



## Gabriella Estevam

Postdoctoral Scholar, Genetics

### Bio

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#### PROFESSIONAL EDUCATION

- Ph.D., University of California, San Francisco , Biochemistry and Molecular Biology (2023)
- B.S., University of California, Santa Cruz , Biochemistry and Molecular Biology (2017)

#### STANFORD ADVISORS

- David Cox, Postdoctoral Faculty Sponsor

#### LINKS

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### Publications

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#### PUBLICATIONS

- **Mapping kinase domain resistance mechanisms for the MET receptor tyrosine kinase via deep mutational scanning.** *eLife*  
Estevam, G. O., Linossi, E., Rao, J., Macdonald, C. B., Ravikumar, A., Chrispens, K. M., Capra, J. A., Coyote-Maestas, W., Pimentel, H., Collisson, E. A., Jura, N., Fraser, J. S.  
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- **Conserved regulatory motifs in the juxtamembrane domain and kinase N-lobe revealed through deep mutational scanning of the MET receptor tyrosine kinase domain.** *eLife*  
Estevam, G. O., Linossi, E. M., Macdonald, C. B., Espinoza, C. A., Michaud, J. M., Coyote-Maestas, W., Collisson, E. A., Jura, N., Fraser, J. S.  
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- **Customizing CRISPR-Cas PAM specificity with protein language models.** *Nature biotechnology*  
Nayfach, S., Bhatnagar, A., Novichkov, A., Kim, N., Hoffnagle, A. M., Hussain, R., Estevam, G. O., Hill, E., Ruffolo, J. A., Silverstein, R. A., Gallagher, J., Kleinstiver, B. P., Meeske, et al  
2026
- **Autoregulation of the MET receptor tyrosine kinase by its intracellular juxtamembrane domain.** *The Biochemical journal*  
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- **MET variants with activating N-lobe mutations identified in hereditary papillary renal cell carcinomas still require ligand stimulation.** *Molecular oncology*  
Guérin, C., Vinchent, A., Fernandes, M., Damour, I., Laratte, A., Tellier, R., Estevam, G. O., Meneboo, J. P., Villenet, C., Descarpentries, C., Fraser, J. S., Figeac, M., Cortot, et al  
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- **Rosace: a robust deep mutational scanning analysis framework employing position and mean-variance shrinkage.** *Genome biology*  
Rao, J., Xin, R., Macdonald, C., Howard, M. K., Estevam, G. O., Yee, S. W., Wang, M., Fraser, J. S., Coyote-Maestas, W., Pimentel, H.  
2024; 25 (1): 138
- **State of the structure address on MET receptor activation by HGF.** *Biochemical Society transactions*  
Linossi, E. M., Estevam, G. O., Oshima, M., Fraser, J. S., Collisson, E. A., Jura, N.  
2021; 49 (2): 645-661