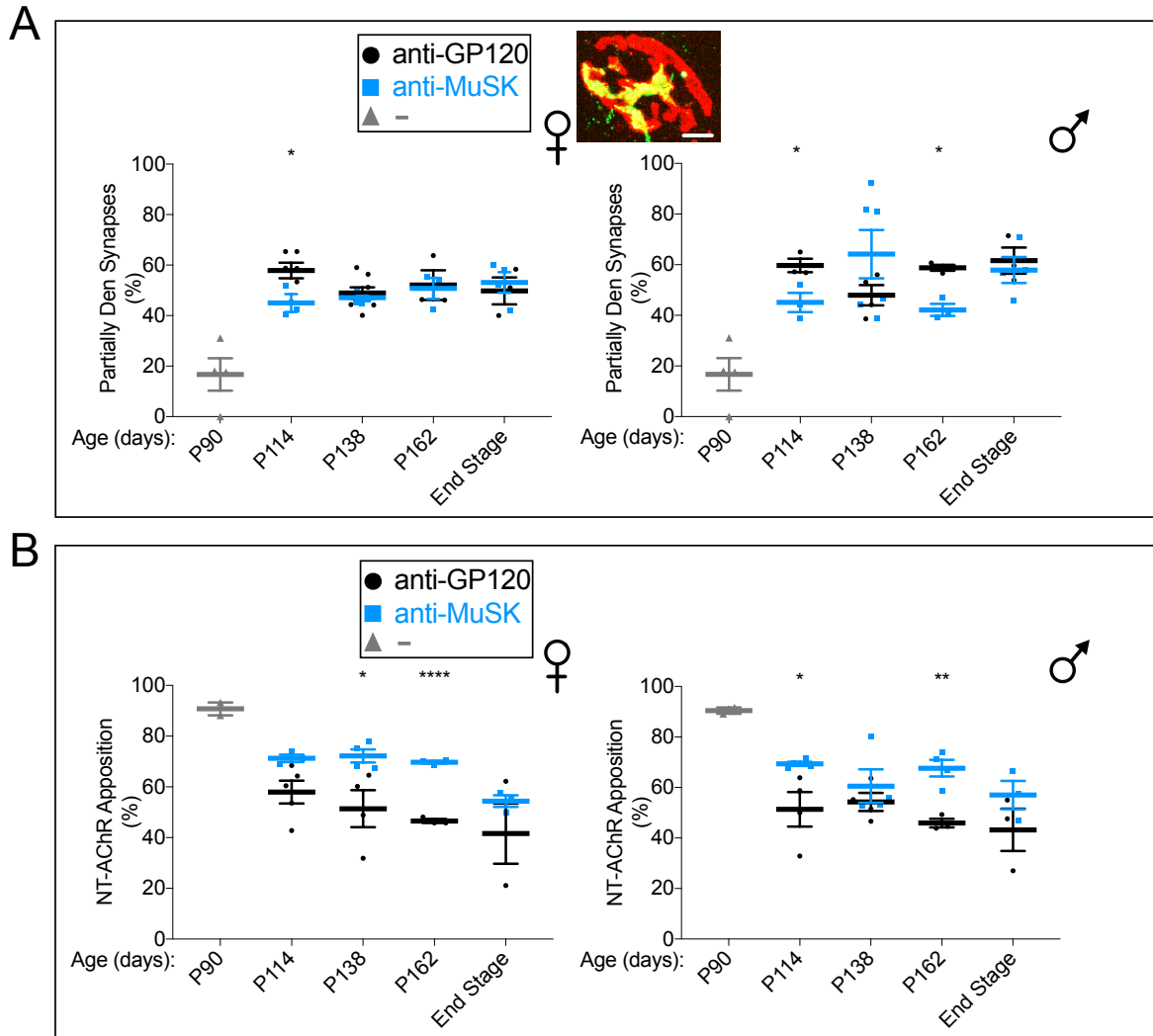


**Figure 4- Figure Supplement 3**



**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 (■). The inset shows a representative partially innervated synapse (scale bar=20µm). (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 (■) than with a control antibody to GP120 (•). The scatter plot shows the values for individual mice, as well as the mean values and SEM; \*  $p < 0.05$ , \*\*  $p < 0.01$ , \*\*\*\*  $p < 0.0001$ .