

Article 5: questions

Nicolas E. Buchler, Ulrich Gerland, and Terence Hwa: On schemes of combinatorial transcription logic. *Proceedings of the National Academy of Sciences of the United States of America* (2003)

Question 1:

How is gene transcription quantified in the model described in the text?

Question 2:

What are the assumptions regarding protein-protein interactions in the model, and how are these interactions quantified?

Question 3:

How are more complex regulatory functions, involving three or more inputs, implemented in the model?

Question 4:

How is the logic function "AND gate" implemented in the model, and what conditions enable its functionality?