

Table 1. Subsystem distribution of reactions unique to the *G. metallireducens* iAF987 reconstruction.

Subsystem	Number of Reactions
Transport	75
Lipids and Glycan metabolism	64
Vitamins & Cofactor Biosynthesis	51
Aromatic Compound degradation	26
Alternate Carbon Metabolism	21
Amino Acid Metabolism	18
Energy Metabolism	17
Central Metabolism	15
Nitrogen and Sulfur Metabolism	12
Nucleotide Metabolism	11
Other	9
Metal Respiration	6
Total	325

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