Generating weighted ensemble templaets of BioNetGen language models

Abstract

WEBNG is schnasty

Outline

1. Let's try to see what works and what doesn't

Figure 1: Here is an example image

Some tex math

$$\begin{aligned}
\mathtt{0} &\rightarrow \mathtt{A} \quad k_A^+ \\
\mathtt{B} &\rightarrow \mathtt{0} \quad k_B^- \\
\mathtt{A} + \mathtt{B} &\rightarrow \mathtt{A_B} \quad k_{AB}^+ \\
\mathtt{A_B} &\rightarrow \mathtt{A} + \mathtt{B} \quad k_{AB}^- \\
\mathtt{C} + \mathtt{A_B} &\rightarrow \mathtt{A_B_C} \quad k_{ABC}^+ \\
\mathtt{A_B_C} &\rightarrow \mathtt{C} + \mathtt{A_B} \quad k_{ABC}^- \\
\mathtt{A_B} &\rightarrow \mathtt{A_P} + \mathtt{B} \quad k_{cat}
\end{aligned}$$

This is a new line

And a table

Table 1: Interpretation of reaction activity based on stoichiometry

Reactant	Product	Interpretation	SCT Entry
0	A	Synthesis	No entry
B	0	Degradation	No entry
A, B	A_B	NA	No entry
A_B	A, B	Complexation	A_B = [A, B]
X	X_m	Modification	A_P = [A]