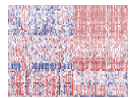


Input Data

Expression



ssGSEA

CD8+ T cell Score



Genomic Variation
Features

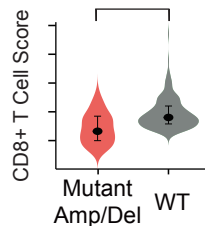
SNV

CNV

Genomic Variation features Pre-filtering

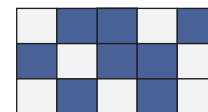
Wilcoxon rank-sum test

$P < 0.05$

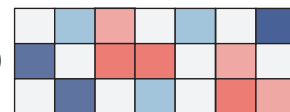


Input Genomic Variation features

SNV status profile

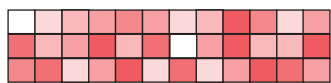


CNV threshold profile



+

Input Embedding



Position Encoding

+

Multi-Head
Attention

Add
&
Norm

Feed
Forward

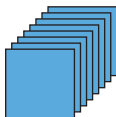
+

MLP

CD8+ T cell Score



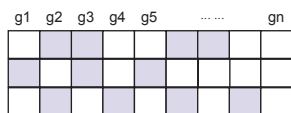
Attention Matrix



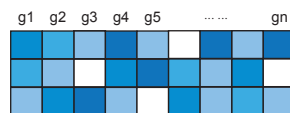
Sum by columns

$$\text{Explanatory Ratio} = \log_2 \left(\frac{|\hat{y}^{0j} - y|}{|\hat{y} - y|} \right)$$

Explanatory Ratio Matrix



×



Weighted

CD8+ T cell-regulators

Weighted Explanatory Factor

