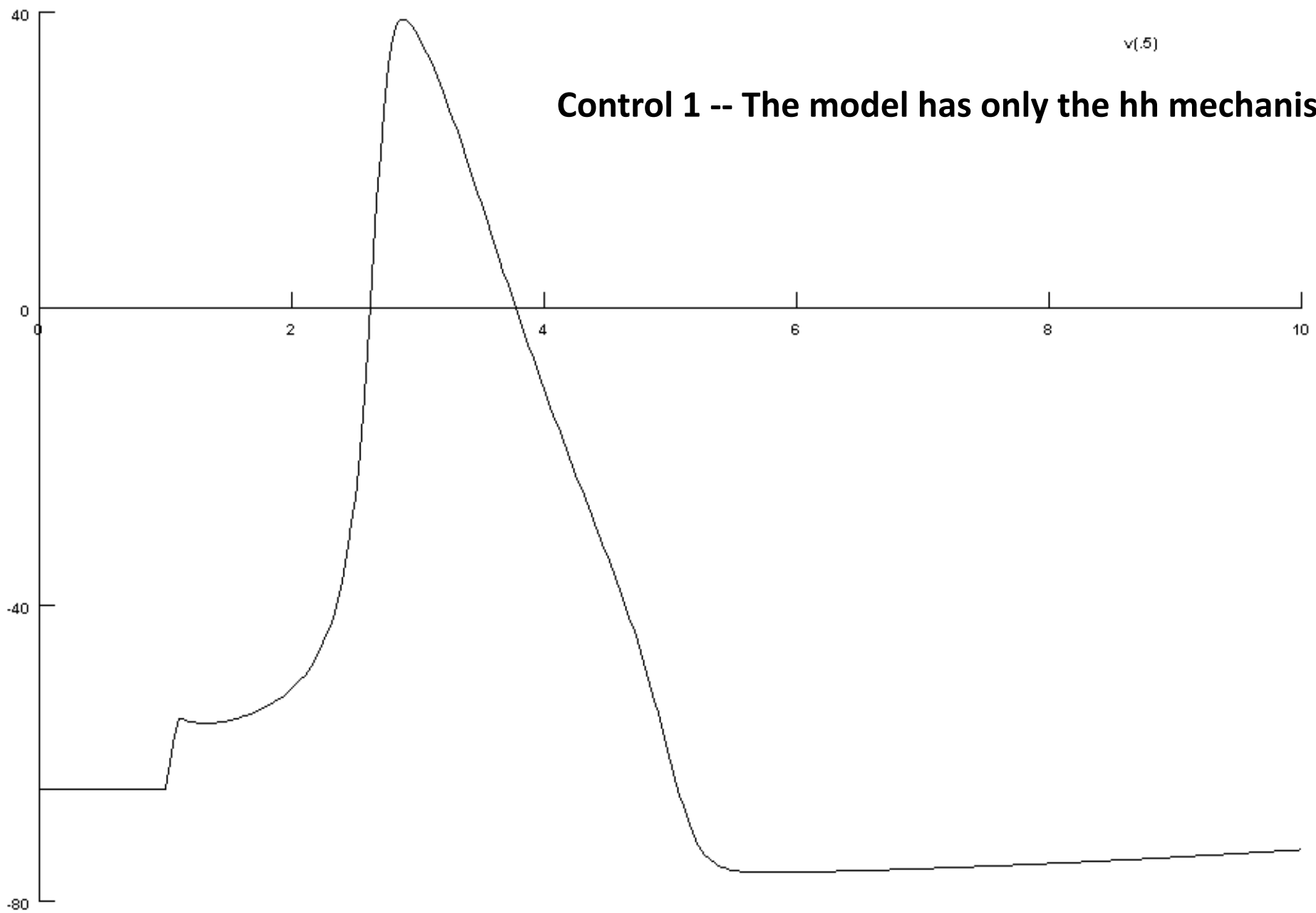
