

# MetaboMAPS: Pathway Sharing and Data Visualization in Metabolic Context



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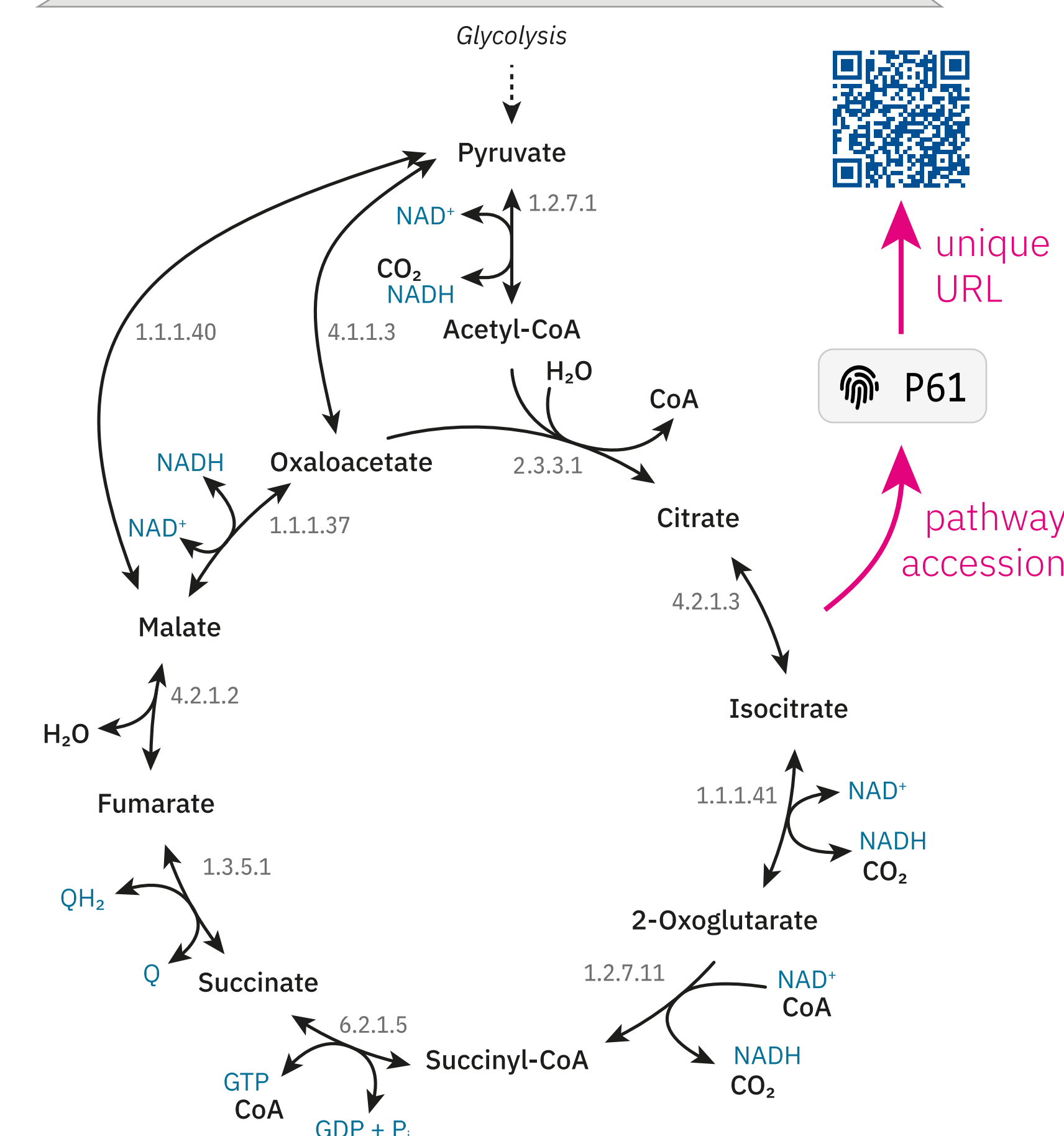
## Sharing of metabolic pathways

Users can upload self-drawn metabolic pathways and share them with the community. By doing this, the pathway gets a unique accession for reference in publications. Furthermore, one can link pathways to the respective publications. When the pathway map includes unpublished information, users can upload them in private mode. In this way, the pathway can be used for data visualization and can also be shared to colleagues, but is not visible for the community. Pathways can be found by category, name, assigned identifier (e.g. EC number, locus tag), or accession.

