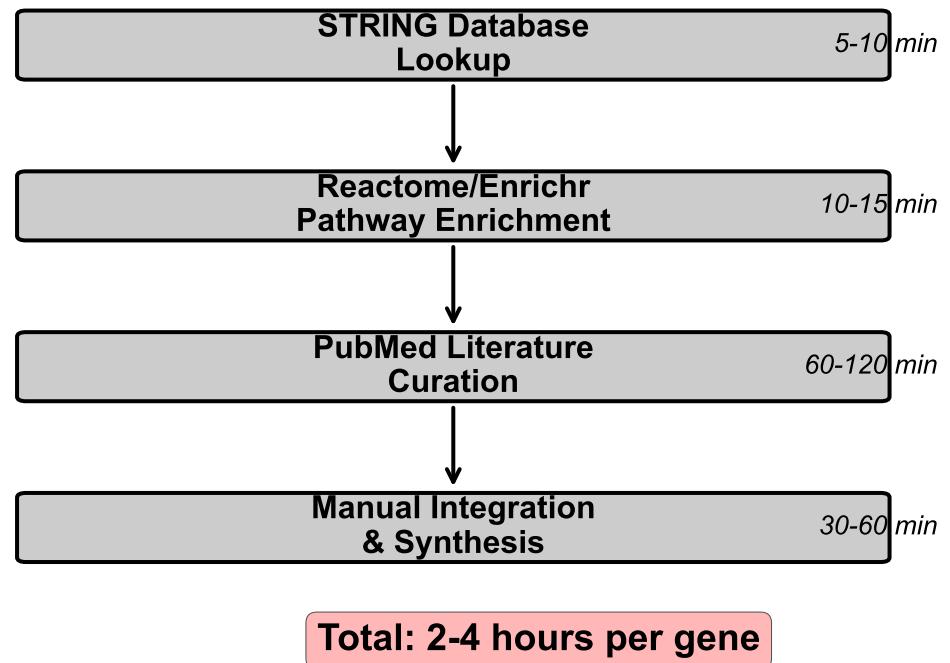
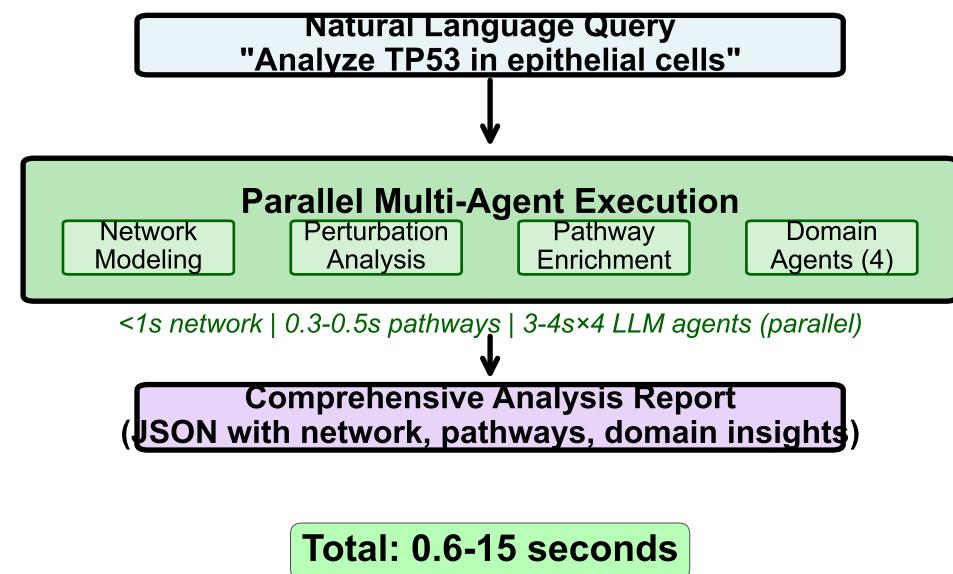


