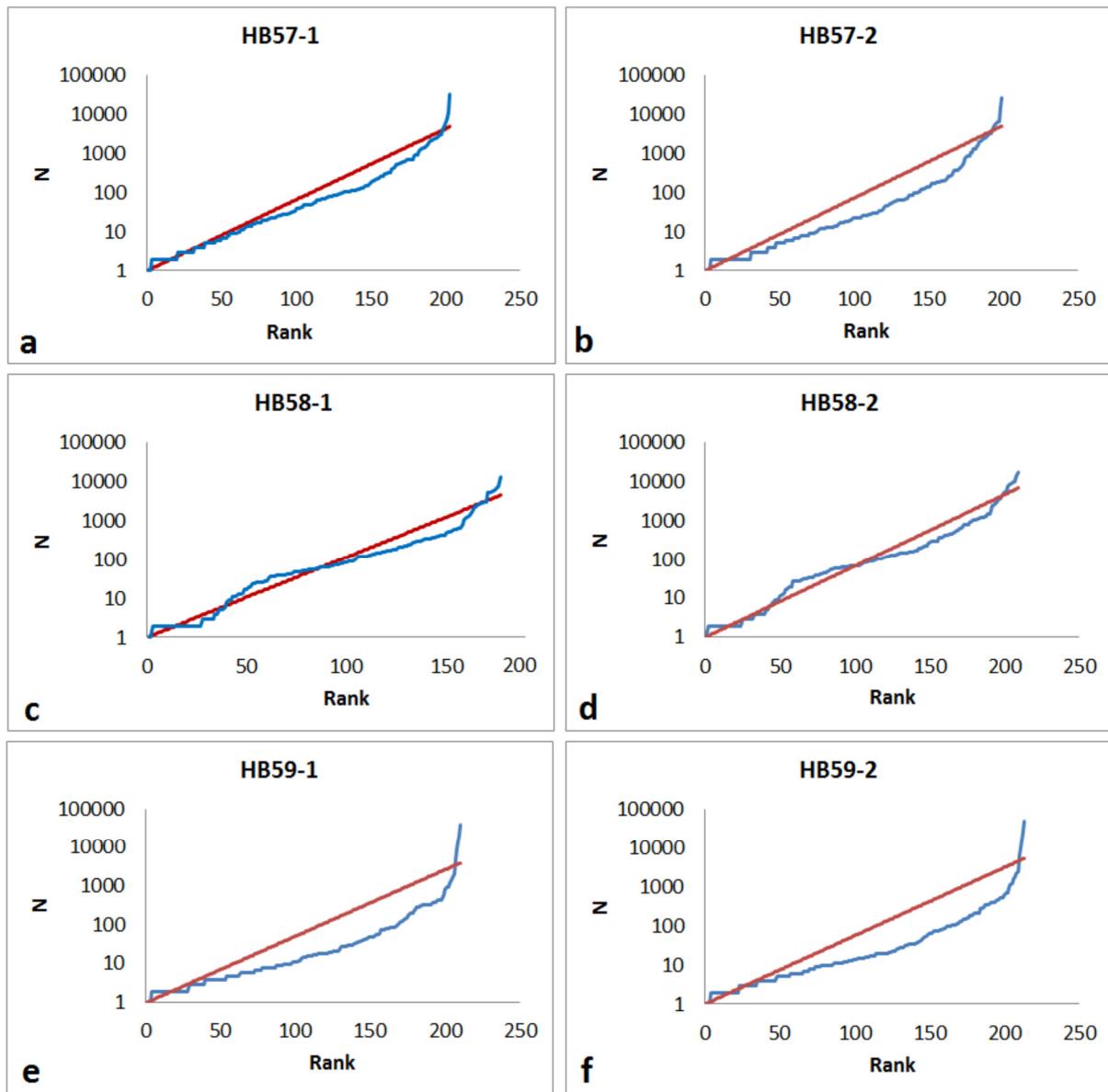


Supplementary figures and table to

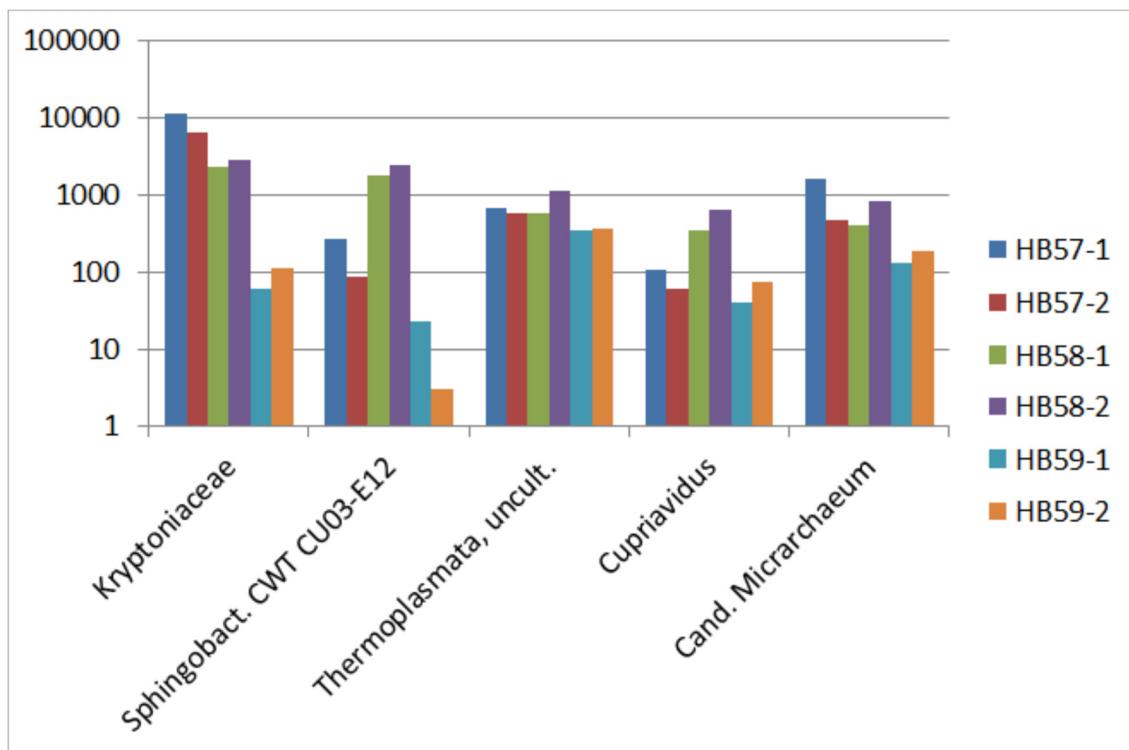
Three Soil Bacterial Communities from an Archaeological Ex-cavation Site of an Ancient Coal Mine near Bennstedt (Germany) Characterized by 16S r-RNA Sequencing  
Linda Ehrhardt<sup>1</sup>, P. Mike Günther<sup>1</sup>, Manfred Böhme<sup>2</sup>, J. Michael Köhler<sup>1\*</sup> and Jialan Cao<sup>1</sup>



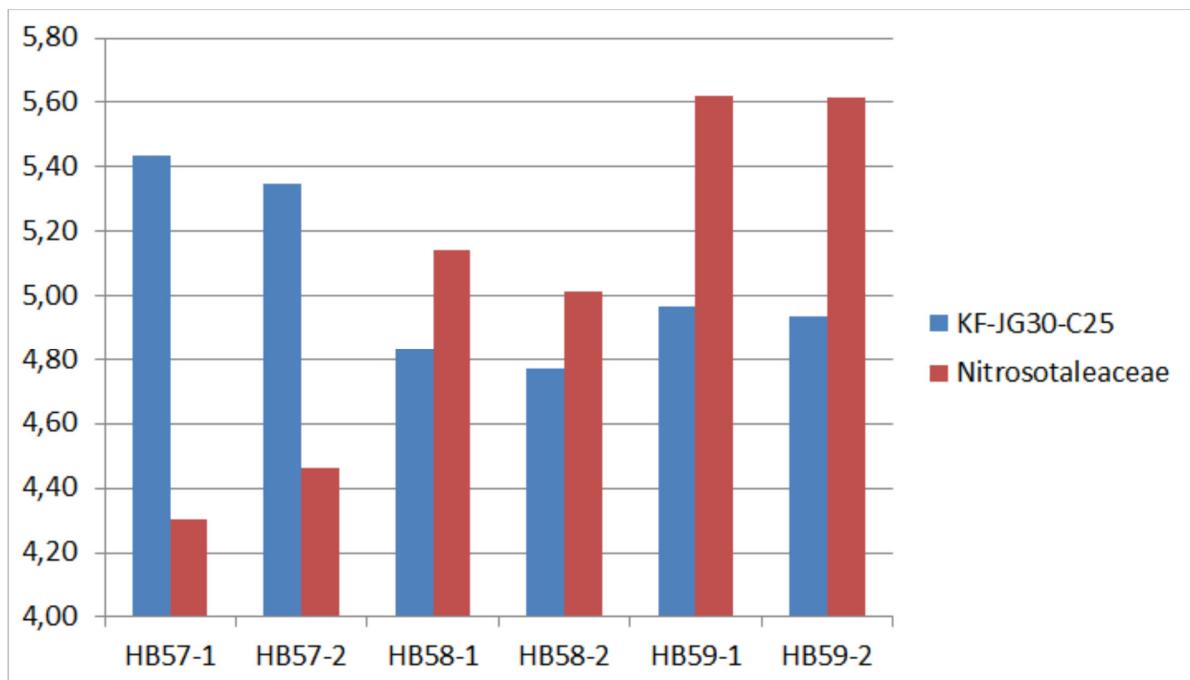
**Figure S1.** Excavation site near Bennstedt (Germany).



**Figure S2.** Logarithmic plots of real and idealized rank functions.



**Figure S3.** Abundances of five selected OTUs.



**Figure S4.** Logarithmic abundances (r-values) of two selected OTUs.

**Table S1.** Correlation coefficients for the OTUs of the six samples from Bennstedt.

	HB57-1	HB57-2	HB58-1	HB58-2	HB59-1	HB59-2
HB57-1	1	0,912669	0,479628	0,49892	0,331605	0,324137
HB57-2	0,912669	1	0,575784	0,650998	0,47836	0,475819
HB58-1	0,479628	0,575784	1	0,889884	0,74241	0,74246
HB58-2	0,49892	0,650998	0,889884	1	0,724305	0,727143
HB59-1	0,331605	0,47836	0,74241	0,724305	1	0,99968
HB59-2	0,324137	0,475819	0,74246	0,727143	0,99968	1