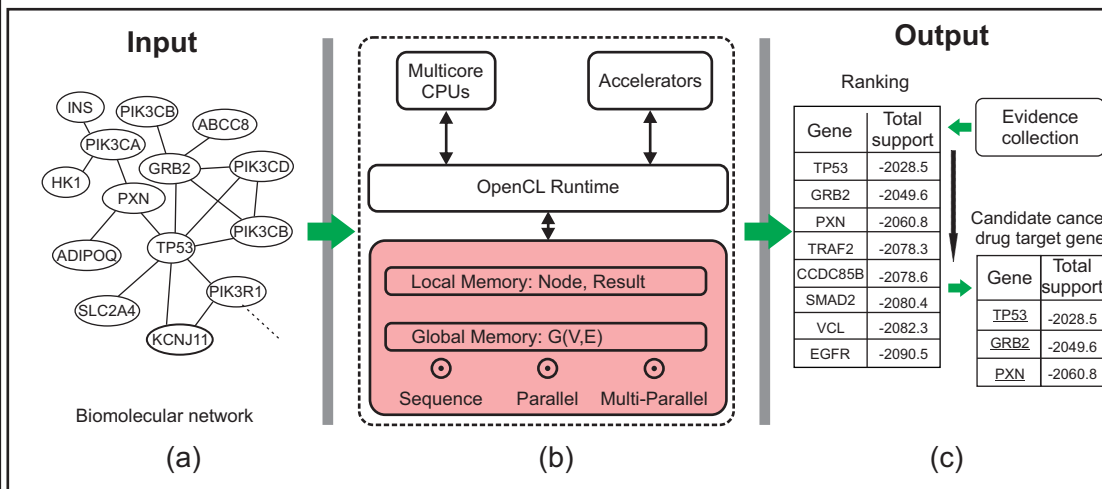


## Novel method for competition-based controllability of large-scale complex networks



## Outperforms

- Competition model
- Structural analysis of regulatory network
- Random Walk
- Network structure-based method
- Network distance-based method

## HPC software

Case studies on large-scale molecular networks:

- Driver nodes are drug target genes
- Driver nodes reside at innermost K-core

