

Testing Effects of Transfection on Mammalian Cytokine RNA Expression

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Abstract—The short abstract (50-80 words) is intended to give the reader an overview of the work.

Fig. 1. Simulation results on the AWGN channel. Average throughput k/n vs E_s/N_0 .

I. INTRODUCTION

II. METHODS

A. Purification

B. Reverse Transcription

The mRNA must be converted into cDNA.

C. Q_t PCR

D. Analysis

Used $\Delta\Delta Ct$ method

III. RESULTS

The mRNA was purified and converted to cDNA. The resulting concentration was relatively high compared to peers. This eludes that the treatment for these cells of polycationic DNA for 24 hours could result in higher transcription rates.

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References should be cited as numbers, and should be ordered by their appearance (example: "... as shown in [1], ..."). Only references that are actually cited can be listed in the references section. The references' format should be evident from the examples in this text.

References should be of academic character and should be published and accessible. Your advisor can answer your questions regarding literature research. You must cite all used sources. Examples of good references include text books and scientific journals or conference proceedings. If possible, citing internet pages should be avoided. In particular, Wikipedia is *not* an appropriate reference in academic reports. Avoiding references in languages other than English is recommended.

Figures and tables should be labeled and numbered, such as in Table I and Fig. 1.

IV. DISCUSSION

V. CONCLUSION

This section summarizes the paper.

REFERENCES

- [1] J. Hagenauer, E. Offer, and L. Papke. Iterative decoding of binary block and convolutional codes. *IEEE Trans. Inform. Theory*, vol. 42, no. 2, pp. 429-445, Mar. 1996.
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- [4] F. R. Kschischang. Giving a talk: Guidelines for the Preparation and Presentation of Technical Seminars. <http://www.comm.toronto.edu/frank/guide/guide.pdf>.
- [5] IEEE Transactions L^AT_EX and Microsoft Word Style Files. <http://www.ieee.org/web/publications/authors/transjnl/index.html>

TABLE I
SIMULATION PARAMETERS

Information message length	$k = 16000$ bit
Radio segment size	$b = 160$ bit
Rate of component codes	$R_{cc} = 1/3$
Polynomial of component encoders	$[1, 33/37, 25/37]_8$