

figure legend, data are shown as the mean  $\pm$  s.e.m. and the two-sided nonparametric Mann–Whitney test was used to assess statistical significance. Analysis was performed using GraphPad Prism.

**Data availability.** Whole-genome sequencing data have been deposited in the EMBL European Nucleotide Archive (ENA) under the accession code ERP009447. All other data are available upon reasonable request from the authors.

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