

A horizontal stacked bar chart with 15 bars. The x-axis is labeled with values 800, 600, 400, 200, and 0 from left to right. The bars are stacked with various colors. The top bar is the longest, extending past the 800 mark. The bars decrease in length as they move down. The colors used include green, orange, cyan, yellow-green, pink, brown, purple, red, green, orange, and blue. The bars are ordered by total length, with the longest bar at the top and the shortest at the bottom.

Horizontal stacked bar chart showing the distribution of 15 metabolites across 14 bacterial phyla. The x-axis represents the count of metabolites (0 to 1000). The y-axis lists the metabolites. The legend identifies the phyla by color: Actinobacteria (blue), Alphaproteobacteria (orange), Archaea (green), Bacteroidetes (red), Betaproteobacteria (purple), Cyanobacteria (brown), Deltaproteobacteria (pink), Epsilonproteobacteria (grey), Firmicutes (olive), Gammaproteobacteria (cyan), Oligoflexia (dark blue), Other (light orange), Thermotogae (Phylum) (dark green), and Zetaproteobacteria (dark red).

Metabolite	Actinobacteria	Alphaproteobacteria	Archaea	Bacteroidetes	Betaproteobacteria	Cyanobacteria	Deltaproteobacteria	Epsilonproteobacteria	Firmicutes	Gammaproteobacteria	Oligoflexia	Other	Thermotogae (Phylum)	Zetaproteobacteria
Proline	50	120	0	0	0	10	0	0	0	120	0	0	0	0
Glutamate	60	140	90	110	0	20	0	0	40	540	0	0	0	0
Glutamine	60	140	90	110	0	20	0	0	40	540	0	0	0	0
Glycerol	60	80	0	20	0	40	0	0	20	380	0	0	0	0
Taurine	20	20	0	0	0	0	0	0	0	60	0	0	0	0
Sucrose	30	70	0	10	0	0	0	0	10	280	0	0	0	0
Sorbitol	40	90	0	30	0	0	0	0	20	320	0	0	0	0
Mannitol	20	70	0	10	0	0	0	0	0	120	0	0	0	0
Trehalose	50	40	0	20	0	0	0	0	0	60	0	0	0	0
GABA	20	20	0	0	0	0	0	0	0	60	0	0	0	0
Sarcosine	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ectoine	20	30	0	0	0	0	0	0	0	60	0	0	0	0
DMSP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Glycine betaine	30	70	0	0	0	0	0	0	0	280	0	0	0	0
TMAO	10	10	0	0	0	0	0	0	0	10	0	0	0	0
Hydroxyectoine	30	20	0	0	0	0	0	0	0	60	0	0	0	0