

The Coriell sample NA18507 was prepared using a modified version of the TruSeq DNA sample prep protocol and sequenced at 40X depth in "rapid" run" mode. It yielded >80% reads above QS9, for an output of ~135Gb. Bcl files generated by the HiSeq 2500 were convented to fastisy and aligned against human reference build hg19; BAM and variant calls were generated using CASAVAY L2 and produced >65% dbSNP concordance. A few additional secondary build metrics:

Build depth	39.8x
Total SNPs	4,529,962
Heterozygous:Homozygous ratio	1.82
Transition: Transversion ratio	2.03
Matching position in dbSNP132	95.03
Coverage of reference genome**	98.12
Omni1M genotype coverage	99.71

In keeping with our rapid deployment ethos, this week the results of this first

Uncategorized

