M	8	2263111	346346.45
PU_AHC333	8	M	8	3467239	502483.59
PU_AHC333	9	M	9	3019441	373695.45
PU_AHC333	10	M	11	11335462	977965.21
PU_AHC333	11	M	11	18427843	1323196.92
PU_AHC333	12	M	12	13208525	831371.91
PU_AHC333	13	M	12	7484155	435671.94
PU_AHC333	14	M	14	7332660	319949.12
PU_AHC333	15	M	15	11371408	376678.18
PU_AHC333	16	M	16	13884310	316257.41
PU_AHC333	17	M	17	12576893	239288.29
PU_AHC333	18	M	19	10358336	121921.49
PU_AHC333	19	M	20	10783509	99970.48
PU_AHC333	20	M	21	8715962	73325.08
PU_AHC333	21	M	21	16124564	124909.62
PU_AHC333	22	M	24	5742074	23797.57
PU_AHC333	23	M	25	5740647	19134.26
PU_AHC333	24	M	25	9280746	32165.25
PU_AHC333	25	M	25	14031973	40360.60
PU_AHC333	26	M	27	13293240	29210.91
PU_AHC333	27	M	28	69044494	114814.87
PU_AHC333	28	M	29	86147722	117262.84
PU_AHC333	29	M	29	333241275	409866.09
PU_AHC333	30	M	30	220937980	199897.13
PU_AHC333	31	M	32	247548402	150637.46
PU_AHC333	31	D	32	25530	5.00
PU_AHC333	32	M	33	161809876	90085.86
PU_AHC333	32	I	21	40423	522.37
PU_AHC333	32	D	36	562238	94.65
PU_AHC333	33	M	34	142318754	59196.30
PU_AHC333	33	I	22	363582	2431.38
PU_AHC333	33	D	37	1158572	162.05
PU_AHC333	34	M	35	57528794	20050.84
PU_AHC333	34	I	28	1034593	1591.35
PU_AHC333	34	D	38	3135498	423.13
PU_AHC333	35	M	35	52568566	15046.50
PU_AHC333	35	I	33	1999498	1015.05
PU_AHC333	35	D	38	6650863	949.11
PU_AHC333	36	M	36	33951869	8011.84
PU_AHC333	36	I	42	2264413	54.00
PU_AHC333	36	D	35	14389037	4271.74
PU_AHC333	37	M	38	20180575	3124.74
PU_AHC333	37	I	33	2358539	1153.52
PU_AHC333	37	D	39	44501292	5634.88
PU_AHC333	38	M	38	5748573	932.90
PU_AHC333	38	I	31	6168320	4589.43
PU_AHC333	38	D	39	77802258	9286.99
PU_AHC333	39	M	39	1781677	243.00
PU_AHC333	39	I	34	14606220	5615.44
PU_AHC333	39	D	41	105827147	8081.35
PU_AHC333	40	I	38	29742178	4313.14
PU_AHC333	40	D	42	133785250	8700.87
PU_AHC333	41	I	42	52391581	3477.02
PU_AHC333	41	D	43	247586214	13191.98
PU_AHC333	42	I	41	70198216	5056.06
PU_AHC333	42	D	44	436364467	15774.48
PU_AHC333	43	I	44	61098724	2450.09
PU_AHC333	43	D	46	481677846	13354.48
PU_AHC333	44	I	42	64710327	3937.87
PU_AHC333	44	D	47	72173615	1560.35
PU_AHC333	45	I	43	113716689	5665.21
PU_AHC333	45	D	47	5647979	66.32
PU_AHC333	46	I	48	155509803	2237.74
PU_AHC333	46	D	46	30855	0.00
PU_AHC333	47	I	48	195359157	2968.76
PU_AHC333	48	I	50	239359430	2598.86
PU_AHC333	49	I	53	268472558	1205.50
PU_AHC333	50	I	56	290965949	590.64
PU_AHC333	51	I	56	60958461	92.13