

Mission

Our purpose

- Extract new disease-susceptible genes using [H-InvDB](#)
- Concept; new candidates have **similar character** to reported disease-related genes

Methods

- Using the 8 annotated information in [H-InvDB](#)

(1) Paralogs

(2) InterPro IDs

(3) EC numbers

(4) KEGG pathways

(5) GO (molecular function)

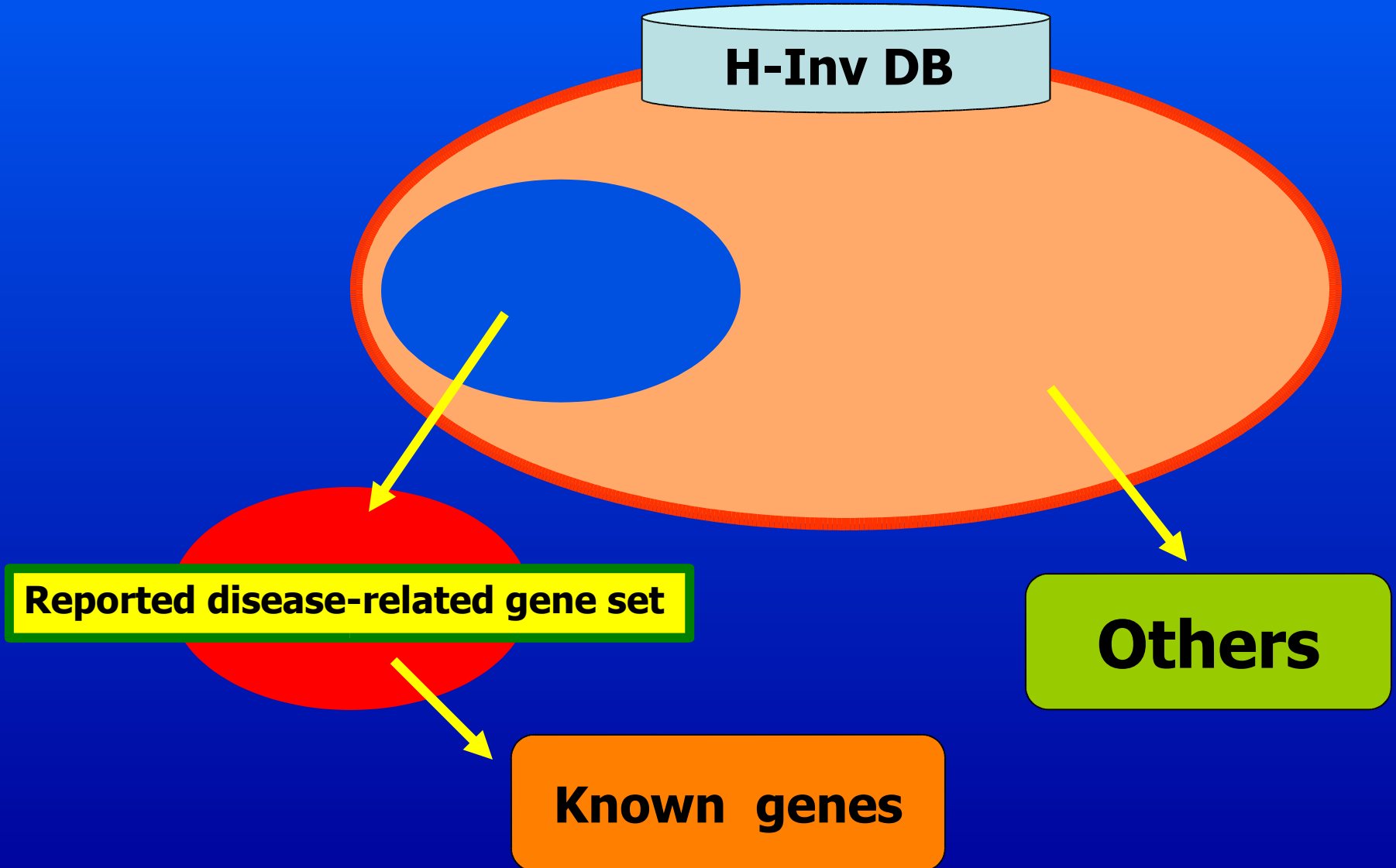
(6) GO (biological process)

