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Supplementary Figure S4

Activation of Bax by overexpression of Puma in Q97-expressing neurons. SCG cultures were infected with Q97 and cultured for two days before infection with Ad-Puma-GFP. After 24 hours, neurons were fixed and immunostained for active Bax. Fluorescent images show two cells (indicated with arrows) with intense immunoreactivity for active Bax, yet nuclei remain non-apoptotic. Active Bax was detected with 1D1, which binds to the exposed N-terminus. Bax was recruited to mitochondria and activated in $38 \pm 6\%$ of Q97-expressing neurons (mean $\pm$ range, 2 independent experiments with duplicate infections). Scale bar = 10 μm .

