

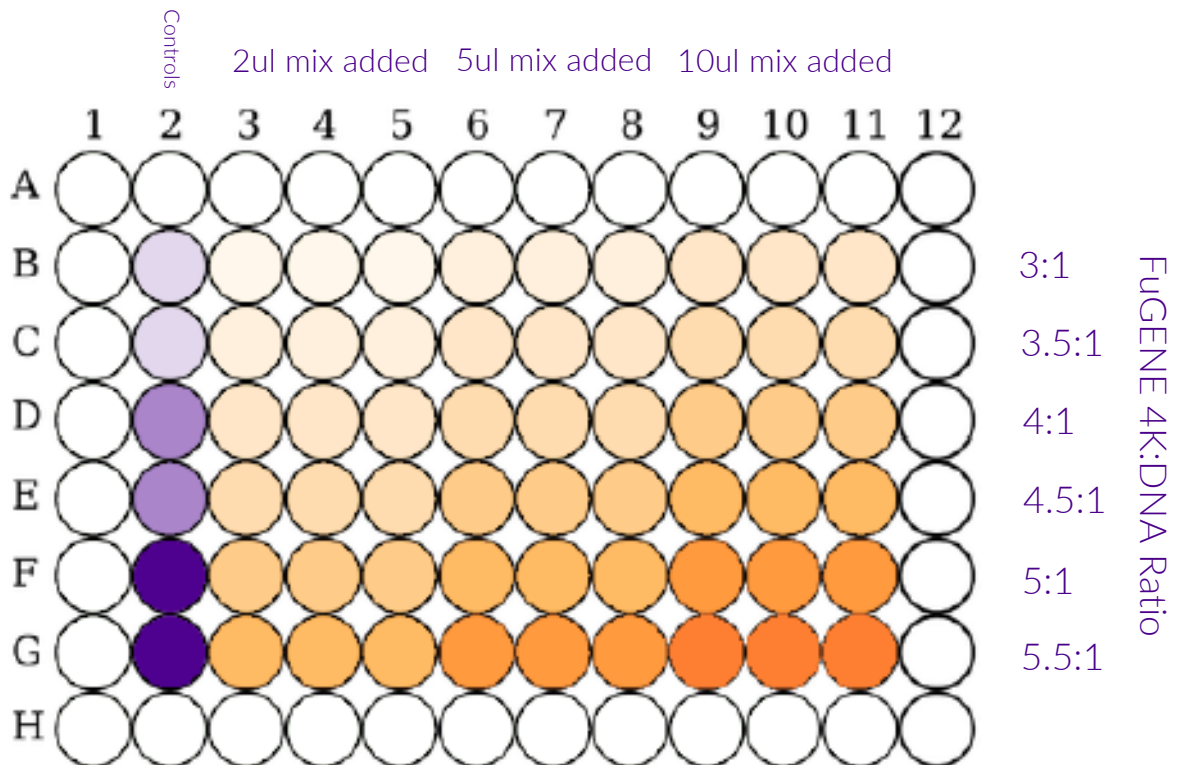


# FuGENE 4K

## Optimization Guide

To get the best transfection results it is always recommended to optimize transfection reagent conditions for each new cell line and application. Please see below for recommended set-up of 96-well microplate with FuGENE 4K®

Amount of FuGENE 4K & DNA Mix added to Cells



- 1.) Utilize FuGENE 4K users guide for detailed protocol
- 2.) Length of time of incubation of FuGENE and DNA (5-30 minutes) can also be optimized for increased performance.
- 3.) If FuGENE 4K® to DNA Ratio 5.5:1 yields highest transfection efficiency please re-optimize using matrix of ratios from 6:1 to 12:1
- 4.) For additional questions and optimization advice please contact us at [www.fugene.com](http://www.fugene.com)