

Transfection of J774 Macrophages Using Fugene[®] HD from Roche

Based on preliminary experiments conducted by Barish Ozdamar in Fred Maxfield's lab, Fugene[®] HD from Roche consistently gives 5-10% transfection efficiency in J774 macrophages. The Roche protocol (<https://www.roche-applied-science.com/pack-insert/1814443a.pdf>) is followed, with an optimal effect at a ratio of 5 μ l reagent to 2 μ g DNA. Going too high with the reagent caused a small amount of cell death.