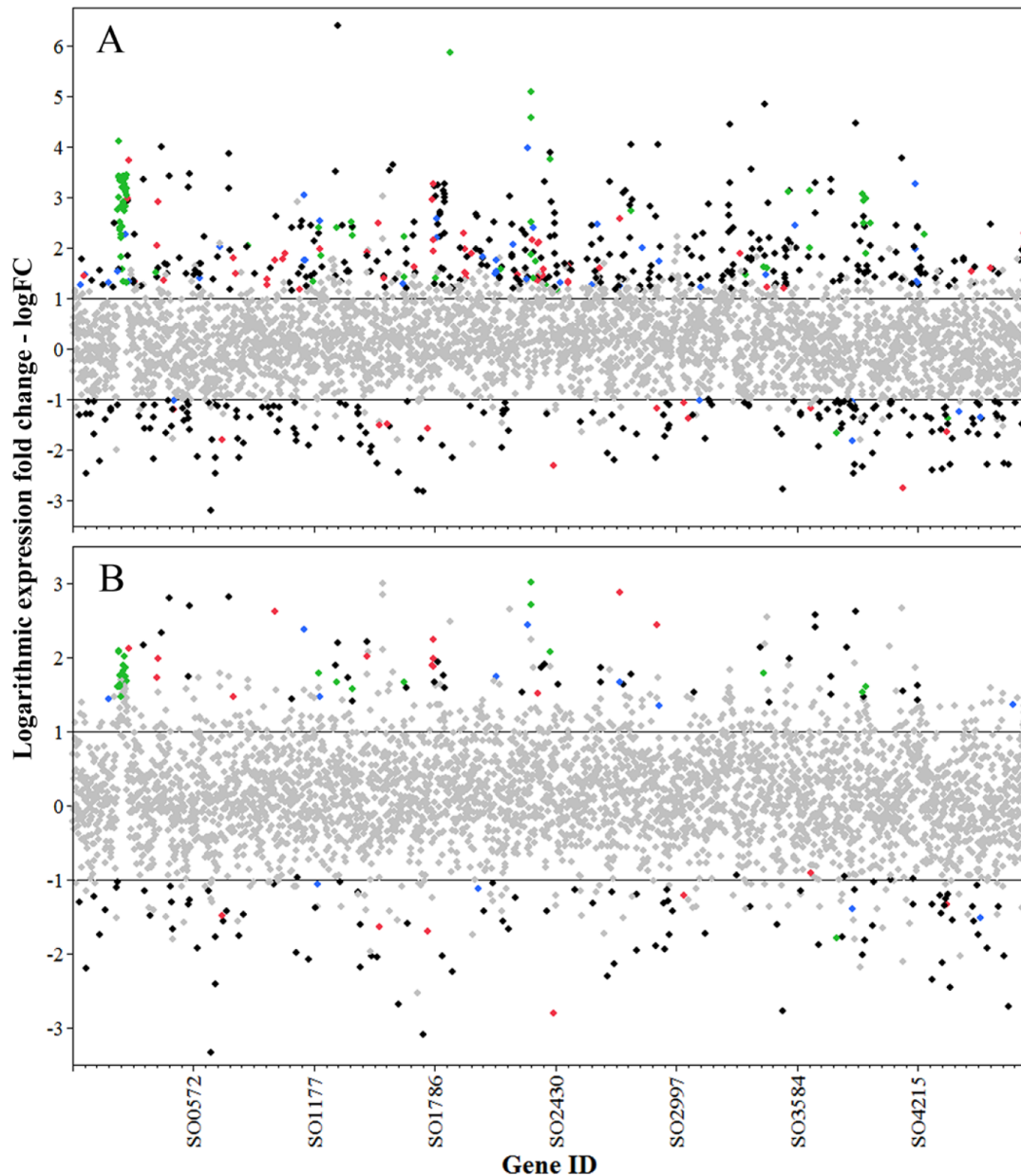


Figure S2. Illustration of genome-wide gene expression fold change.



Panel A: Results of Comparison 1 – El vs. Fe; Panel B: Results of Comparison 2 – El. vs. O₂. With **grey**: Genes that did not change expression levels with statistical significance (fdr (q)-value threshold ≤ 0.05 in (A) and ≤ 0.2 in (B)) or where $|\logFC| < 1$. Colored dots show significantly changed genes of the following functional groups: **red** - "Energy Metabolism"; **green** - "Protein Synthesis"; **blue** - "Protein Fate"; **black** - all other functional groups. Positive log₂ Fold Change (logFC) values indicate increased expression with the electrode, negative logFC values indicate increased expression with the other electron acceptor.