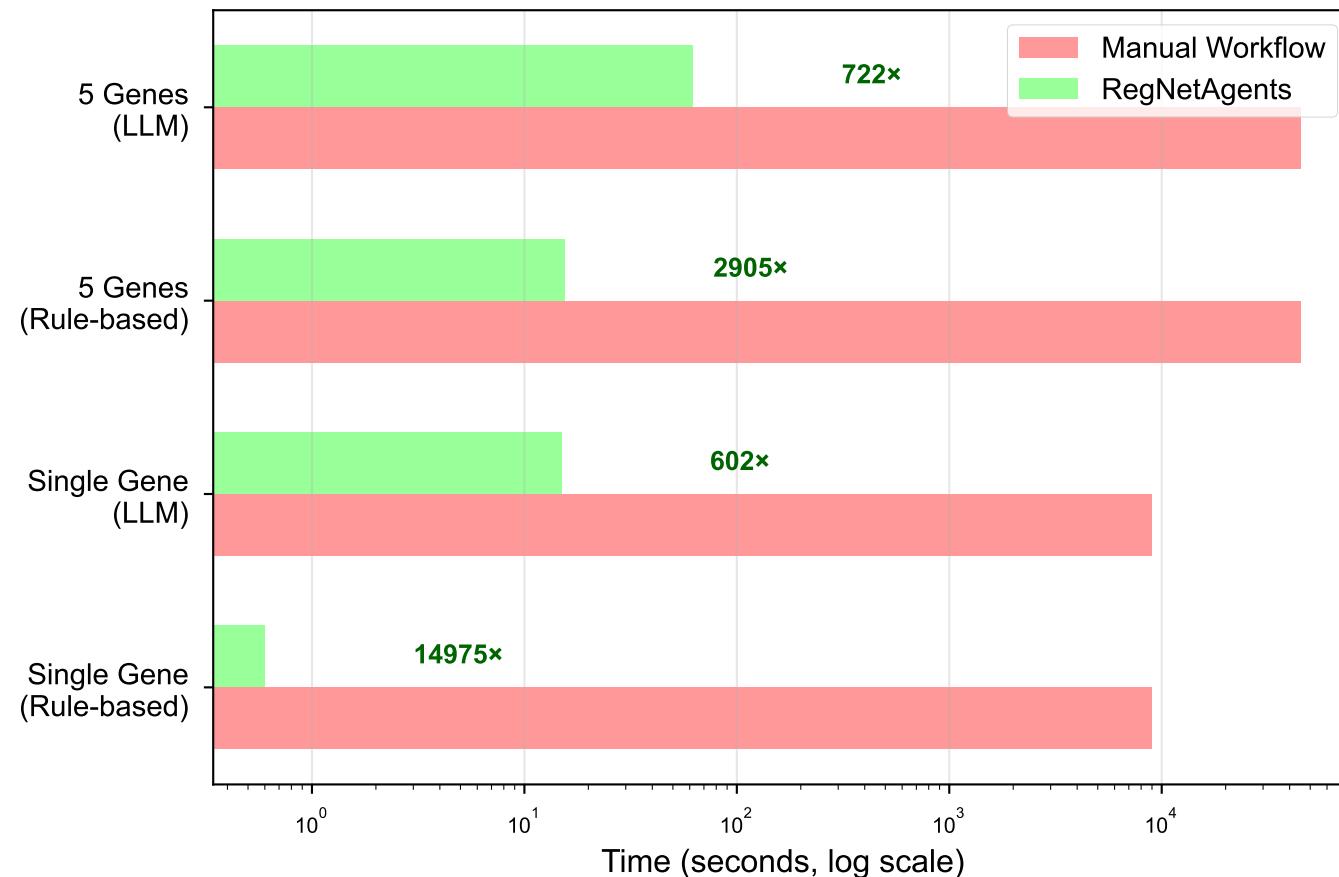
A) Traditional Manual Workflow



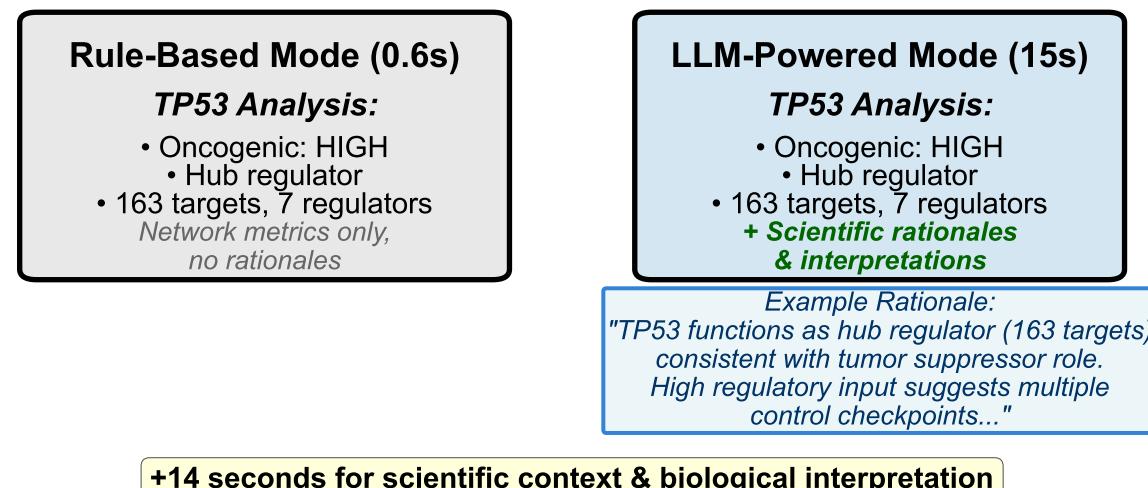
B) RegNetAgents Automated Workflow



C) Performance Comparison



D) LLM-Powered Scientific Context



LLM agents integrate gene function data (NCBI/UniProt) with network topology
Trade-off: Speed vs Scientific Context
(System gracefully falls back to rule-based if LLM unavailable)