

**Dihydroorotase 3-
like**

Urease-like

**2-Pyrone-4,6-
dicarboxylate
lactonase-like**

NagA/AgaA-like

PHP-like

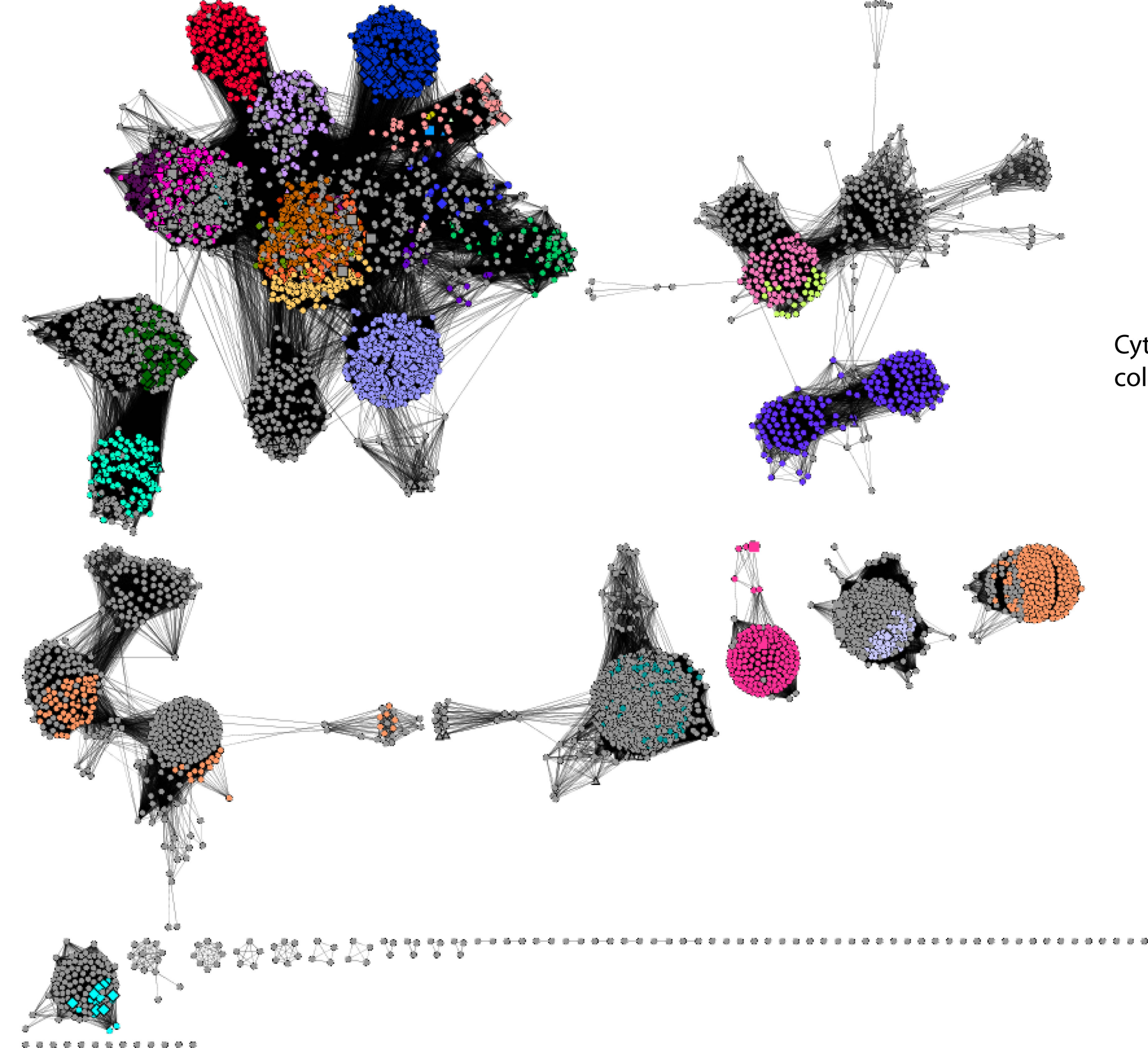
**Uronate
isomerase-like**

**Membrane
dipeptidase-
like**

Cytoscape clustering for the amidohydrolase superfamily.

