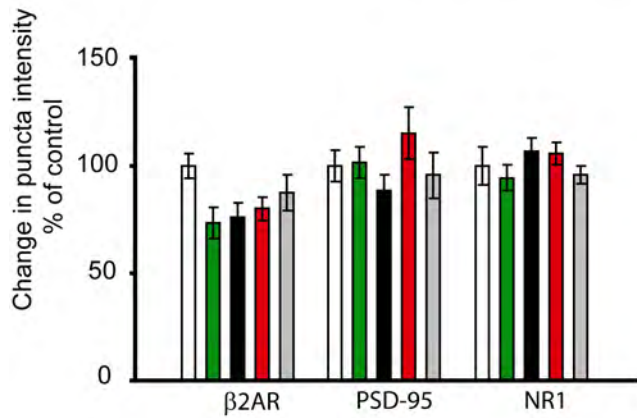
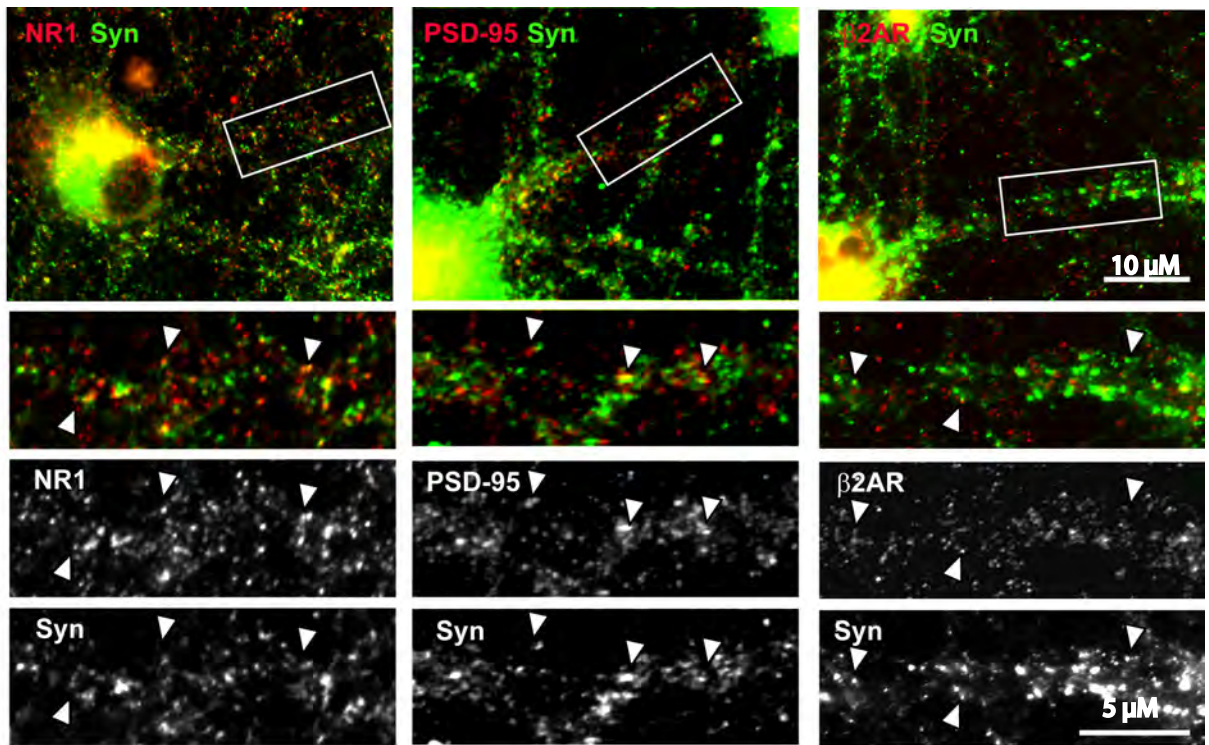
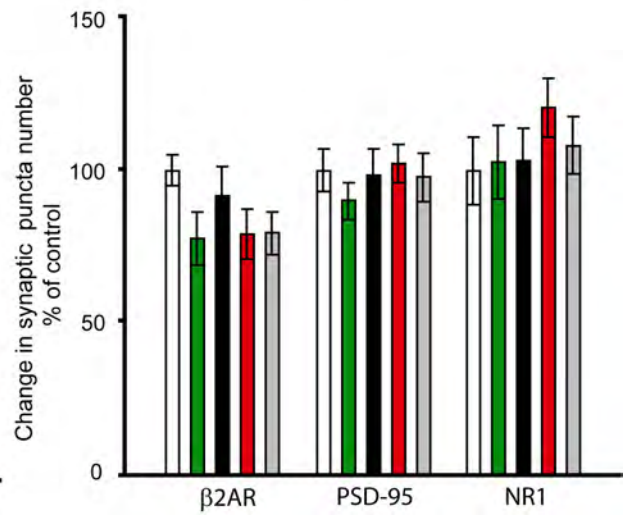
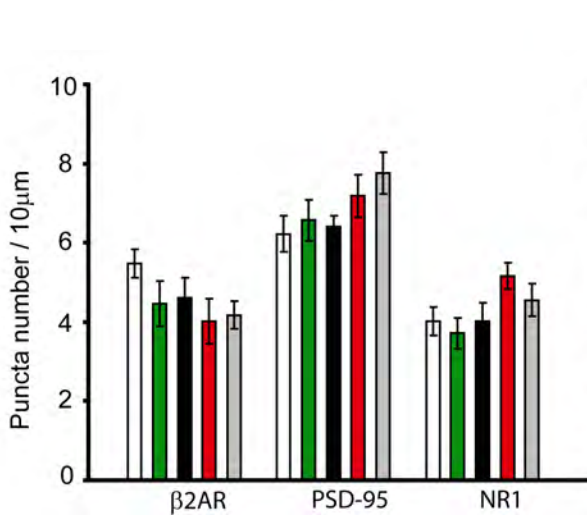


Supplemental Figure 5



n = 13 to 18 cells per group



Supplemental Figure 5. Peptides do not affect distribution of NMDAR, PSD-95 and β 2AR under basal conditions. Primary hippocampal cultures (18 DIV) were left untreated or treated with the membrane-permeable peptides 11R-QGRNSNTNDSPL (**DSPL**) and 11R-VYKKMPSIE**SDV** (**ESDV**) versus their inactive analogues 11R-QGRNSNTN**DAPA** (**DAPA**) and 11R-VYKKMPSIE**ADA** (**EADA**; 1 μ M each) for 2 h before fixation, permeabilization, and double-labeled with anti-synaptophysin antibody (green) plus either anti-NR1, anti-PSD-95, or H2O against the β 2AR. Changes in puncta intensity, number per 10 μ m, and synaptic puncta number are quantified below (averages+SEM for 13-18 neurons per condition from 3 independent experiments).