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FOR THE MEDIA

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Cell Type Specific Labeling with Amino Acid Precursors (2013)

Chris Sander, PhD

Start Year

2007

End Year

2013

Education

University of Utah

Publications

[Gauthier NP, Reznik E, Gao J, Sumer SO, Schultz N, Sander C, Miller ML. \(2016\) MutationAligner: a resource of recurrent mutation hotspots in protein domains in cancer. *Nucleic Acids Res.*, 44, D986-91. PMID: PMC4702822.](#)

[Miller ML, Reznik E, Gauthier NP, Aksoy BA, Korkut A, Gao J, Ciriello G, Schultz N, Sander C. \(2015\) Pan-Cancer Analysis of Mutation Hotspots in Protein Domains. *Cell Syst.*, 1, 197-209.](#)

[Liu Y, Raheja R, Yeh N, Ciznadija D, Pedraza A, Ozawa T, Hukkelhoven E, Erdjument-Bromage H, Tempst P, Gauthier N, Brennan C, Hollan E, Koff A. \(2014\) TRIM3, a tumor suppressor linked to regulation of p21 \(Waf1/Cip1.\). *Oncogene*, 33, 308-315.](#)

[Gauthier N, Soufi B, Walkowicz W, Pedicord V, Mavrakis K, Macek B, Gin D, Sander C, Miller M. \(2013\) Cell-selective labeling using amino acid precursors for proteomic studies of multicellular environment. *Nat Methods*, 10, 768-773.](#)

[Molinelli E, Korkut A, Wang W, Miller M, Gauthier N, Jing X, Kaushik P, He Q, Mills G, Solit D, Pratilas C, Weigt M, Braunstein A, Pagnani A, Zecchina R, Sander C. \(2013\) Perturbation biology: inferring signaling networks in cellular systems. *PLoS Comput Biol*, 9, 1-23.](#)

[Gauthier N, Jensen L, Wernersson R, Brunak S, Jensen T. \(2010\) Cyclebase.org: version 2.0, an updated comprehensive, multi-species repository of cell cycle experiments and derived analysis results. *Nucleic Acids Res.*, 38, D669-D702.](#)

[Gauthier NP, Larsen ME, Wernersson R, de Lichtenberg U, Jensen LJ, Brunak S, Jensen TS. \(2008\) Cyclebase.org—a comprehensive multi-organism online database of cell-cycle experiments. *Nucleic Acids Res.*, 36, D854-9.](#)

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