

Resource Summary Report

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BGISEQ-500 Sequencing

DOI:10.17504/protocols.io.pq7dmzn

Type: Protocol

Proper Citation

Jie Huang, Xinming Liang, Yuankai Xuan, Chunyu Geng, Yuxiang Li, Haorong Lu, Shoufang Qu, Xianglin Mei, Hongbo Chen, Ting Yu, Nan Sun, Junhua Rao, Jiahao Wang, Wenwei Zhang, Ying Chen, Sha Liao, Hui Jiang, Xin Liu, Zhaopeng Yang, Feng Mu, Shangxian Gao 2018. BGISEQ-500 Sequencing. protocols.io
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Protocol Information

URL: <https://dx.doi.org/10.17504/protocols.io.pq7dmzn>

Authors: Jie Huang, Xinming Liang, Yuankai Xuan, Chunyu Geng, Yuxiang Li, Haorong Lu, Shoufang Qu, Xianglin Mei, Hongbo Chen, Ting Yu, Nan Sun, Junhua Rao, Jiahao Wang, Wenwei Zhang, Ying Chen, Sha Liao, Hui Jiang, Xin Liu, Zhaopeng Yang, Feng Mu, Shangxian Gao

Group: GigaScience Press, BGI, GIGA, GigaScience Press

Summary: BGISEQ-500 is a new desktop sequencer developed by BGI. Using DNA nanoball and combinational probe anchor synthesis developed from Complete Genomics™ sequencing technologies, it generates short reads at a large scale.

Associated Publications: Huang J, Liang X, Xuan Y, Geng C, Li Y, Lu H, Qu S, Mei X, Chen H, Yu T, Sun N, Rao J, Wang J, Zhang W, Chen Y, Liao S, Jiang H, Liu X, Yang Z, Mu F, Gao S, Erratum to: A reference human genome dataset of the BGISEQ-500 sequencer. GigaScience 7(12). doi: [10.1093/gigascience/giy144](https://doi.org/10.1093/gigascience/giy144)

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