Vessel ID	Experiment	Short use description	Contents	Date started	Date ended	Active experimental duration	Number of use-episodes	Number of cleaning-episodes	Active fermentation in vessel	Process replicated	Mechanical action	Cleaning utensil
22	Baking on clay disc and cleaning	Eight bread-baking episodes, cleaned 5 times with an animal-hair brush	Bread	Wednesday, July 31, 2024	Friday, August 2, 2024	3 days	8	5	—	Baking and cleaning	Placed on stones and in the coals	Brush with animal hair
23	Baking on clay disc and cleaning	Eight bread-baking episodes, cleaned 5 times with a bundle of reeds	Bread	Wednesday, July 31, 2024	Friday, August 2, 2024	3 days	8	5	—	Baking and cleaning	Placed on stones and in the coals	a bundle of reeds
18	Dragging of clay disc	Two 30 minutes dragging on a dry soil surface, not cleaned	—	Wednesday, July 31, 2024	Thursday, August 1, 2024	2 × 30 min	2	0	—	Handling and wear during mechanical use	Dragging against surface	Not cleaned
A	Fermentation (burial reference)	1 raw-milk storage/souring episode over 71 days, not cleaned	Milk	Monday, September 23, 2024	Monday, December 2, 2024	71 days	1	0	Yes	Storage and processing	—	Not cleaned
B	Fermentation (burial reference)	1 vinegar storage episode over 71 days, not cleaned	Vinegar	Monday, September 23, 2024	Monday, December 2, 2024	71 days	1	0	No	Storage and processing	—	Not cleaned
C	Fermentation (burial reference)	1 beer fermentation episode over 71 days, not cleaned	Beer	Monday, September 23, 2024	Monday, December 2, 2024	71 days	1	0	Yes	Fermentation	—	Not cleaned
D	Fermentation (burial reference)	1 whey storage/processing episode over 71 days, not cleaned	Whey	Monday, September 23, 2024	Monday, December 2, 2024	71 days	1	0	Yes	Storage and processing	—	Not cleaned
E	Fermentation (burial reference)	1 mead fermentation episode over 71 days, not cleaned	Mead	Monday, September 23, 2024	Monday, December 2, 2024	71 days	1	0	Yes	Fermentation	—	Not cleaned
F	Fermentation (burial reference)	1 water-filling episodes over 71 days, not cleaned	Water	Monday, September 23, 2024	Monday, December 2, 2024	71 days	1	0	No	Storage	—	Not cleaned
47	Fermentation (burial reference)	1 kefir fermentation/storage episode over 71 days, not cleaned	Kefir	Monday, September 23, 2024	Monday, December 2, 2024	71 days	1	0	Yes	Fermentation	—	Not cleaned
6	Cleaning	2 mashing episodes with heated and boiled water and crushed grain, stirred with wooden spoon, cleaned with moss and sand	Water and crushed grain	Monday, July 29, 2024	Tuesday, July 30, 2024	2 days	2	2	—	Wet-mode cooking with repeated cleaning	Stirred with wooden spoon	Washed with moss and sand
7	Cleaning	3 mashing episodes with heated and boiled water and crushed grain, stirred with wooden spoon. Cleaned with wooden spatula and hot water	Water and crushed grain	Tuesday, July 30, 2024	Thursday, August 1, 2024	3 days	3	3	—	Wet-mode cooking with repeated cleaning	Stirred with wooden spoon	Cleaned with wooden scraber and hot water
33	Cleaning	1 mashing episode with heated and boiled water and crushed grain, stirred with wooden spoon, cleaned with a bundle of reeds	Water and crushed grain	Friday, August 2, 2024	Friday, August 2, 2024	1 day	1	1	—	Wet-mode cooking and cleaning	Stirred with wooden spoon	a bundle of reeds
49	Cleaning	1 mashing episode with heated and boiled water and crushed grain, stirred with wooden spoon, cleaned once with a bundle of reeds	Water and crushed grain	Monday, July 29, 2024	Monday, July 29, 2024	1 day	1	1	—	Wet-mode cooking and cleaning	Stirred with wooden spoon	a bundle of reeds
12	Wet-mode cooking and cleaning	20 porridge-cooking episodes with stirring, cleaned after each episode with sand, water and a wooden spatula	Porridge	Thursday, August 1, 2024	Friday, August 9, 2024	2 days	20	20	—	Cooking and cleaning	Stirred with wooden spoon	Sand, water and a wooden spatula
30	Wet-mode cooking and cleaning	30 porridge-cooking episodes with stirring, cleaned after each episode with sand, water and a wooden spatula	Porridge	Thursday, August 1, 2024	Friday, August 9, 2024	2 days	30	30	—	Cooking and cleaning	Stirred with wooden spoon	Sand, water and a wooden spatula
31	Wet-mode cooking and cleaning	10 porridge-cooking episodes with stirring, cleaned after each episode with sand, water and a wooden spatula	Porridge	Thursday, August 1, 2024	Friday, August 9, 2024	2 days	10	10	—	Cooking and cleaning	Stirred with wooden spoon	Sand, water and a wooden spatula
56	Cleaning	1 cleaning episode using hay	—	Tuesday, October 22, 2024	Tuesday, October 22, 2024	1 day	1	1	—	Cleaning	—	Hay

Table S3. Experimental timing, repetition and cleaning episodes.