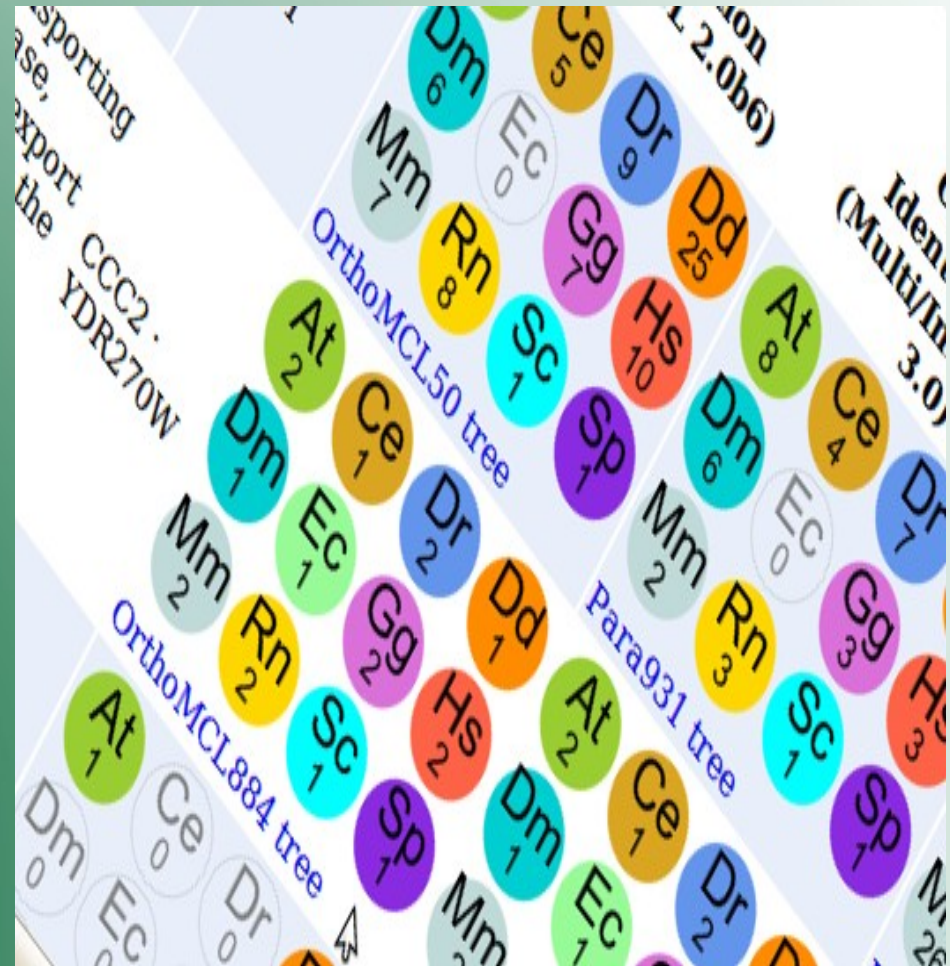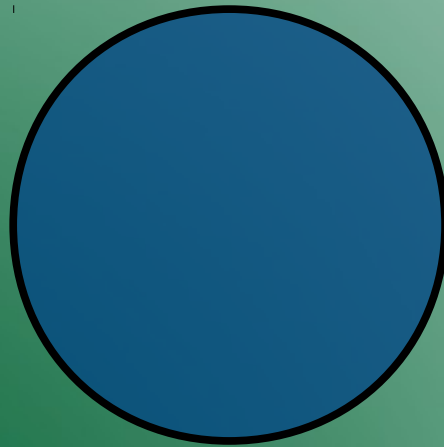# *P-POD Ensemble Clusters*

- OrthoMCL (University of Pennsylvania)

