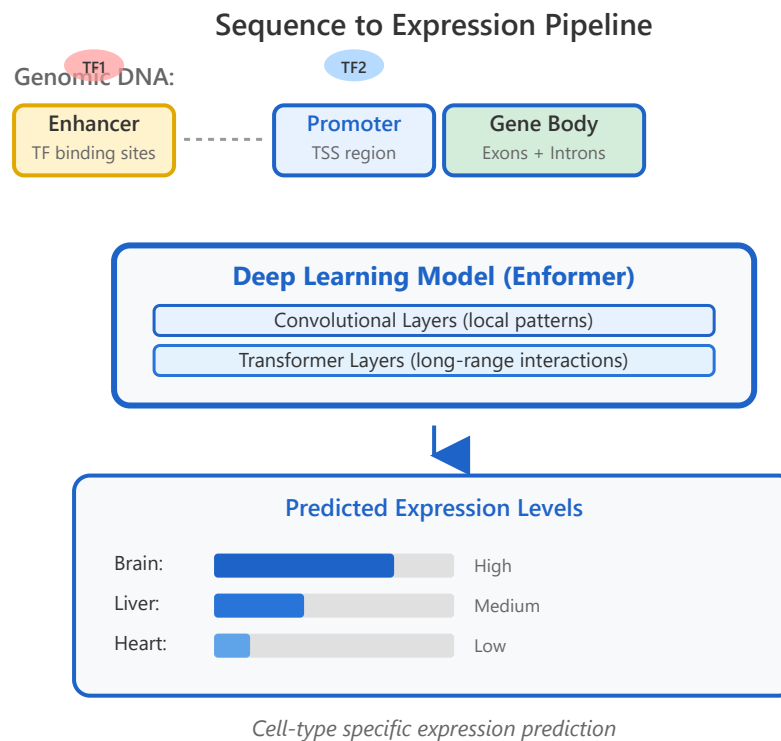


# Gene Expression Prediction



## Sequence to expression

DNA → RNA abundance mapping

## Promoter models

TSS region activity prediction

## Enhancer grammar

TF binding syntax learning

## Cell type specificity

Context-dependent prediction

## Enformer architecture

Transformer + CNN hybrid model