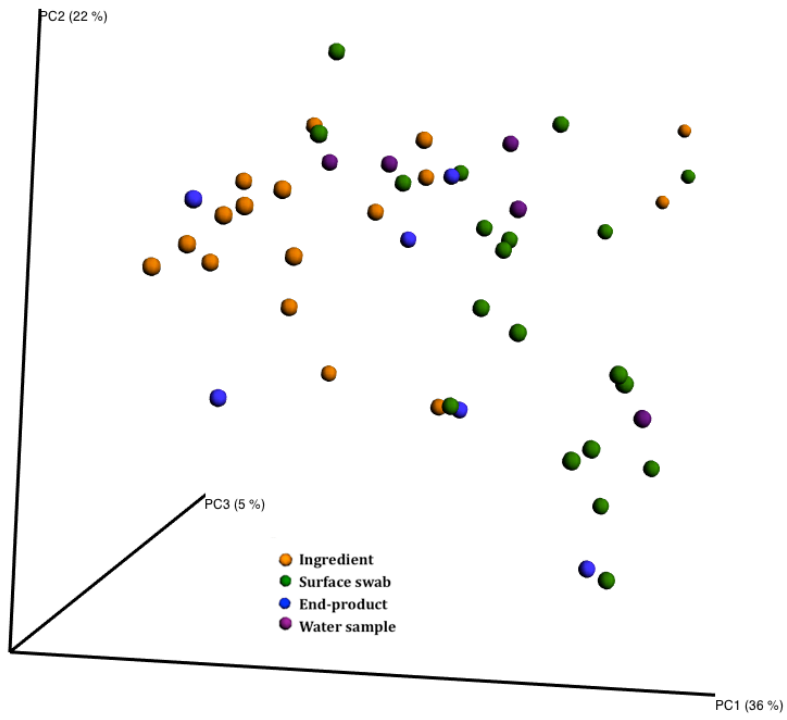


## Supplementary material

**Table S1**

Sample	OTUs	Chao1	Shannon	ESC	Sample	OTUs	Chao1	Shannon	ESC
EP.1	51	64.75	3.36	100%	Swab4	140	222.33	3.95	99%
EP.2	102	156.38	3.73	99%	Swab5	87	128.05	1.63	99%
EP.3	99	107.75	3.21	100%	Swab6	114	153.05	2.22	99%
EP.4	72	91.25	2.94	99%	Swab7	278	316.17	6.34	95%
EP.5	67	98.07	3.13	96%	Swab8	232	288.27	5.62	97%
EP.6	87	91.71	4.17	100%	Swab9	85	120.20	1.61	99%
I.1	46	79.00	4.09	92%	Swab10	281	377.18	4.79	99%
I.5	46	84.50	4.16	93%	Swab11	185	280.69	2.47	99%
I.8	51	77.25	4.17	95%	Swab12	193	240.84	4.98	98%
I.10	16	19.75	2.98	92%	Swab13	64	112.00	4.42	89%
I.11	19	34.00	2.77	89%	Swab14	207	268.92	3.53	99%
I.13	109	121.65	4.35	99%	Swab15	221	258.24	4.76	98%
I.17	72	107.00	5.14	86%	Swab16	260	315.12	4.94	99%
I.18	156	174.13	4.61	100%	Swab17	135	143.56	3.57	100%
I.20	42	46.50	1.93	100%	Swab18	170	215.04	4.87	99%
II.1	63	94.50	2.96	96%	Swab19	274	388.00	5.47	98%
II.2	121	150.75	3.17	99%	Swab20	124	176.11	2.67	99%
II.5	90	119.33	5.55	93%	Swab21	91	177.13	2.49	96%
II.9	79	117.15	4.85	93%	Water1	156	221.56	3.47	99%
II.10	8	29.00	2.85	30%	Water2	331	371.64	5.78	99%
II.11	35	42.20	1.36	100%	Water3	160	168.40	4.92	100%
II.14	40	49.75	1.76	99%	Water4	239	310.20	5.90	96%
II.18	78	92.53	2.67	100%	Water5	231	288.50	5.51	98%
Swab3	239	312.35	4.13	98%	Water6	299	312.68	5.79	99%



**Figure S1**

**Table S1**

Observed diversity and estimated sample coverage (Good's coverage) for 16S rRNA amplicons analyzed.

**Figure S1**

Principal Coordinates Analysis of Bray Curtis distances for the PICRUSt-obtained predicted metagenome data. Dots are color-coded as reported in the figure.