**GENEVIC: GENetic data Exploration and Visualization Intelligent interactive Console**

genevic

Home
PGSChat
GeneAPIChat
LiteratureSearch

Select a task from above 👆

Click Settings 👇 for Open AI credentials

Settings

**Azure OpenAI Credentials**

ChatGPT deployment name:
gpt-35-turbo

GPT-4 deployment name (if not specified, default to ChatGPT's):
gpt-35-turbo

Azure OpenAI Endpoint:
https://resourcenamehere.openai.

Azure OpenAI Key:

Submit

**Resources**
GENEVIC Architecture
Tutorial
Install and Run GENEVIC
Azure OpenAI Instructions
PGS Catalog Website
PGS Rank Database
Test Cases
Code Repository

UTHealth Houston
McWilliams School of Biomedical Informatics

**Meet the Team**
Bioinfo & Systems Medicine Lab
Organization: MSBMI, UTHH
Contact Us

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Ask where you want to go:

Click on heading below 👇 to go the respective **task** page!

**GeneAPI Chat**

Explore external Bioinformatics websites via automated web API calls
Demo APIs explored: STRING and ENRICHR
Generate **gene-gene interaction network**, one or more gene names as input
Entire functionality of STRING API replicated as is
Interactive in-app display of the network
Perform **gene enrichment analysis** with reference gene set libraries, given gene list as input
Visualize the **network graph**
Download the enrichment results as CSV and/or the visualizations in known image formats

Guided Tour 👇

GENEVIC: Video Tutorial

**Callouts:**

User prompts: simple relevant keywords or question to navigate to the respective functionality interface: **Few-shot prompt classification**

Auto-changing block: Clicking on the header will take you to respective functionality section

Resources:
Supplementary materials,
*https://github.com/anath2110/ GENEVIC_Supplementary.git*

Video Demo to aid in navigating the 3 GENEVIC functionality interfaces

Contact research and development team:
• Lab link
• School Website
• Feedback Form

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