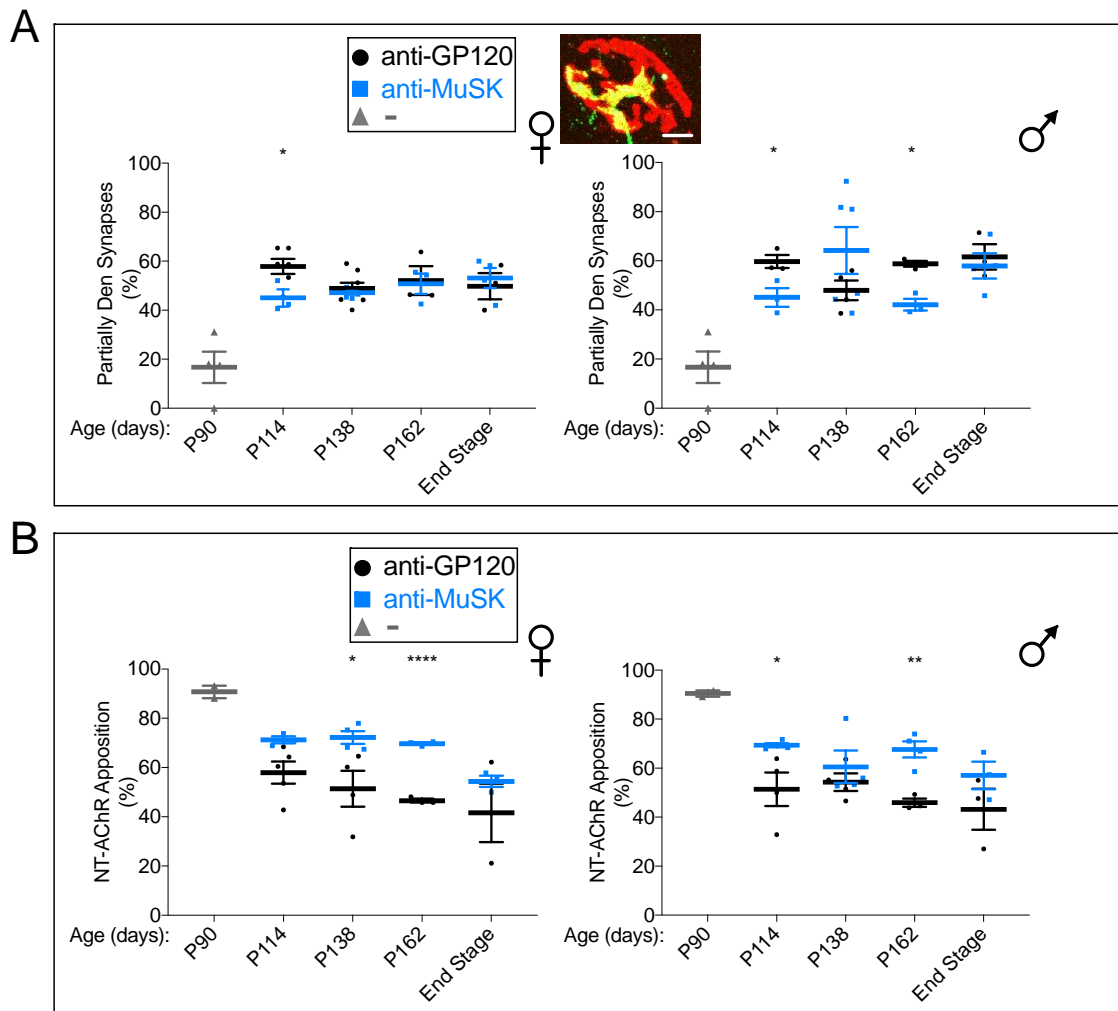


Figure 4- Figure Supplement 3



Chronic dosing with the MuSK agonist antibody increases the extent of nerve terminal coverage at partially innervated synapses in *SOD1 G93A* mice. (A) The number (~50%) of partially innervated synapses in *SOD1 G93A* mice is not altered by chronic injection of reverse chimera MuSK agonist antibody #13 (blue square). The inset shows a representative partially innervated synapse (scale bar=20 μ m). (B) The extent of the AChR-rich postsynaptic membrane that is apposed by nerve terminals (NT) is greater in *SOD1 G93A* mice injected with the MuSK agonist antibody (blue square) than with a control antibody to GP120 (black circle). The scatter plot shows the values for individual mice, as well as the mean values and SEM; * $p < 0.05$, ** $p < 0.01$, **** $p < 0.0001$.