

Loss of *ncm*⁵ and *mcm*⁵ wobble uridine side chains results in an altered metabolic profile

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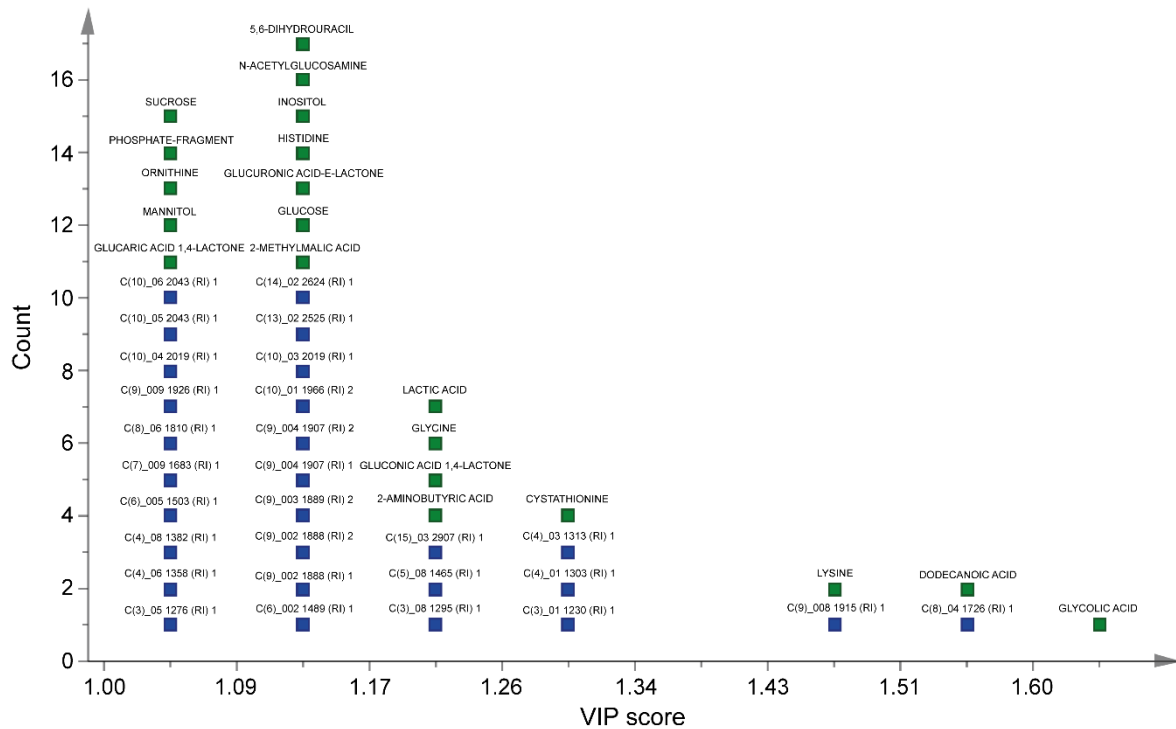
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Online Resource 11. Identified and unidentified metabolites that separate the *elp3A*-h.c.-empty and *elp3A*-h.c.-tKQE strains grown at 34°C. The *elp3A* strain containing either an empty high copy pRS425 vector or a pRS425 high copy vector carrying the tRNA genes *tK(UUU)*, *tQ(UUG)* and *tE(UUC)* (pRS425-tKQE) was grown logarithmically to an OD₆₀₀ of ~0.5 and harvested (see material and methods). Metabolites were extracted and then quantified using GC-TOF-MS. Values obtained were normalized and log₂-transformed, and metabolic alterations were analyzed using PLS-DA. Metabolites shown have a VIP score >1. The X-axis displays the VIP score and the Y-axis displays the number of metabolites (Count) that fit into a particular group based on VIP score. Identified metabolites are labeled with green squares and unidentified with blue squares.