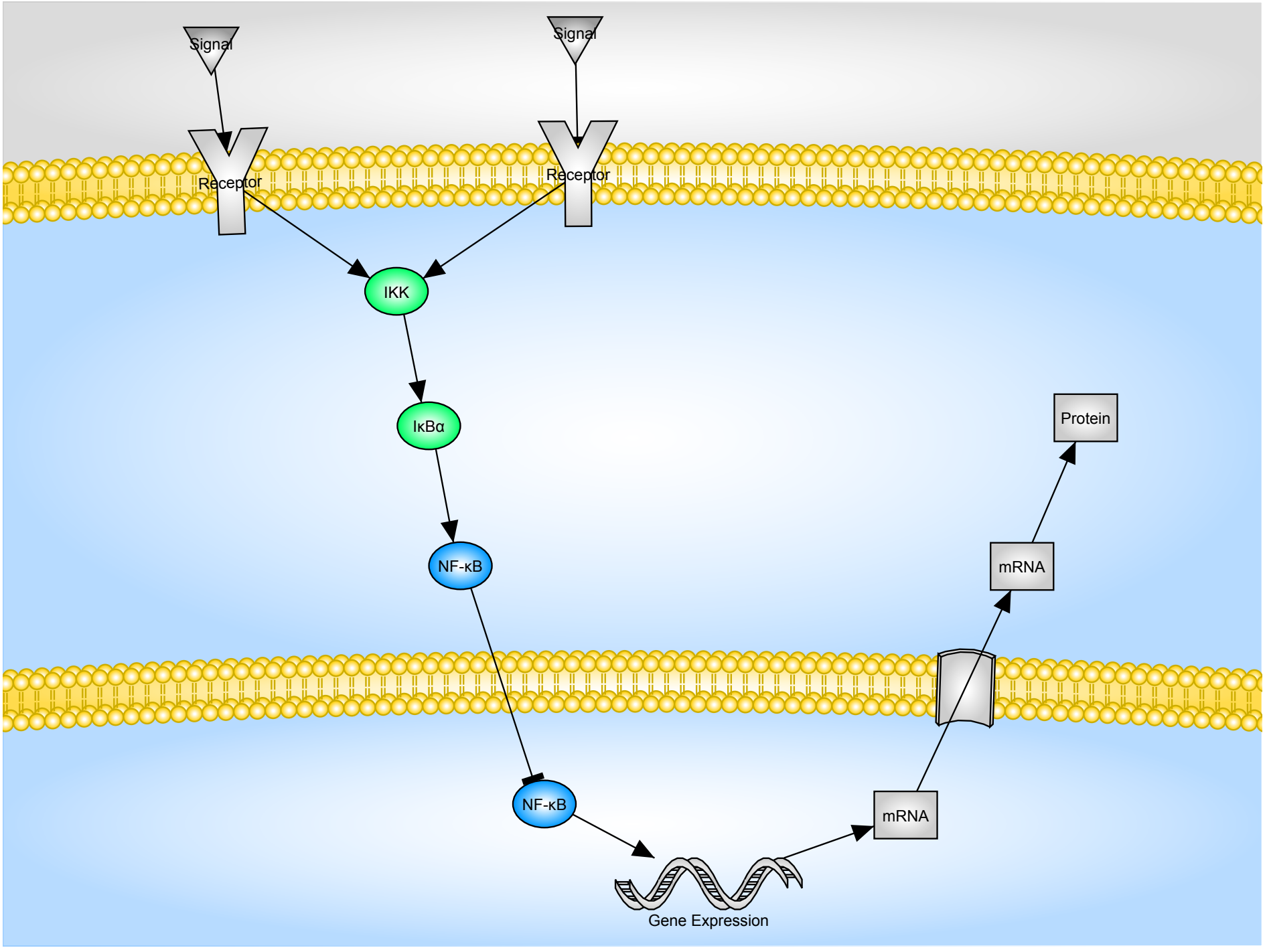
NetworkAnalyzer Tutorial #1
Creating Network Models

Jonathan R. Karr
jkarr@stanford.edu

Department of Bioengineering
Stanford University


Signal
Signal
Receptor
Receptor
IKK
IκBα
NF-κB
NF-κB
mRNA
mRNA
Protein
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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- Open the saved NF-κB network
- 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

- Navigate to `covertlab.stanford.edu/projects/NetworkAnalyzer`
- Explore website – gallery, tutorials, help
- Register new user account
- Login to NetworkAnalyzer
- Demonstrating creating new network in diagram mode
- Save network to database
- Logout

Summary

- Registered a new NetworkAnalyzer user account
- Created an NF-κB network model
- Exported images the NF-κB network
- Saved the network the NetworkAnalyzer database

Next Time

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

Questions

covertlab.stanford.edu/projects/NetworkAnalyzer

NetworkAnalyzer@lists.stanford.edu