Prediction of drug targets

Orthologue in *C. elegans*?

- yes → Lethal phenotype in *C. elegans*?
  - yes → Lacks paralogues?
    - yes → Orthologue in distant relative
      - yes → Essential orthologue in distant relative
        - yes → Presence of orthologue in close relative
          - yes → Essential orthologue in close relative
            - yes → Network connectivity score
              - yes → Prioritized list of targets for parasitic nematodes
    - no → Enzymes, Ion channels & GPCRs?
      - no → Orthologue in distant relative
        - no → Essential orthologue in close relative
          - yes → Network connectivity score
            - yes → Prioritized list of targets for parasitic nematodes
      - yes → Lethal phenotype in *C. elegans*?
        - no → no
  - no → no
- no → no