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Abbreviations: CFP, cyan fluorescent protein; DMEM, Dulbecco's modified Eagle medium; DSG, disuccinimidyl glutarate; eEF1A, eukaryotic elongation translation factor 1A; EGF, epidermal growth factor; EGFP, enhanced GFP; ERK, extracellular signal-regulated kinase; FRET, fluorescence resonance energy transfer; FBS, fetal bovine serum; INFalpha, interferon alpha; GFP, green fluorescent protein; YFP, yellow fluorescent protein; ROI, region of interest;

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