Supplementary Table S1

Correlation coefficients for the decay in the logarithmic range of rank diagram (mediate and/or low abundant OTUs)

(arbitrarily chosen range related to the total number of OTUs (one or more reads) and the appearance of shoulders)

| Sample | Number of OTUs | Fitting range (No) | Correlation Coefficient | Character |
|---|---|---|---|---|
| B32 | 407 | 170-270 | 0.9903 | weak shoulder |
| B43 | 763 | 20-600 | 0.9966 | no shoulder |
| B47 | 733 | 150-550 | 0.9977 | no shoulder |
| B76 | 235 | 60-80 | 0.9936 | strong shoulder |
| E64 | 669 | 150-400 | 0.9981 | no shoulder |
| E66 | 485 | 220-420 | 0.9938 | weak shoulder |
| HB4 | 92 | 17-25 | 0.9540 | strong shoulder |
| HB22-1 | 289 | 120-200 | 0.9872 | weak shoulder |
| HB36-1 | 601 | 200-400 | 0.9917 | weak shoulder |
| HB58-2 | 279 | 70-135 | 0.9946 | strong shoulder |
| HB62-1 | 355 | 50-200 | 0.9980 | moderate shoulder |
| T92 | 761 | 200-560 | 0.9944 | no shoulder |