

MtbRvCyc: *Mycobacterium tuberculosis* H37Rv Cellular Overview

This Cellular Overview Diagram was automatically generated from the MtbRvCyc database version 10.1 (2008). An online version of this diagram is available through BioCyc.org and may be used for analysis of omics datasets. Lines in the diagram correspond to reactions, nodes correspond to metabolites. Biosynthetic pathways are positioned in the left of the cytoplasm, degradative pathways in the right. Pathways are colored according to their cellular function, such as biosynthesis of cofactors. Reactions not assigned to any pathway are in the far right of the cytoplasm. Reactions lacking adjacent enzyme names are pathway holes (thin lines), meaning no enzyme has been identified in the genome to catalyze that reaction. In the inner membrane are transporters. Connections between pathways are omitted for legibility. Most pathways in the diagram were produced computationally by the Pathwayz program, with some subsequent manual pathway curation. MtbRvCyc authors: Paula Thomas, Peter Karp, SRI International, Rowan Morris, Gary Schoenik, Stanford University, Shubhada Godbole, Richard Scheuerman, UT Southwestern.

