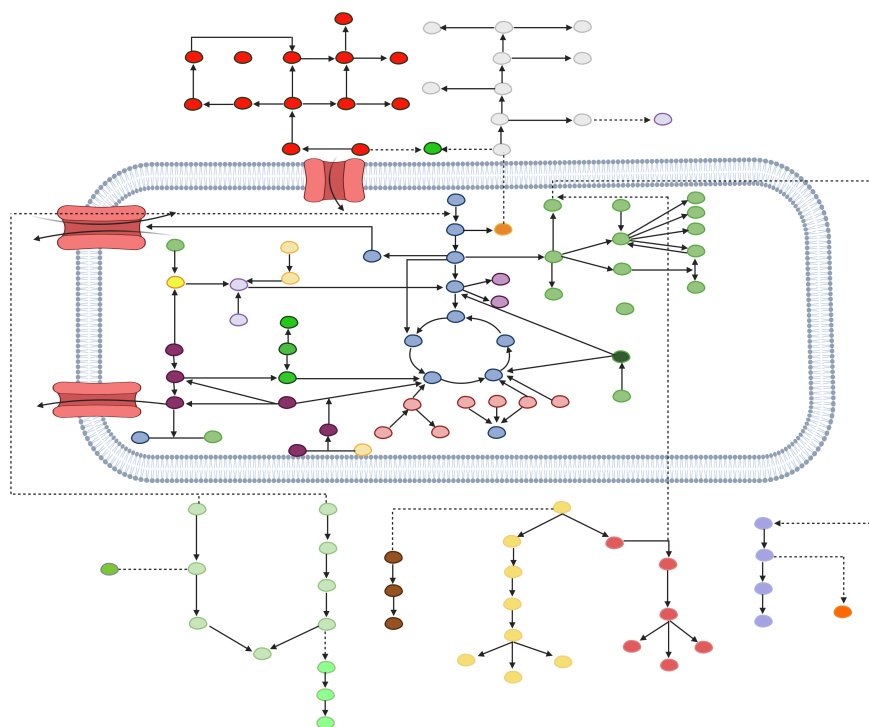


A



- Color Super Module class**
- Glycolysis + TCA cycle
 - Serine Metabolism
 - Pentose phosphate
 - Fatty Acids Metabolism/Synthesis
 - Aspartate Metabolism
 - Beta-Alanine Metabolism
 - Propanoyl-CoA Metabolism
 - Glutamate Metabolism
 - Leucine + Valine + Isoleucine
 - Urea Cycle
 - Spermine Metabolism
 - Transporters
 - Hyaluronic acid synthesis
 - Glycogen synthesis
 - N-linked glycan synthesis
 - O-linked glycan synthesis
 - Sialic acid synthesis
 - Chondroitin Sulfate/Dermatan Sulf
 - Heparan Sulfate/Heparin
 - Purine synthesis
 - Pyrimidine synthesis
 - Steroid hormone synthesis

→	Direct reaction form of each module
---→	Distant metabolic exchange
---	Same metabolite

B