- InParanoid (Stockholms universitet)
  - MultiParanoid

- All written in Perl
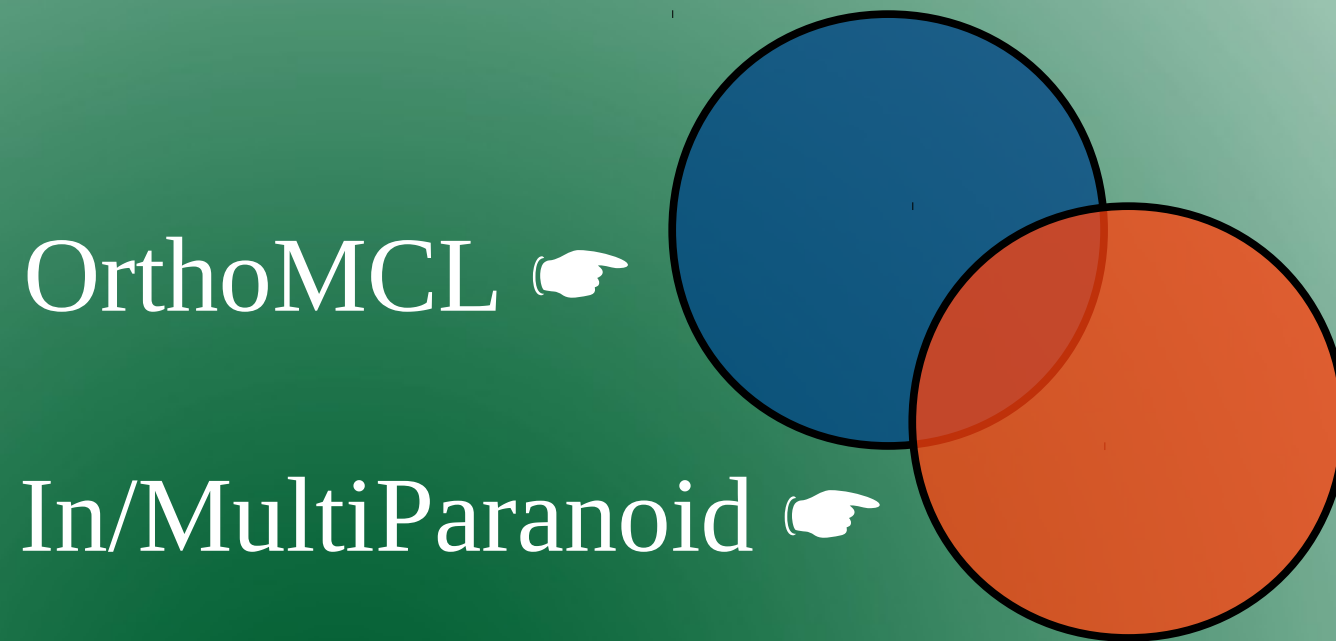
