# 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.**

## I. INTRODUCTION

## II. METHODS

### A. Purification

### B. Reverse Transcription

The mRNA must be converted into cDNA.

### C. Qt PCR

### D. Analysis

Used $\Delta\Delta ctmethod$

## 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.

The report can be written in LaTeX or Microsoft Word, but LaTeX is definitely preferred. Its appearance should be as close to this document as possible to achieve consistency in the proceedings.

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.

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

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 | $[1, 33/37, 25/37]_8$ |

## IV. DISCUSSION

## V. CONCLUSION

This section summarizes the paper.

## REFERENCES

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