Supplementary Material

# Reconstruction of *Oryza sativa indica* genome scale metabolic model and its responses to varying RubisCO activity, light intensity and enzymatic cost conditions

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 **1 Supplementary Data**

Supplementary Data S1- Uniprot reaction ids and GPR association for the reactions in the model.

Supplementary Data S2 - Model files in SBML and Excel sheet.

Supplementary Data S3 – Reactions unique to *indica* Model

Supplementary Data S4 – Results of FVA.

# Supplementary Tables

Supplementary Table S1 – List of reactions removed from the draft model.

Supplementary Table S2 – List of reactions added to the draft model.