Naïve Ensemble
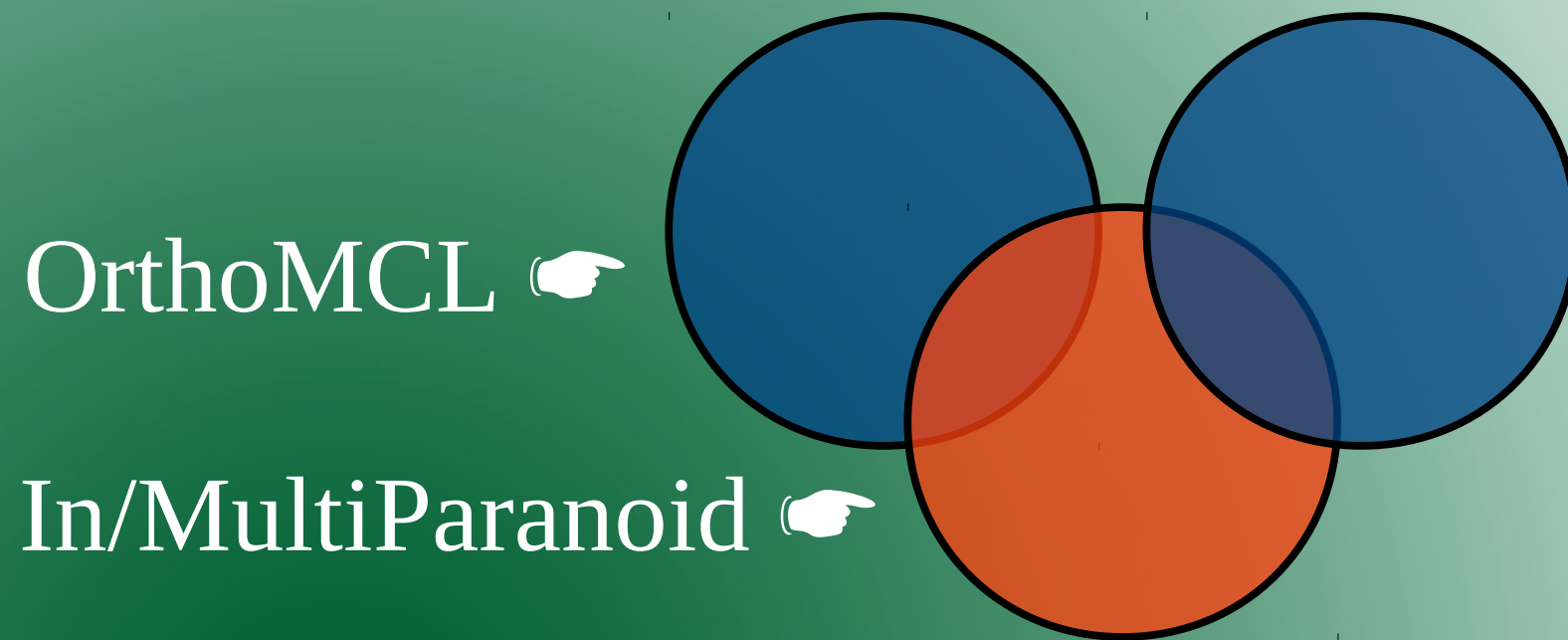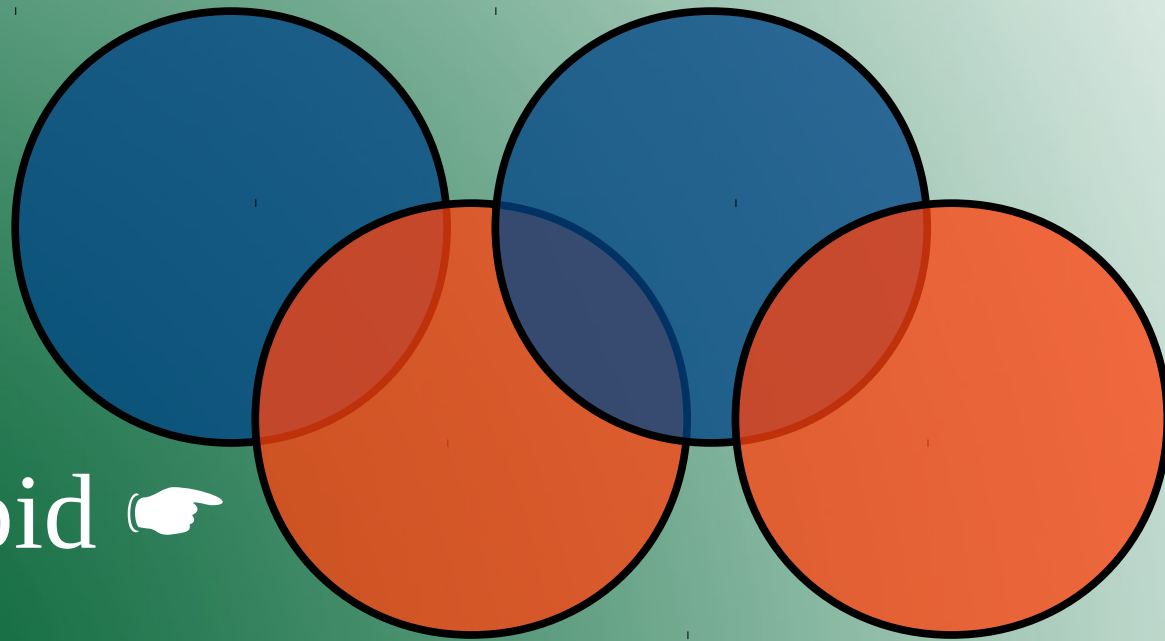
OrthoMCL ☞

