

Resource Summary Report

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3XFlag-pATn5 Protein Purification and MEDS-loading (5x scale, 2L volume)

DOI:10.17504/protocols.io.8yrhvxv6

Type: Protocol

Proper Citation

Terri Bryson, Steven Henikoff 2019. 3XFlag-pATn5 Protein Purification and MEDS-loading (5x scale, 2L volume). protocols.io dx.doi.org/10.17504/protocols.io.8yrhvxv6

Protocol Information

URL: <https://dx.doi.org/10.17504/protocols.io.8yrhvxv6>

Authors: Terri Bryson, Steven Henikoff

Summary: Here we describe the method used to purify and load pATn5 for CUT&Tag, <https://www.protocols.io/view/bench-top-cut-amp-tag-z6hf9b6/abstract>. This protocol was modeled after that in Picelli et al (Picelli et al., 2014) using the pTXB1-rbs_3XFlag-pATn5-FL plasmid available from Addgene: <https://www.addgene.org/124601/>. It yields, as written, used at 1:200 dilution in CUT&Tag reactions, and for future use, both of which should be stored at -20C and can easily be scaled down.

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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External URL: <https://www.nature.com/articles/s41467-019-09982-5>

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