

Sequence aligner	HISAT-3N	HISAT2
Runtime	499 seconds	76 seconds
Alignment rate	99.89%	99.86%
Unique alignment rate	96.29%	97.14%
Alignment accuracy	99.67%	99.56%
Alignment accuracy (unique)	96.23%	97.05%
Alignment precision	99.78%	99.76%
Alignment sensitivity	99.89%	99.92%

Supplemental table 2. Performance comparison for HISAT-3N and HISAT2 on 10 million simulated 100-bp paired-end RNA reads with 0.2% error rate.