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JOURNAL OF THE AMERICAN CHEMICAL SOCIETY

Addition/Correction

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Correction to "A General Strategy for the Discovery of Metabolic Pathways: D-Threitol, L-Threitol, and Erythritol Utilization in *Mycobacterium smegmatis*"

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J. Am. Chem. Soc. **2015**, *137*, 14570−14573. DOI: 10.1021/jacs.5b08968

Page 14570. In the catabolic pathway for L-threitol (Figure 1, panel C), we reported that (1) EltD (MSMEG_3265, UniProt ID A0QXD8) catalyzes the oxidation of L-threitol to L-erythrulose; (2) LerK (MSMEG_6788, UniProt ID A0R758) catalyzes the ATP-dependent phosphorylation of L-erythrulose to generate L-erythrulose 4-phosphate; (3) LerI (MSMEG_6785, UniProt ID A0R756) catalyzes the racemization of L-erythrulose 4-phosphate to D-erythrulose 4-phosphate (a 1,1-proton transfer reaction), and (4) DerI2 (MSMEG_6787, UniProt ID A0R757) catalyzes the isomerization of D-erythrulose 4-phosphate to D-threose 4-phosphate.

The data presented in Figure S6 in the Supporting Information are inconsistent with the functional assignments for LerK and LerI. Instead, (1) LerK catalyzes the ATP-dependent phosphorylation of L-erythrulose to generate L-erythrulose 1-phosphate and (2) LerI catalyzes the isomerization of L-erythrulose 1-phosphate to generate D-erythrulose 4-phosphate (a 1,2-proton transfer reaction). The reported functions for EltD and DerI2 are correct, so the substrate and product of the pathway are unchanged. A revised Figure 1 that shows the correct catabolic pathway for L-threitol (panel C) is presented here.

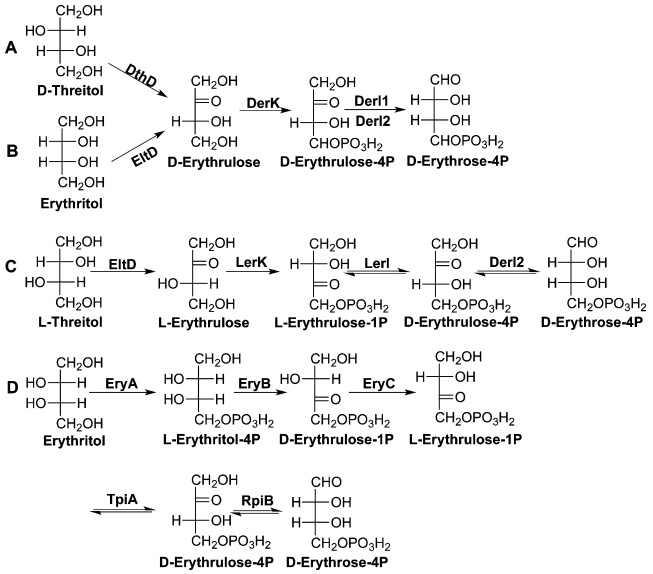

Figure 1. Tetritol catabolic pathways: (A) D-threitol catabolism in *M. smegmatis*; (B) erythritol catabolism in *M. smegmatis*; (C) L-threitol catabolism in *M. smegmatis*; (D) erythritol catabolism in *B. abortis*.

Published: March 15, 2016

DOI: 10.1021/jacs.6b01906
J. Am. Chem. Soc. 2016, 138, 4267−4267