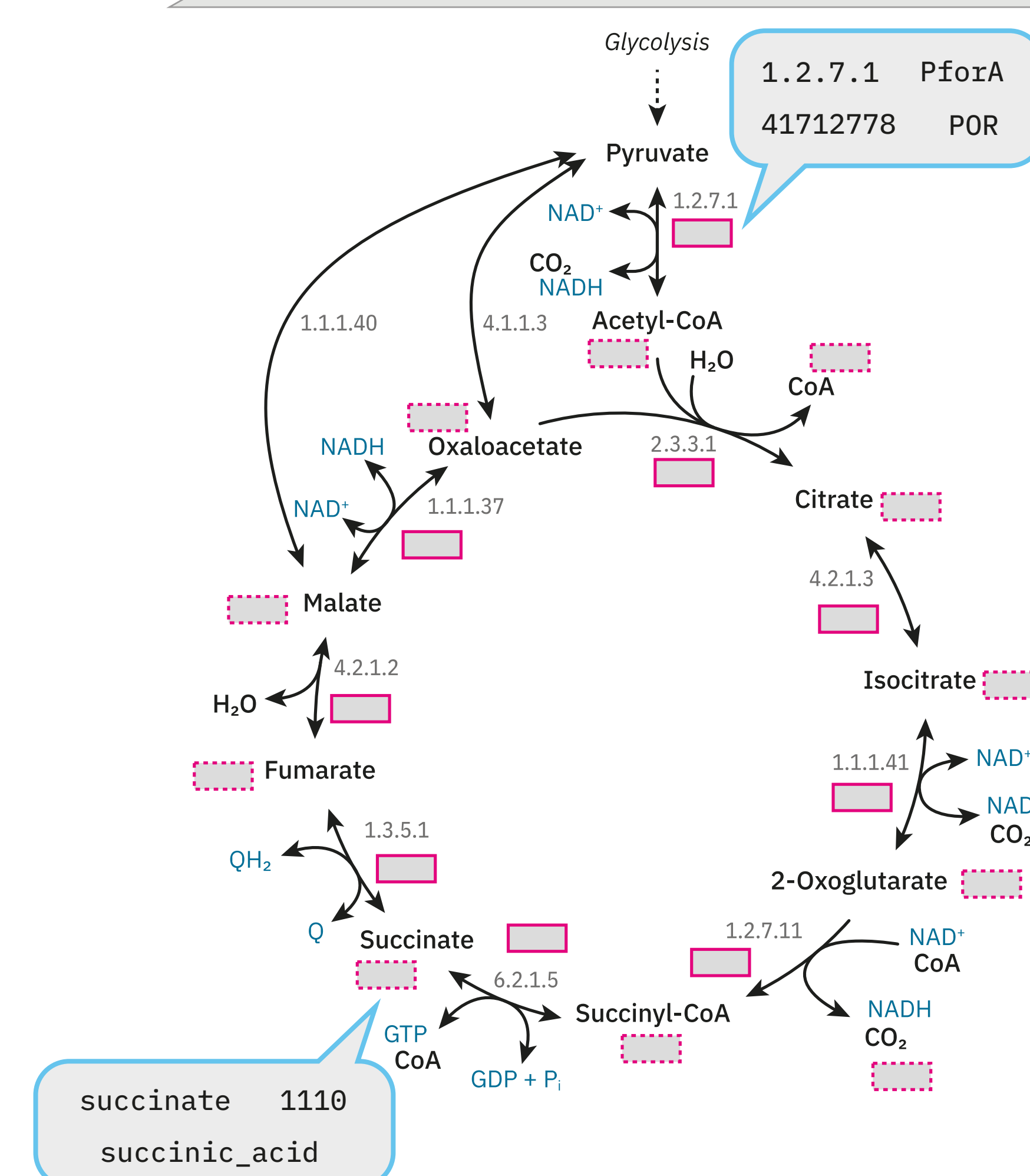
## Visualization of experimental data on pathways

MetaboMAPS can also be used to visualize data in a metabolic context. An online editor is used to add plot boxes and assign identifiers. Afterwards, any type of numerical data can be loaded locally and will be visualized as bar charts, line charts, heat maps, or pie charts. Feasible data sets include but are not limited to transcriptome, proteome, metabolome studies, flux distributions, <sup>13</sup>C-flux measurements, and many more. Different color scales and other settings offer a high degree of customization without having an impact on the usability.

