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Dr. Kieran Smallbone
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Manchester Interdisciplinary Biocentre
131 Princess Street
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Dear Dr. Smallbone:

In response to your December 17, 2009 email, in which you suggested that we could contribute a list of suggested modifications to Version 3 of the Yeastnet Consensus Metabolic Reconstruction, we have undertaken a careful review of the literature describing the biosynthesis of complex sphingolipids in yeast with the goal of validating this portion of the model. We are now pleased to submit suggestions for modifications to the reconstruction.

Attached, please find a document describing our recommended changes, including supporting references. In summary, we suggest 64 new reactions, 39 new species, 2 new genes, 13 changed modifiers, 15 changed species, and 16 changed reactions. We hope that our validation efforts and suggested changes are a helpful contribution, and look forward to continued collaboration with the Yeastnet project.

Sincerely,

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Enclosure: Suggested Yeastnet modifications

Cc: Paul Dobson
Douglas B. Kell
Pedro Mendes