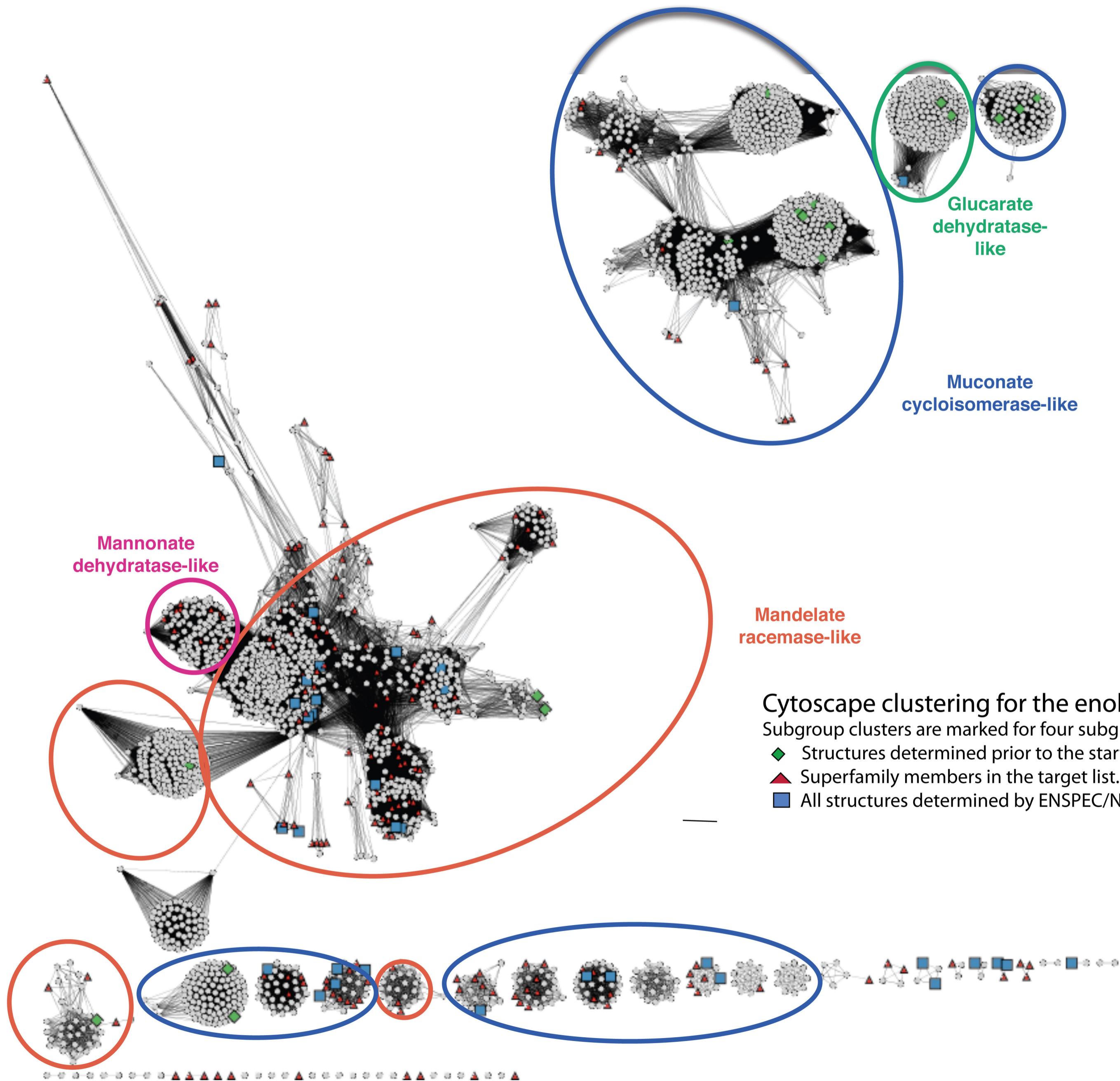
- Subgroup clusters are marked for four subgroups.
- ◆ Structures determined prior to the start of the ENSPEC/NYSGXRC project in June 2005.
 - ▲ Superfamily members in the target list
 - Five divergent structures determined by ENSPEC/NYSGXRC.
 - All other structures determined by ENSPEC/NYSGXRC .





Cytoscape network for the amidohydrolase superfamily colored by subgroup

- 1-aminocyclopropane-1-carboxylate deaminase like
- adenine deaminase like
- adenosine deaminase like
- allantoinase like
- ammelide aminohydrolase like
- AMP deaminase like
- aryldialkylphosphatase like
- AtzA/TriA/TrzA like
- collapsin response mediator protein / dihydroorotase-like protein / dihydropyrimidase-like protein
- cytosine deaminase like
- d-hydantoinase like
- dihydroorotase1 like
- dihydroorotase2 like
- dihydroorotase3 like
- glucuronate isomerase like
- guanine deaminase like
- hydroxydechloroatrazine ethylaminohydrolase like
- imidazolonepropionase like
- isoaspartyl dipeptidase like
- l-hydantoinase like
- membrane dipeptidase like
- n-acetylglucosamine-6-phosphate deacetylase / n-acetylgalactosamine-6-phosphate deacetylase like
- n-acyl-d-amino-acid deacylase like
- phosphotriesterase like
- TrzN like
- urease like
- n-isopropylammelide isopropylaminohydrolase like
- TatD_MttC
- polymerase histidinol phosphatase like
- nonoxidative decarboxylase like
- 2-pyrone-4,6-dicarboxylate lactonase like
- 4-OMA hydratase / HDDVAMCC hydrolase like
- formimidoylglutamate deiminase like



Glucarate dehydratase-like

Muconate cycloisomerase-like

Mannonate dehydratase-like

Mandelate racemase-like

Cytoscape clustering for the enolase superfamily.

Subgroup clusters are marked for four subgroups.

- ◆ Structures determined prior to the start of the ENSPEC/NYSGXRC project in June 2005.
- ▲ Superfamily members in the target list.
- All structures determined by ENSPEC/NYSGXRC.

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