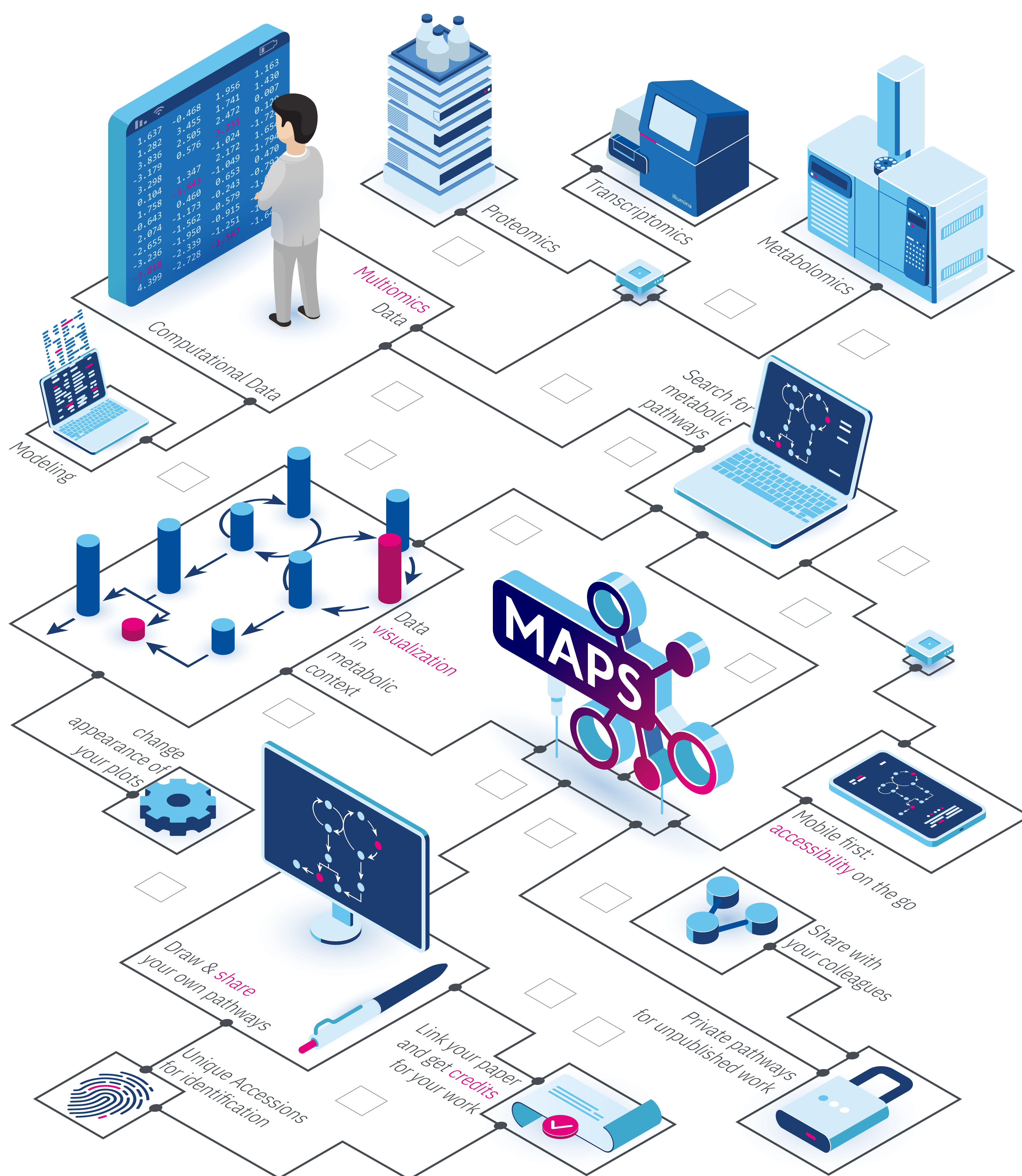
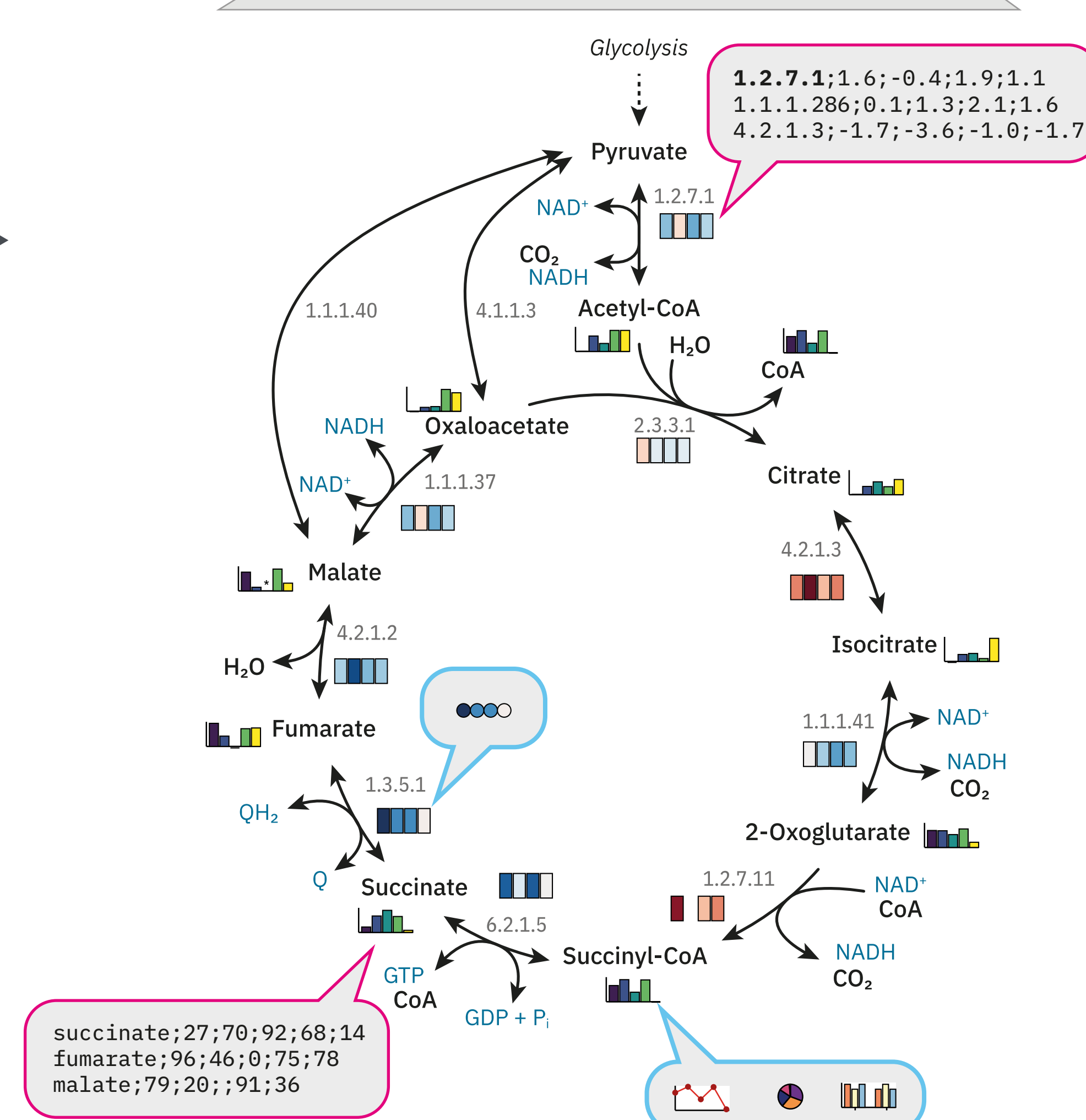
## Upload pathway (SVG format)



## Define plot boxes & assign identifiers



## Visualize your data & define style



visit [metabomaps.brenda-enzymes.org](http://metabomaps.brenda-enzymes.org)