



S4 Figure. Comparison of blebbing produced by transfection of neurons with GluN2A-P552R cDNA (related to **Figure-8, S5 Fig, and RESULTS**). Morphological features of rat cortical neurons in culture (DIV 18-19) expressing GFP and either GluN2A WT (0.6 μg ; see **Methods** and **Fig. 8**), or GluN2A-P552R (0.6 μg) for 24 hours. Blebs are a telltale and nearly ubiquitous sign of neuronal expression of GluN2A-P552R, but not GluN2A WT. Panels are representative of 5 independent transfection experiments for each vector, not necessarily paired across rows. Scale bar = 100 μm .