

Resource Summary Report

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CUT&Tag Data Processing and Analysis Tutorial

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Type: Protocol

Proper Citation

Ye Zheng, Kami Ahmad, Steven Henikoff 2020. CUT&Tag Data Processing and Analysis Tutorial. protocols.io dx.doi.org/10.17504/protocols.io.bjk2kkye

Protocol Information

URL: <https://dx.doi.org/10.17504/protocols.io.bjk2kkye>

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Summary: This tutorial is designed for processing and analyzing CUT&Tag data following the Benchtop CUT&Tag V.3 protocol. The illustration data used in this tutorial is the profiling of histone modifications in the human lymphoma K562 cell line, but the tutorial is generally applicable to any chromatin protein, including transcription factors, RNA polymerase II, and epitope-tagged proteins. For reproducible analysis, this tutorial is also available on GitHub at https://yezhengstat.github.io/CUTTag_tutorial/.

Associated Publications: Henikoff S, Henikoff JG, Kaya-Okur HS, Ahmad K, Efficient chromatin accessibility mapping in situ by nucleosome-tethered tagmentation. eLife doi: [10.7554/eLife.63274](https://doi.org/10.7554/eLife.63274)

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