

## **AUTHENTICATION OF KEY BIOLOGICAL AND/OR CHEMICAL RESOURCES**

### ***Cell Lines***

All [REDACTED] cell lines will be obtained directly from the American Type Culture Collection. They will be initially expanded and frozen in multiple aliquots. They will not be maintained in cell culture for more than 20 passages.

### ***Specialty Chemicals***

No specialty chemicals will be used in these studies.

### ***Antibodies***

Antibodies that are obtained from commercial sources or other research laboratories will be tested using extracts of cells that have been treated with the corresponding RNAi oligonucleotides, using suitable negative controls to ensure that a band of appropriate molecular weight is no longer detected after knockdown. Preliminary screening of antibodies will involve examining the whole gel for any non-specific bands and determining whether any of these are sensitive to RNAi-mediated knockdown. At least two distinct targeting sequences will be used for the RNAi analyses to reduce the likelihood of off-target effects. Knockdown will be confirmed by assessing levels of mRNA by RT-qPCR.

### ***Other Biologics***

No other biologics will be used in these studies.

### ***Plasmids***

All plasmids that are obtained from other laboratories or that are generated in one of our two laboratories will be subjected to sequencing to confirm their identity prior to any use.