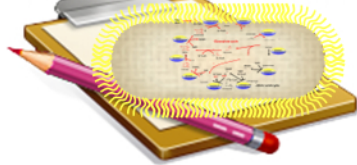


Reconstruction 1

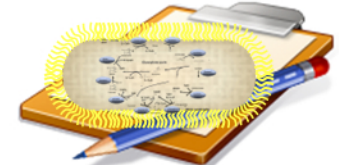


KEGG Database



- EC number → other databases
- KEGG Reaction ID
- KEGG Metabolite ID → other databases

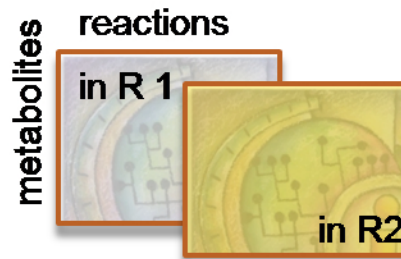
Reconstruction 2



Replace metabolite abbreviation with KEGG metabolite ID; Match reconstruction reaction with KEGG



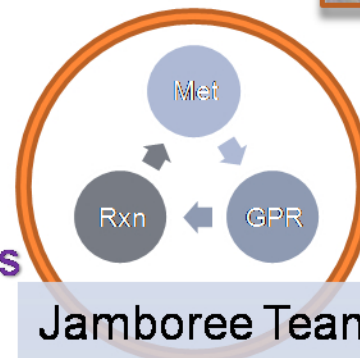
- KEGG will be used as common language between any 2 reconstruction
- KEGG IDs for all reconstruction metabolites are necessary
- Reactions will be mapped automatically
- Metabolite IDs from other DBs will be obtained from KEGG



Common subset
→ Initial consensus
Reconstruction



Discrepancies



Update/
Expansion