Naïve Ensemble

OrthoMCL ☛

In/MultiParanoid ☛

Naïve Ensemble

OrthoMCL ☛
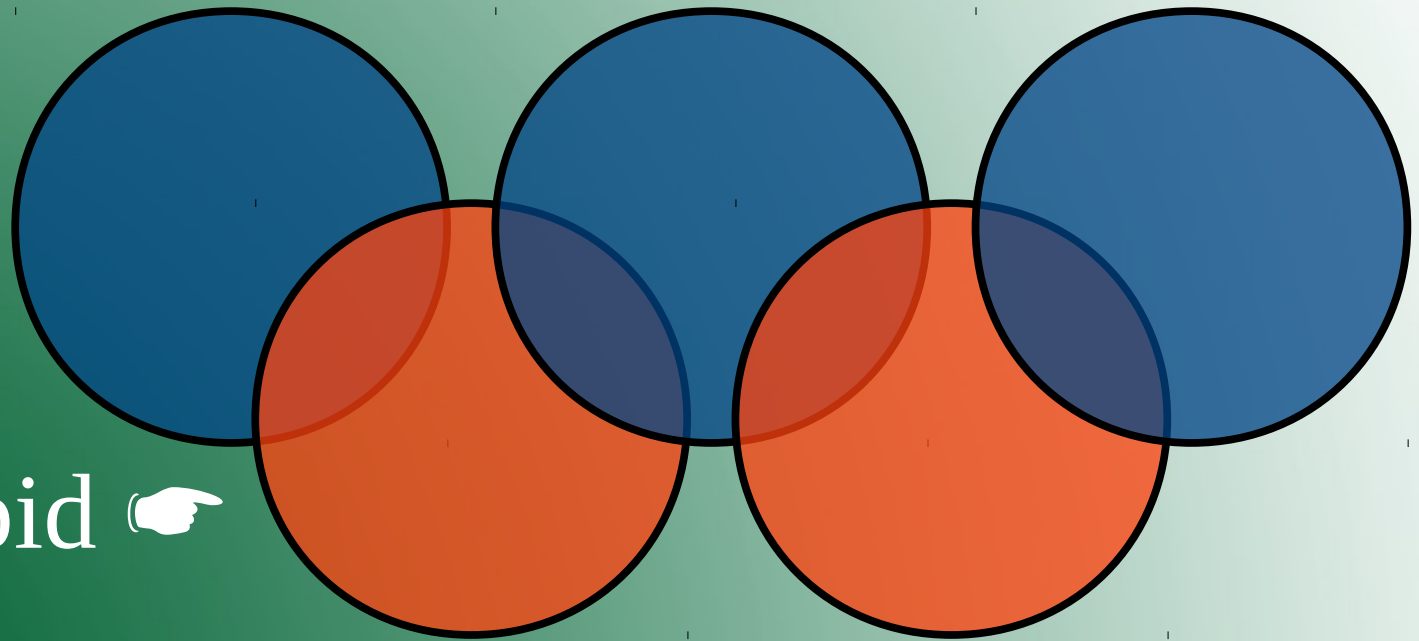
In/MultiParanoid ☛

Naïve Ensemble

OrthoMCL ☞

In/MultiParanoid ☞

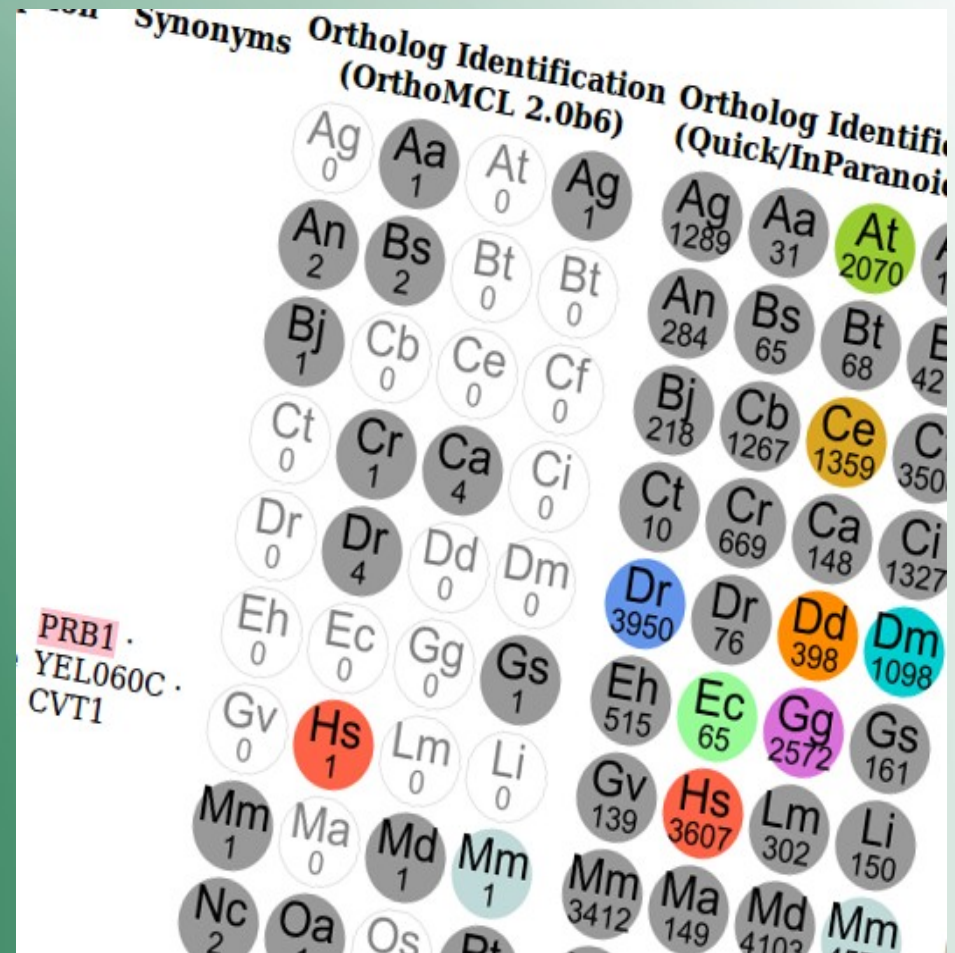# Naïve Ensemble

OrthoMCL ☞

In/MultiParanoid ☞

MultiParanoid

- Reference Genome
  - <4 hours
  - <14 minutes, thanks Mark Schroeder
- 48 Panther Organisms
  - Killed after 3 months
  - Mark's been running since 2010-08-05

QuickParanoid

- MultiParanoid Alternate
- By Taekyung Kim at Pohang University
  - Takes 3 minutes for all Panther
- Mostly the same, but ones that are wrong are really wrong ☞

Next...

- Modify MultiParanoid
  - Remove confidence score computation
- Rewrite MultiParanoid in C
- Debug QuickParanoid