

Epigenetic AI (Details)

What is The AI model's Use case?

Cancer Type:

This AI will be aiming to be a more general model instead of specifically focusing on different types of cancers on different organs/tissues. The goal is to create a versatile system that can analyze epigenetic patterns across various cancer types, potentially uncovering common mechanisms or biomarkers. This approach allows for a broader understanding of cancer epigenetics and may lead to more universally applicable diagnostic or therapeutic strategies.

Epigenetic Marks:

This AI will use different epigenetic markers such as DNA methylation, Histone modifications, and Non-Coding RNA detection (Check [Questions page](#) for more info). This will help the AI to understand and train itself to be able to detect extreme early stages of cancer.