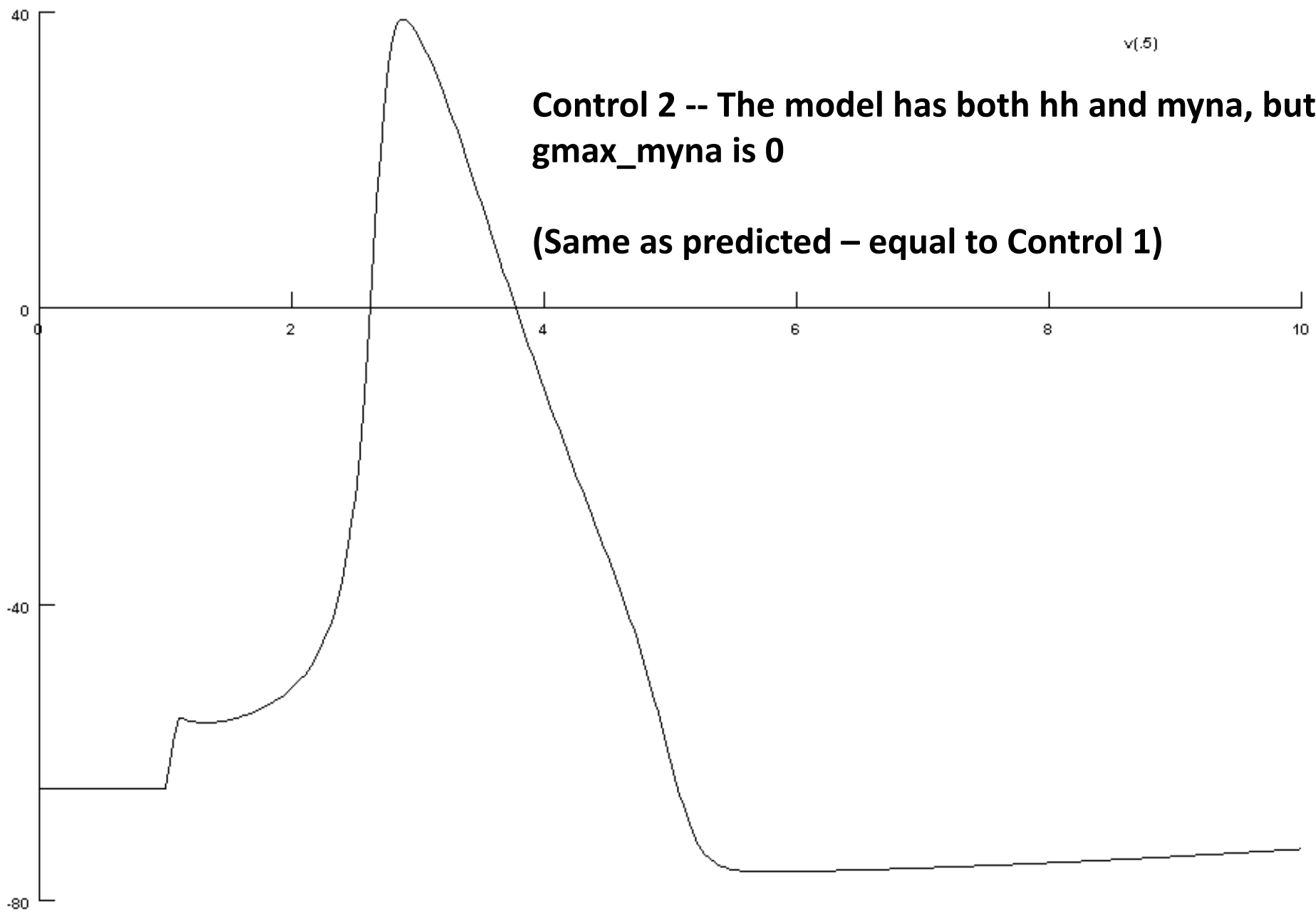


