

Mass spectrometry

MS-based protein footprinting publications

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Mass spectrometry-based protein footprinting defines the binding pocket of crotonylated H3K14 in the PHD1 domain of BAF45D within the BAF chromatin remodeling complex

Marissa R. Martinez, Janna Kiselar, Benlian Wang, Dipti Sadalge, Laura Zawadzke, Asad Taherbhoy, Derek Musser, Yunji Davenport, Jeremy Setser, Mark R. Chance, and Steve Bellon

ACS Bio & Med Chem Au

<https://pubs.acs.org/doi/10.1021/acsbioimedchemau.4c00009>

Evaluating mass spectrometry-based hydroxyl radical protein footprinting of a benchtop flash oxidation system against a synchrotron x-ray beamline

Rohit Jain, Nanak S. Dhillon, Vijaya Lakshmi Kanchustambham, David T. Lodowski, Erik R. Farquhar, Janna Kiselar, and Mark R. Chance

J Am Soc Mass Spectrom. 2024 Mar 6;35(3):476-486

<https://pubs.acs.org/doi/10.1021/jasms.3c00368>

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