

Optimization matrix	I	II	III	IV	V	VI	VII	VIII
Transfection reagent [ $\mu$ L]	0.50	0.50	0.75	0.75	1.25	1.25	2.25	2.25
Antibody/GFP [ $\mu$ g]	1.00	2.00	1.00	2.00	1.00	2.00	1.00	2.00

**Supplemental Table S1** Optimization matrix for solid-phase reverse protein transfection. Two transfection reagents Lipofectamine®3000 and Lipofectamine®RNAiMAX were used. The transfection mixtures were prepared in a low volume 384-well plate (for details see Methods).