

Sequence aligner	HISAT-3N	HISAT2
Runtime	567 seconds	95 seconds
Alignment rate	99.88%	99.84%
Unique alignment rate	96.04%	96.29%
Alignment accuracy	98.52%	98.41%
Alignment accuracy (unique)	95.40%	95.83%
Alignment precision	98.64%	98.57%
Alignment sensitivity	99.88%	99.84%

Supplemental table 1. Performance comparison for HISAT-3N and HISAT2 on 10 million simulated 100-bp paired-end DNA reads with 0.2% error rate.