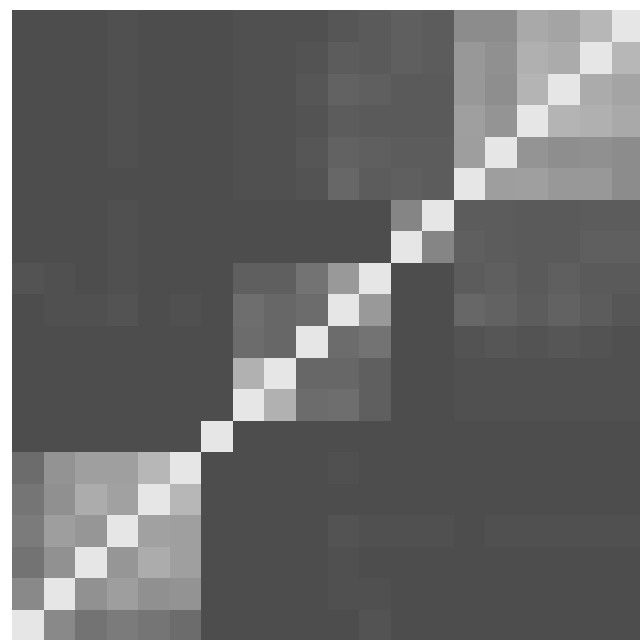
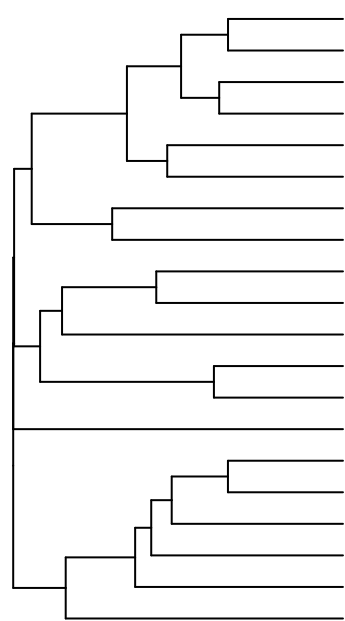
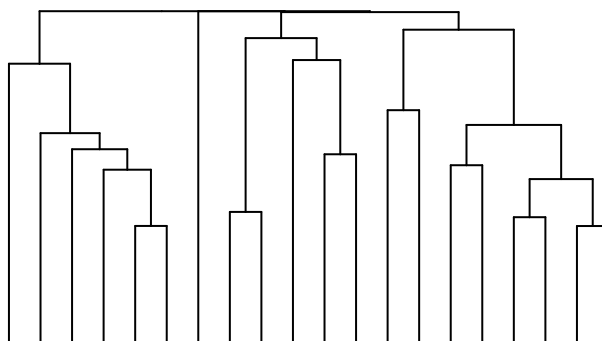
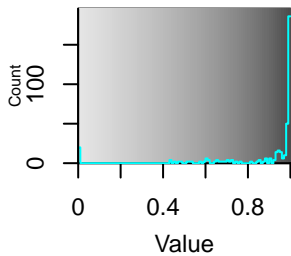


Supplementary Figure S4. Clustering of samples by pairwise beta-diversity.

- A. Grey-scale heatmap with dendrogram of sample clustering
- B. Red-scale heatmap with number of shared spacers indicated in each cell

Beta Diversity



- Etna 2
- Del Flaco 2
- Del Flaco 4
- Del Flaco 1
- Del Flaco 3
- Del Flaco 5
- Etna 1
- Uzon 3
- Uzon 1
- Uzon 4
- Uzon 5
- Uzon 2
- El Tatío 2
- El Tatío 1
- Vesuvius 4
- Vesuvius 3
- Vesuvius 5
- Vesuvius 6
- Vesuvius 1
- Vesuvius 2

- Vesuvius 2
- Vesuvius 1
- Vesuvius 6
- Vesuvius 5
- Vesuvius 3
- Vesuvius 4
- El Tatío 1
- El Tatío 2
- Uzon 2
- Uzon 5
- Uzon 4
- Uzon 1
- Uzon 3
- Etna 1
- Del Flaco 5
- Del Flaco 3
- Del Flaco 1
- Del Flaco 4
- Del Flaco 2
- Etna 2

4	7	3	19	7	3	1	23	21	26	39	66	79	74	387	366	915	712	853	1432	Vesuvius 2
3	5	1	17	4	1	1	23	21	25	59	58	77	68	425	343	911	721	1187	853	Vesuvius 1
3	3	0	26	2	2	1	30	38	43	87	86	60	57	467	360	1011	1365	721	712	Vesuvius 6
6	9	4	25	7	4	1	28	33	37	82	82	74	69	649	508	1872	1011	911	915	Vesuvius 5
4	4	1	14	3	2	0	25	22	28	54	53	40	45	347	674	508	360	343	366	Vesuvius 3
2	2	0	6	1	2	1	24	23	29	73	52	55	53	812	347	649	467	425	387	Vesuvius 4
4	2	3	12	2	2	0	5	3	2	4	2	154	587	53	45	69	57	68	74	El Tatio 1
2	1	2	10	2	1	0	4	4	2	2	2	439	154	55	40	74	60	77	79	El Tatio 2
16	12	5	15	5	5	0	78	89	113	205	552	2	2	52	53	82	86	58	66	Uzon 2
3	10	4	15	4	5	0	146	122	74	393	205	2	4	73	54	82	87	59	39	Uzon 5
1	0	0	4	0	0	0	147	144	606	74	113	2	2	29	28	37	43	25	26	Uzon 4
1	0	1	4	1	1	0	888	1559	144	122	89	4	3	23	22	33	38	21	21	Uzon 1
3	0	1	5	0	1	0	1359	888	147	146	78	4	5	24	25	28	30	23	23	Uzon 3
1	0	0	0	0	0	18	0	0	0	0	0	0	0	1	0	1	1	1	1	Etna 1
41	125	110	199	182	289	0	1	1	0	5	5	1	2	2	2	4	2	1	3	Del Flaco 5
49	115	126	197	270	182	0	0	1	0	4	5	2	2	1	3	7	2	4	7	Del Flaco 3
91	211	149	539	197	199	0	5	4	4	15	15	10	12	6	14	25	26	17	19	Del Flaco 1
39	99	173	149	126	110	0	1	1	0	4	5	2	3	0	1	4	0	1	3	Del Flaco 4
92	352	99	211	115	125	0	0	0	0	10	12	1	2	2	4	9	3	5	7	Del Flaco 2
226	92	39	91	49	41	1	3	1	1	3	16	2	4	2	4	6	3	3	4	Etna 2
Etna 2	Del Flaco 2	Del Flaco 4	Del Flaco 1	Del Flaco 3	Del Flaco 5	Etna 1	Uzon 3	Uzon 1	Uzon 4	Uzon 5	Uzon 2	El Tatio 2	El Tatio 1	Vesuvius 4	Vesuvius 3	Vesuvius 5	Vesuvius 6	Vesuvius 1	Vesuvius 2	