|  |  |  |  |
| --- | --- | --- | --- |
|  |  | **# Cells** | **Mean ± SEM** |
| **PTP** | | | |
|  | wt | 16 | 62 ± 12 % |
|  | αβ dko + PKCβD/A-YFP | 16 | 3.6 ± 2.2 % |
| wt vs. α ko: p = 0.69  wt vs. αβ dko: p < 0.01  wt vs. αβ dko + PKCβWT-YFP: p = 0.92  wt vs. αβ dko + PKCβD/A-YFP: p < 0.01  αβ dko vs. αβ dko + PKCβWT-YFP: p < 0.01  αβ dko vs. αβ dko + PKCβD/A-YFP: p = 0.91 | | | |
| **PDBu** | | | |
|  | wt | 8 | 97 ± 12 % |
|  | αβ dko + PKCβD/A-YFP | 7 | 98 ± 23 % |
| wt vs. αβ dko + PKCβD/A-YFP: p = 0.99  αβ dko vs. αβ dko + PKCβWT-YFP: p < 0.01  αβ dko vs. αβ dko + PKCβD/A-YFP: p < 0.01 | | | |
|  | | | |

**Figure 3 – source data 1.** Summary and statistical analyses of synaptic properties during PTP and PDBu-induced potentiation.