Lab U

Channel Builder

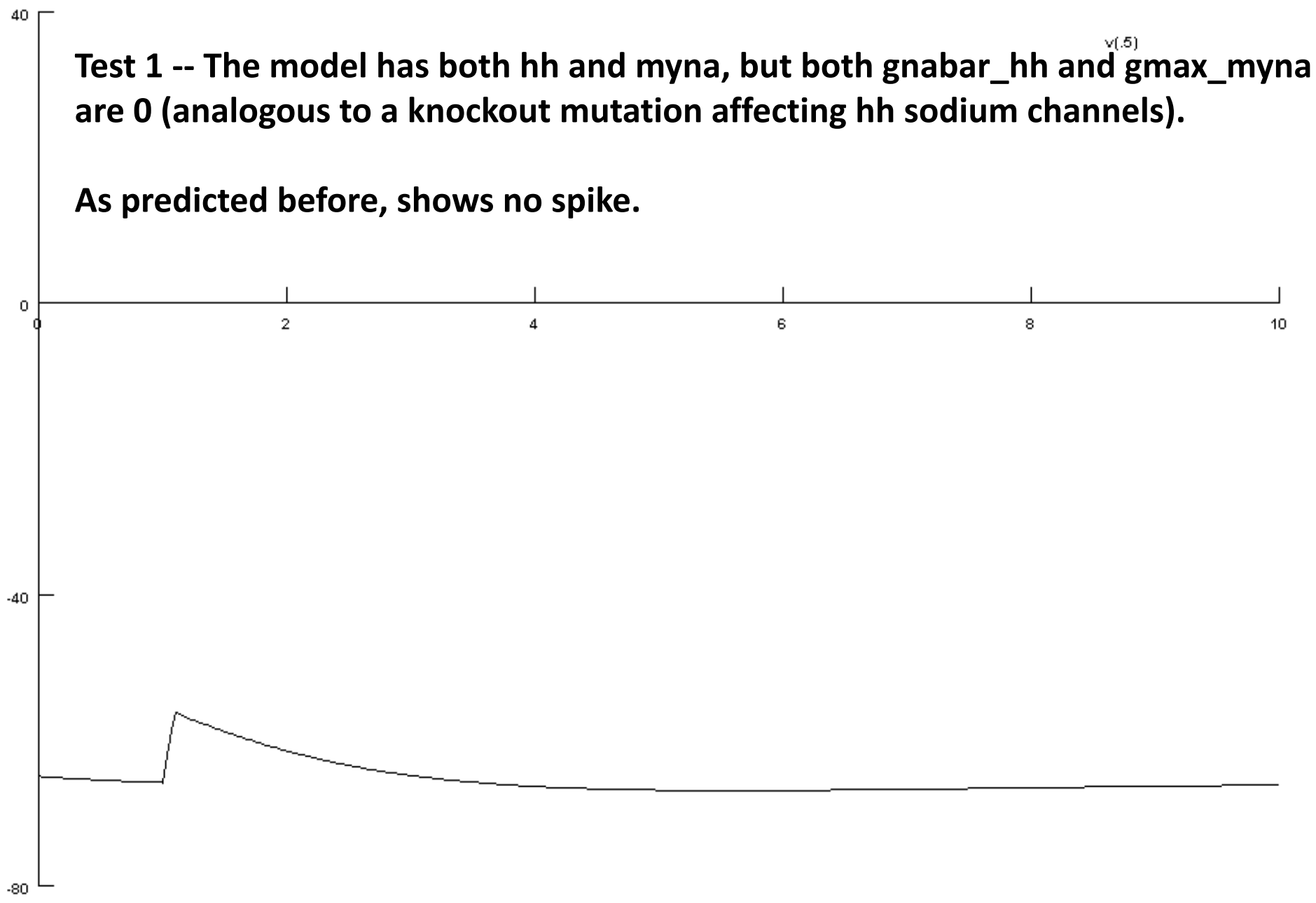


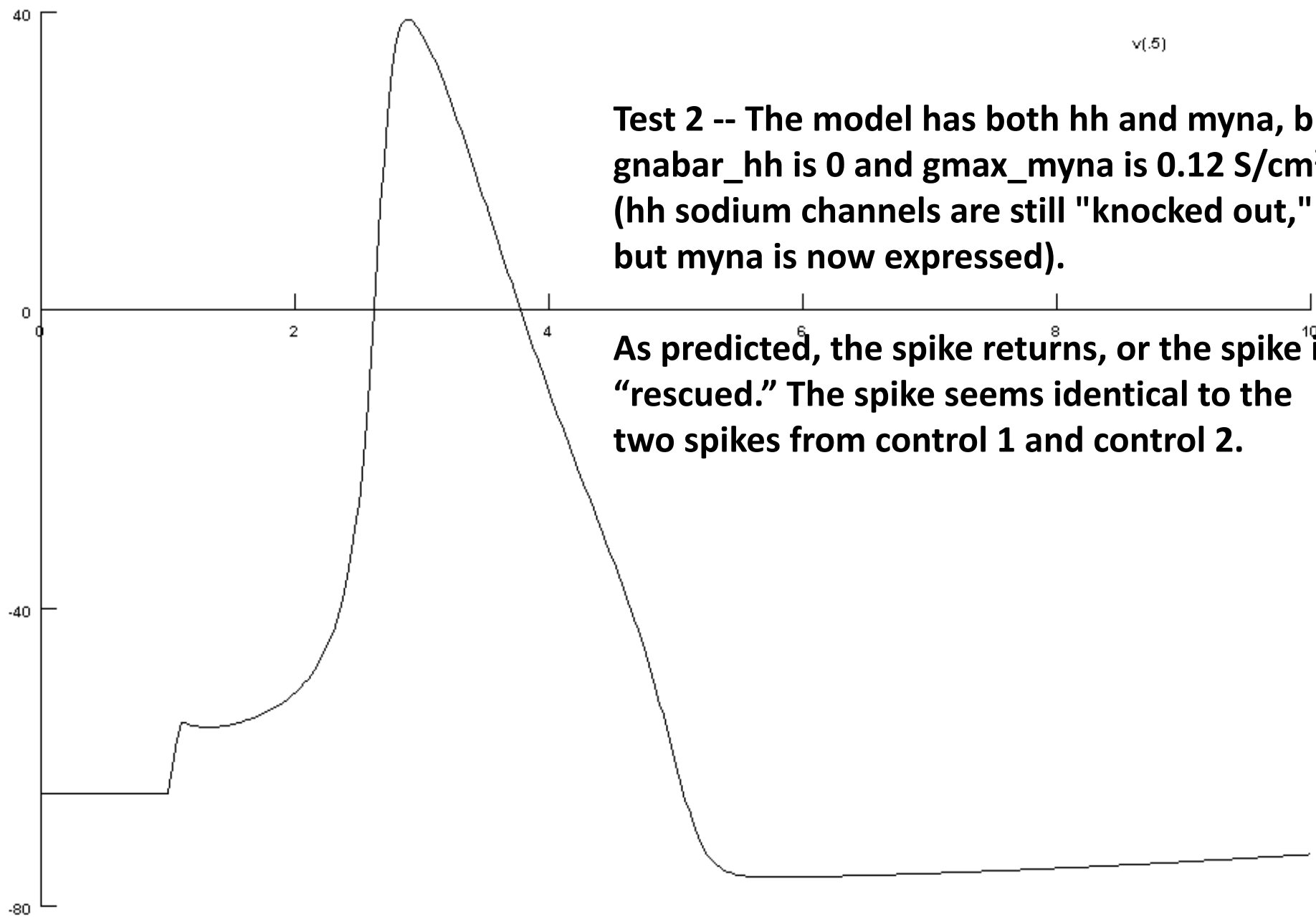
Control 1 -- The model has only the hh mechanism



Control 2 -- The model has both hh and myna, but gmax_myna is 0

(Same as predicted – equal to Control 1)





Test 2 -- The model has both hh and myna, but `gnabar_hh` is 0 and `gmax_myna` is 0.12 S/cm² (hh sodium channels are still "knocked out," but myna is now expressed).

As predicted, the spike returns, or the spike is "rescued." The spike seems identical to the two spikes from control 1 and control 2.