

Table S3. Richness and diversity of 16S rRNA bacterial genes and [Fe-Fe]-hydrogenase *hydA* genes in Prony hydrothermal springs, namely 'Bain des Japonais' (BdJ), 'Rivière des Kaoris' (RK) and 'Aiguille de Prony' (ST07). Suffixes 'C' and 'F' in site names stand respectively for chimney and fluid.

Samples	Genes	Sequences	OTUs	Coverage	Chao1	Shannon	Simpson
BDJC	16S rRNA	4360	323	0.926	326.3	4.0	0.640
BDJF	16S rRNA	4360	125	0.971	163.2	3.3	0.826
RKC	16S rRNA	4360	161	0.963	190.1	3.9	0.843
RKF	16S rRNA	3490	143	0.959	145.2	5.1	0.938
ST07	16S rRNA	3925	217	0.945	227.5	5.6	0.950
BDJC	<i>hydA</i>	52	10	0.808	15	1.45	0.369
BDJF	<i>hydA</i>	61	10	0.836	16	1.70	0.248
RKC	<i>hydA</i>	28	5	0.821	5	1.24	0.357
RKF	<i>hydA</i>	26	2	0.923	2	0.17	0.92
ST07	<i>hydA</i>	14	5	0.643	5	1.25	0.330