NetworkAnalyzer Tutorial #2
Visualizing Experimental Data

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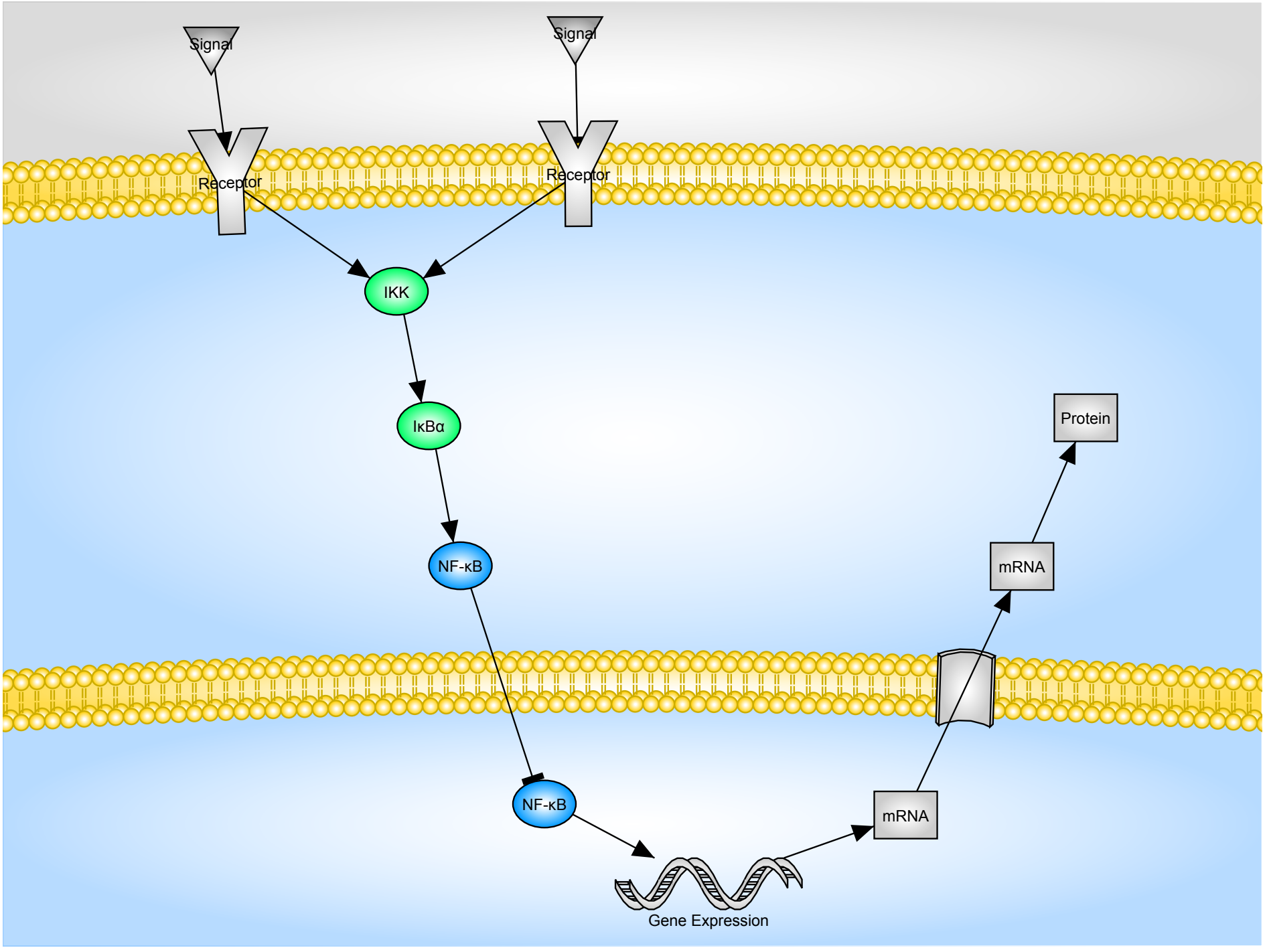
Signal
Signal
Receptor
Receptor
IKK
IκBα
NF-κB
NF-κB
Protein
mRNA
mRNA
Gene Expression

Tutorial #1
Creating Network Models

- Register a NetworkAnalyzer user account
- Create an NF-κB network model
- Export images of the NF-κB network
- Save the network to the NetworkAnalyzer database

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- Associate the network with experimental data from CytoBank
- Export animations of the NF-κB network

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Tutorial #3
Advanced Topics

- Automatic network layout
- Advanced rendering options
- Collaboration: sharing & publishing networks

Outline

- Login to NetworkAnalyzer
- Open NF-κB network
- Open Experiment Manager
- Associate network with experimental data
- View animation
- Explore heatmaps
- Logout

Summary

- Opened the saved NF-κB network
- Associated the network with experimental data from CytoBank
- Exported animations of the NF-κB network

Next Time

- Automatic network layout
- Advanced rendering options
- Collaboration: sharing & publishing networks

Questions

covertlab.stanford.edu/projects/NetworkAnalyzer

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