

## Supplementary Informations

### 1. Journal name

Energy & Fuels

### 2. Manuscript Title

Variations in microbiota communities with the ranks of coals from three Permian mining areas predictive energy metabolic functions in mine tailings profiles

### 3. Author names

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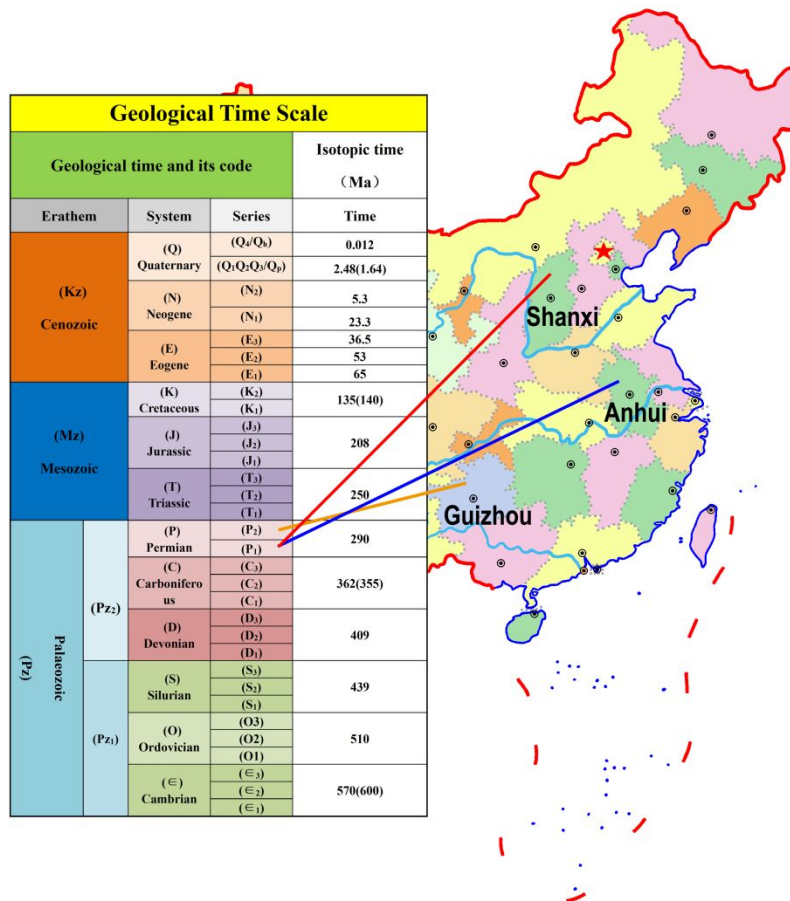


Figure S1. Three sampling areas and corresponding stratigraphic ages.

