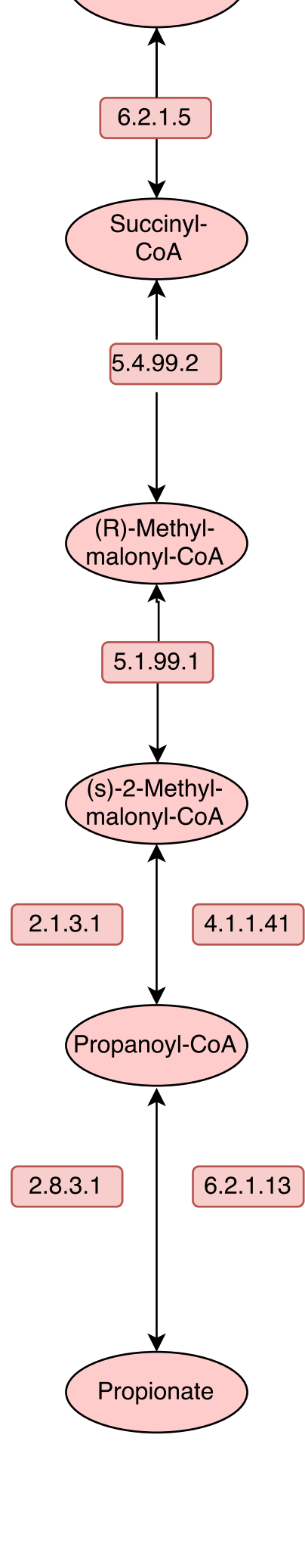


# Succinate pathways

## Propionate synthesis - a.

Propionate synthesis from succinate. This pathway includes such enzymes as (EC form) 6.2.1.5, 5.4.99.2, 5.1.99.1, 4.1.1.41 or 2.1.3.1, 2.8.3.1 or 6.2.1.13.

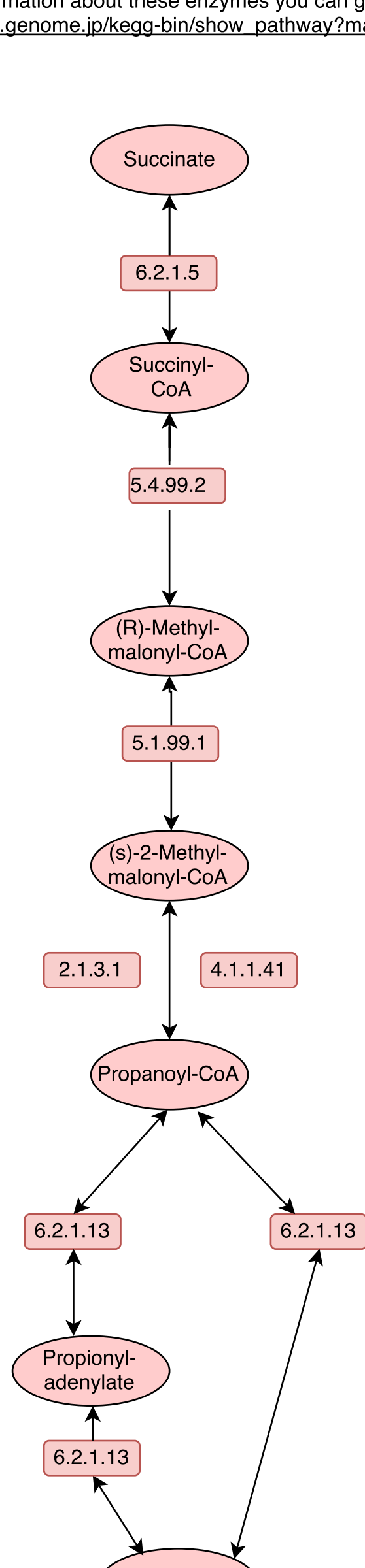
More information about these enzymes you can get there: [http://www.genome.jp/kegg-bin/show\\_pathway?map00640](http://www.genome.jp/kegg-bin/show_pathway?map00640)



## Propionate synthesis - b.

Propionate synthesis from succinate. This pathway includes such enzymes as (EC form) 6.2.1.5, 5.4.99.2, 5.1.99.1, 4.1.1.41 or 2.1.3.1, 6.2.1.1 or 6.2.1.17.

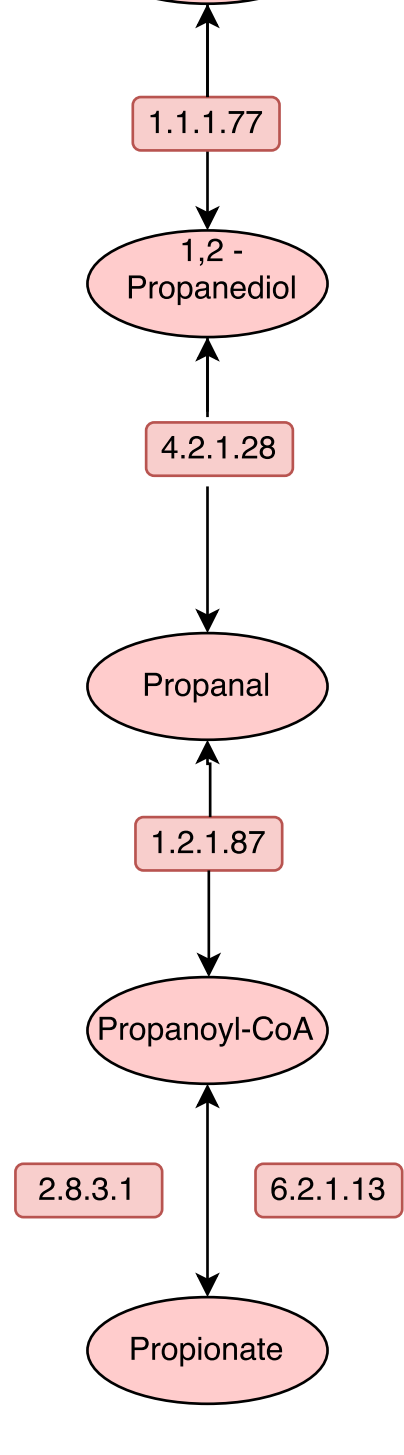
More information about these enzymes you can get there: [http://www.genome.jp/kegg-bin/show\\_pathway?map00640](http://www.genome.jp/kegg-bin/show_pathway?map00640)



# Propanediol pathway

Propionate synthesis from succinate. This pathway includes such enzymes as (EC form) 1.1.1.77, 4.2.1.28, 1.2.1.87, 2.8.3.1 or 6.2.1.13.

More information about these enzymes you can get there: [http://www.genome.jp/kegg-bin/show\\_pathway?map00640](http://www.genome.jp/kegg-bin/show_pathway?map00640)



# Acrylate pathways

Propionate synthesis from acrylate. This pathway includes such enzymes as (EC form) 2.8.3.1, 4.2.1.54, 1.3.1.- or 1.2.1.95, 2.8.3.1 or 6.2.1.13.

More information about these enzymes you can get there: [http://www.genome.jp/kegg-bin/show\\_pathway?map00640](http://www.genome.jp/kegg-bin/show_pathway?map00640)

