



**Figure S2** Taxon and year-specific correlation of cellular parameters measured with FISH.

(A) Ribosome content to cell volume. (B) Ribosome content over FDC. (C) Cell volume over FDC. Box-whisker plots in (B) and (C) range from 25<sup>th</sup> to 75<sup>th</sup> percentile and the whiskers represent 1.5\* interquartile range. Outliers are visualized by dots. Mean is drawn as a solid line inside the boxes. Statistic results of regressions are reported supplementary results.