







表 2: TruSight One Sequencing Panel 的性能表现<sup>a</sup>

Sequencing Kit	Reads Passing Filter (M)	Read Length (bp)	Output (Gb)	Samples per Run	% Targets Covered at 12x Minimum	% Targets Covered at 20x Minimum
MiniSeq Reagent Kit	22–25	2 × 150	7.5	3	97	95
MiSeq Reagent Kit v3	22–25	2 × 150	7.5	3	97	95
NextSeq Mid Output Kit	132	2 × 150	40	12	98	97
HiSeq Rapid Run Mode (single flow cell)	up to 300	2 × 150	90	36	97	95
HiSeq Rapid Run Mode (dual flow cell)	up to 600	2 × 150	180	72	97	95

a. Performance is reported for samples with > 50% enrichment. For the MiSeq system, this targets 1,200–1,400 K/mm<sup>2</sup> raw read density.

## 结语

TruSight One Sequencing Panel，辅以附带的 VariantStudio 数据分析软件，带来的是一个无缝的流程。利用这一全面的组合，实验室可快速对 4,800 多个与临床表型相关的基因进行测序。然后，通过 VariantStudio 筛选数据可创建子组合，满足客户需求，并推动科学认识的进展。

## 了解更多

如欲获得 TruSight One Sequencing Panel 的更多信息，请访问 [www.illumina.com/trusightone](http://www.illumina.com/trusightone)。

## 订购信息

Product	Catalog No.	TG Catalog No. <sup>a</sup>
TruSight One Sequencing Panel (9 samples)	FC-141-1006	TG-141-1006
TruSight One Sequencing Panel (36 samples)	FC-141-1007	TG-141-1007

a. TG-labeled consumables include features intended to help customers reduce the frequency of revalidation. They are available only under supply agreement and require customers to provide a binding forecast. Contact your account manager for more information.

## 参考文献

1. HGMD® Human Gene Mutation Database. [www.hgmd.cf.ac.uk/ac/index.php](http://www.hgmd.cf.ac.uk/ac/index.php). Accessed December 27, 2015.
2. OMIM - Online Mendelian Inheritance in Man. [www.omim.org](http://www.omim.org). Accessed December 27, 2015.
3. GeneTests. [www.genetests.org](http://www.genetests.org). Accessed December 27, 2015.
4. TruSight Sequencing Panels. Illumina. [www.illumina.com/products/trusight-panels.html](http://www.illumina.com/products/trusight-panels.html). Accessed December 27, 2015.
5. Illumina. Optimizing coverage for targeted resequencing technical note. [www.illumina.com/documents/products/technotes/technote\\_optimizing\\_coverage\\_for\\_targeted\\_resequencing.pdf](http://www.illumina.com/documents/products/technotes/technote_optimizing_coverage_for_targeted_resequencing.pdf). Accessed December 27, 2015.
6. Bainbridge MN, Wang M, Wu YQ, et al. Targeted enrichment beyond the consensus coding DNA sequence exome reveals higher variant densities. *Genome Biol.* 2011; 12: R68.

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