Reproducible and efficient ancient genome reconstruction



James A. Fellows Yates^{1,2,*}, Thiseas C. Lamnidis¹, Maxime Borry¹, Aida Andrades Valtueña¹, Zandra Fagernäs¹, Stephen Clayton¹, Maxime U. Garcia^{3,4}, Judith Neukamm^{5,6}, Alexander Peltzer⁷

¹Department of Archaeogenetics, MPI for the Science of Human History, 💳 ² Institut für Vor- und Frühgeschichtliche Archäologie und Provinzialrömische Archäologie, LMU München, 3 National Genomics Infrastructure, Science for Life Laboratory, 🟣 ⁴Barntumörbanken, Department of Oncology-Pathology, Karolinska Institutet, 🟣 ⁵Institute of Evolutionary Medicine, University of Zurich, 🚨 6 Institute for Bioinformatics and Medical Informatics, Eberhard-Karls University Tübingen, lacksquare⁷Quantitative Biology Center, Eberhard-Karls University Tübingen 🚪

Motivation

Ancient DNA is now an established data source for many fields

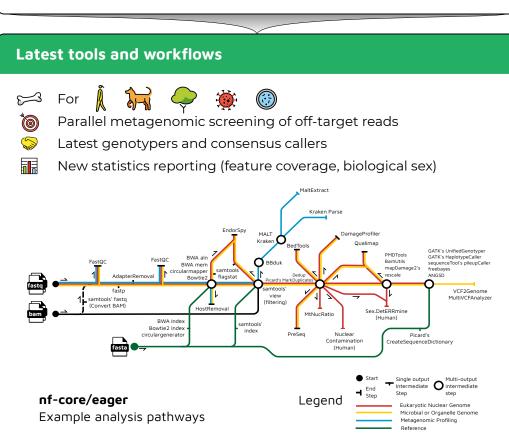


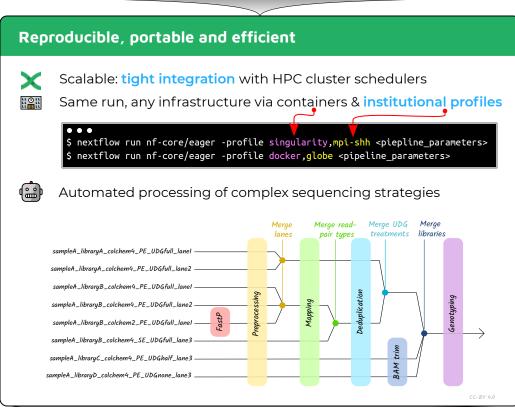
Previous pipelines do not scale to today's sample-sizes

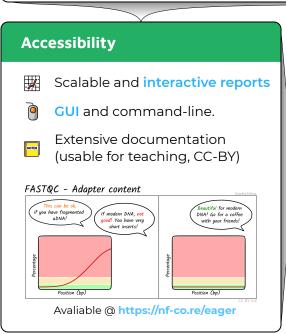


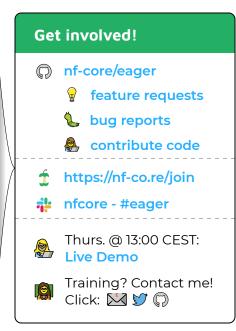
Previous pipelines do not include now-routine palaeogenomic

analyses or latest tools











Click on URLs!

Acknowledgements

Icons: openmoji.org (CC-BY-SA 4.0) **Publication**

Funding







