



Input Data from New Taxon

Homolog Collection  
from Input Data

**Working Dataset**

Homolog Collection  
from Database

**Working Dataset**

Infer  
Homolog Trees

Contaminants



**Phylogenomic Dataset**

Single Ortholog Alignments  
and Concatenated Matrix

PHYLOFISHER

Orthologs  
Paralogs

Manual Tree Curation  
Ortholog & Paralog Decisions