illumina

Make room for more **discoveries**

Higher-quality, lower-cost multiomics on the NovaSeq[™] X Series and 25B flow cell¹



Here is what 16 billion MORE reads means for your research:



Multiomics at a lower cost than one "ome" alone: sequencing both whole exomes and whole transcriptomes on the NovaSeq X Series 25B flow cell is **more cost effective** than running whole-exome sequencing alone on previous platforms.

Be confident in your results with:

Fewer batch effects



Better variant calling



Higher statistical significance

Enable many diverse projects using 8 individually addressable lanes



Multiomics made more accessible on the NovaSeq X Series



3× higher accuracy with XLEAP-SBS[™] chemistry¹



~2× faster¹

SP

2.5× more flow cells stored in the same refrigerator space¹

Onboard DRAGEN[™] bioinformatics at **no additional cost**¹

illumina

1.800.809.4566 toll-free (US) | +1.858.202.4566 tel techsupport@illumina.com © 2024 Illumina, Inc. All rights reserved. All trademarks are the property of Illumina, Inc. or their respective owners. For specific trademark information, see www.illumina.com/company/legal.html.



Learn more about the methods made easier, faster, and more affordable on the NovaSeq X Series

Click here to download the new NovaSeq X eBook

1. Compared to S4 flow cell on NovaSeq 6000 System. WGTS on NovaSeq X Series assumes 7 lanes loaded with WGS libraries, 1 lane loaded with matched WTS libraries, 1 lane loaded with matched WTS libraries. 2. Whole-genome bisulfite sequencing assumes 500M reads per sample. 3. Assumes 50M reads per sample. 4. Assumes 25M reads per sample. 5. Assay for transposase-accessible chromatin assumes 50M reads per sample. 6. Assumes 10K cells per sample, 10K reads per cell, 100 reads per antibody derived tag. 7. Assumes 10K cells per sample, 25K reads per cell for scATAC-Seq, 20K reads per cell for scRNA-Seq. 8. Assumes 50M reads per sample. 9. Not guaranteed, actual sample number and read depth requirement may vary.