

(+) = activation of stretch receptor; (-) = no activation of stretch receptor; (n) = no data available.

Data collated from three independent experiments with each condition tested in triplicate (n=9).

Green shading = The optimal injection speed and injection volume chosen for use with cell monolayers. Based on these data, a 10 μL injection volume injected at 100 $\mu\text{L}/\text{s}$ onto 290 μL buffer covering the cell monolayer prevented stretch-activated calcium response. The final buffer volume in each well was always maintained at 300 μL .