(7) GO (subcellular component)

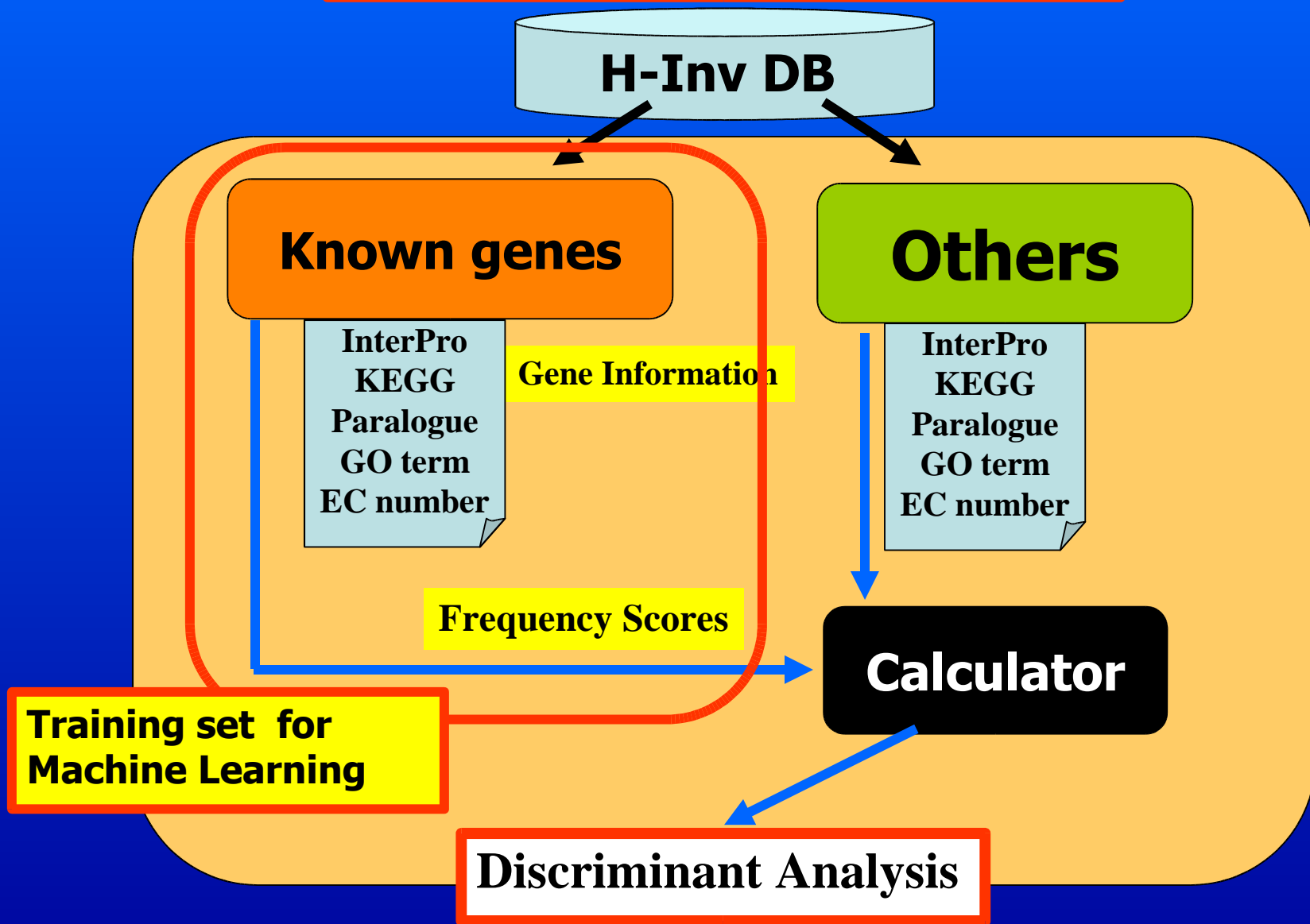
→ **Scoring** →

**Select
Candidates**

Selecting disease related genes (known genes) using OMIM & LocusLink (Entrez Gene)



Structure of PANDA



Using Mahalanobis Distance for discriminant analysis

