

**a)** Query existing gene interaction networks

**BAX** + **P53**

RPA2 + RPA3

PIGB + DRAP1

LYPD3 + DCK

MCUR1 + LYPD3

IKBKB + LYPD3

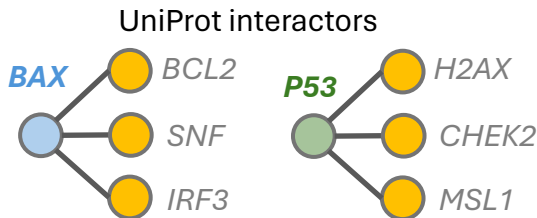
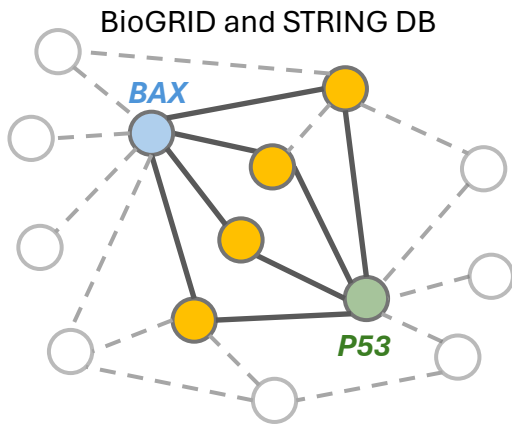
TIMM9 + GYS1

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**b)** Use common neighbours and known interactors



**c)** Fetch relevant literature from curated knowledge-base



**BAX**

Plays a role in the mitochondrial apoptotic process [PubMed]. Under normal conditions, BAX is largely cytosolic ...



**P53**

Acts as a tumor suppressor in many tumor types ...



**d)** Explain interaction (LLM)

>\_ Context:      ...

[task instructions]

Explain the interaction between **BAX** and **P53**