NetworkPainter Tutorial #3
Advanced Topics

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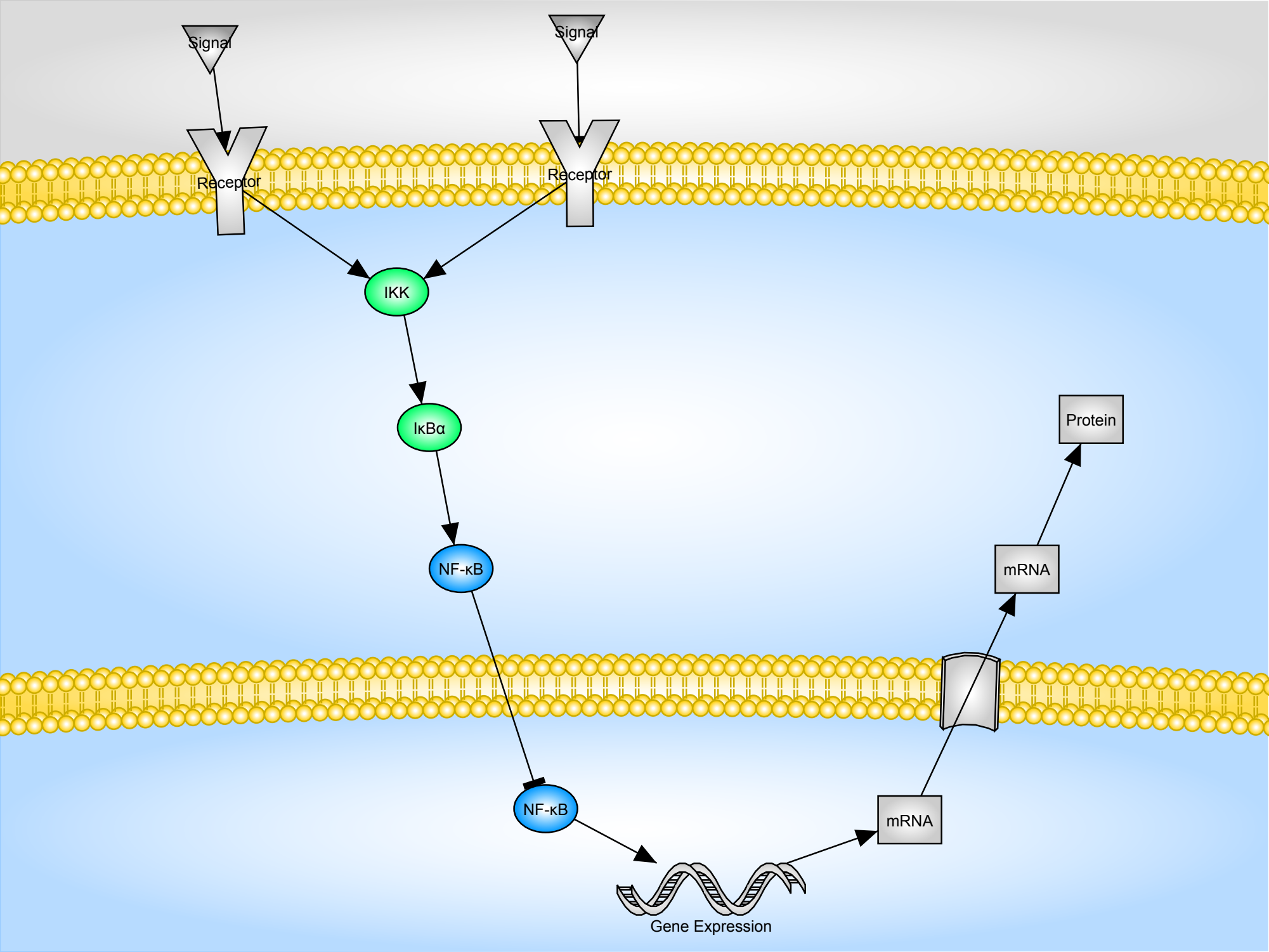
Signal
Signal
Receptor
Receptor
IKK
IκBα
NF-κB
NF-κB
Gene Expression
mRNA
mRNA
Protein

Tutorial #1
Creating Network Models

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

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Visualizing Experimental Data

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- Associate the network with experimental data
- 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

- Navigate to `covertlab.stanford.edu/projects/NetworkPainter`
- Login to NetworkPainter
- Open NF-kB network
- Run automatic layout
- Explore editor mode
- Explore advanced rendering options
- Open Network Manager
- Share network with other users
- Publish network
- Logout

Summary

- Automatically layed out the NF-κB network
- Explored advanced rendering options
- Shared & publishing the NF-κB network

Questions

covertlab.stanford.edu/projects/NetworkPainter