

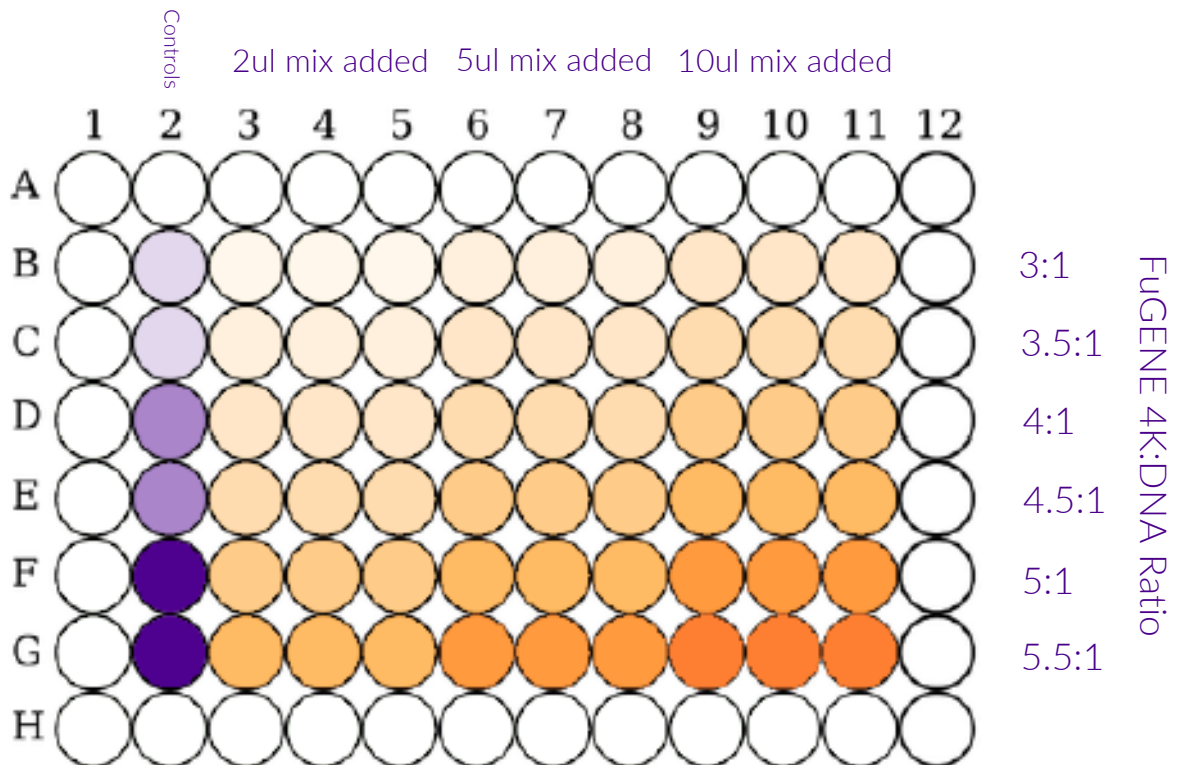


FuGENE 4K

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