

The expansion of Late Acheulean hominins into the Arabian Peninsula

Eleanor M.L. Scerri^{1,2*}, Ceri Shipton^{3,4}, Laine Clark-Balzan⁵, Marine Frouin¹, Jean-Luc Schwenninger¹, , Huw S. Groucutt^{1,2}, Paul S. Breeze⁶, Ash Parton^{7,8}, James Blinkhorn^{1,9}, Nick A. Drake^{1,6}, Richard Jennings¹⁰, Patrick Cuthbertson¹, Abdulaziz Al Omari¹¹, Abdullah M. Alsharekh¹², Michael D. Petraglia^{1*}

¹ Department of Archaeology, Max Planck Institute for the Science of Human History, Jena, Germany.

² Research Laboratory for Archaeology and the History of Art, School of Archaeology, University of Oxford, 36 Beaumont Street, OX1 2PG, U.K.

³ Centre of Excellence for Australian Biodiversity and Heritage, Australian National University, Canberra, Australia.

⁴ British Institute in Eastern Africa, Nairobi, Kenya.

⁵ Department of Geosciences, Freiburg, Germany.

⁶ Department of Geography, Kings College London, U.K.

⁷ Human Origins and Palaeoenvironments Research Group, Department of Social Sciences, Oxford Brookes University, Headington Campus, Gypsy Lane, Oxford, OX3 0BP, U.K.

⁸ Mansfield College, University of Oxford, OX1 3TF, U.K.

⁹ Department of Archaeology, Classics and Egyptology, University of Liverpool, U.K.

¹⁰ School of Natural Sciences and Psychology, Liverpool John Moores University, James Parsons Building, Byrom Street, Liverpool, L3 3AF, U.K.

¹¹ Saudi Commission for Tourism and National Heritage, Riyadh, Saudi Arabia.

¹² Department of Archaeology, College of Archaeology and Tourism, King Saud University, Riyadh, Saudi Arabia.

Corresponding authors

*eleanor.scerri@rlaha.ox.ac.uk

*petraglia@shh.mpg.de

Supplementary Information

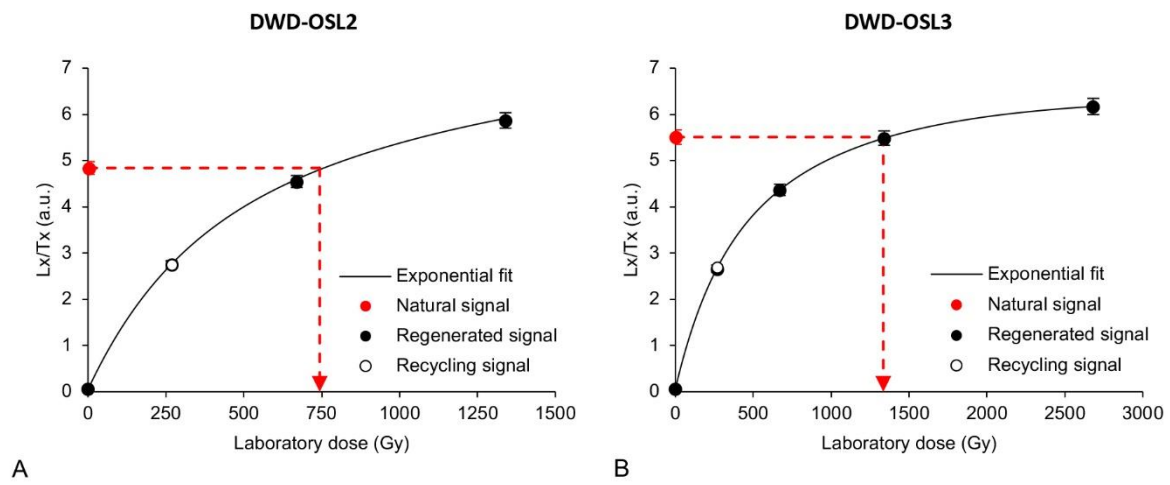


Figure S1: Typical feldspar pIRIR₂₉₀ growth curve.

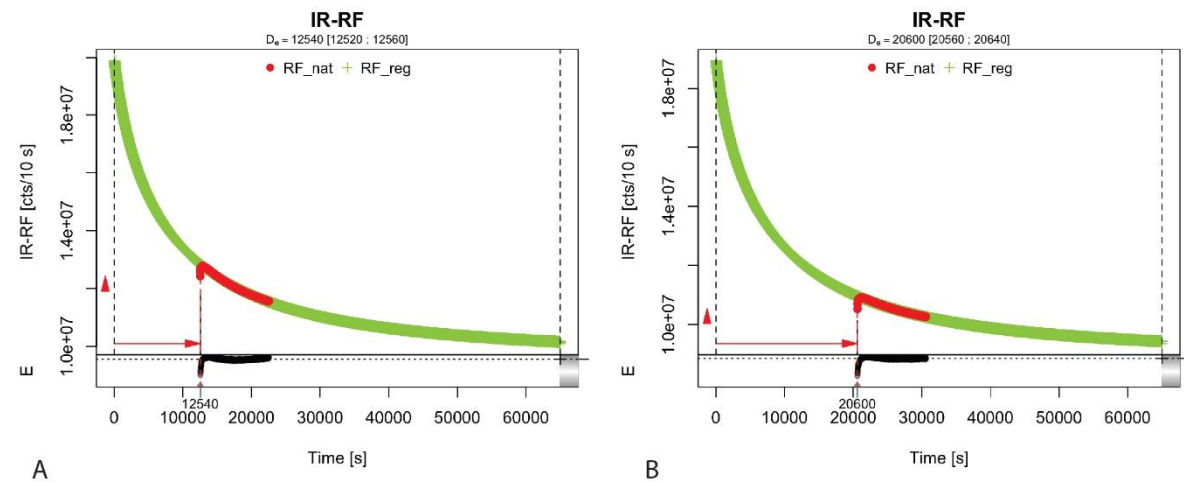


Figure S2: Results of the RF₇₀ measurements for the two samples.