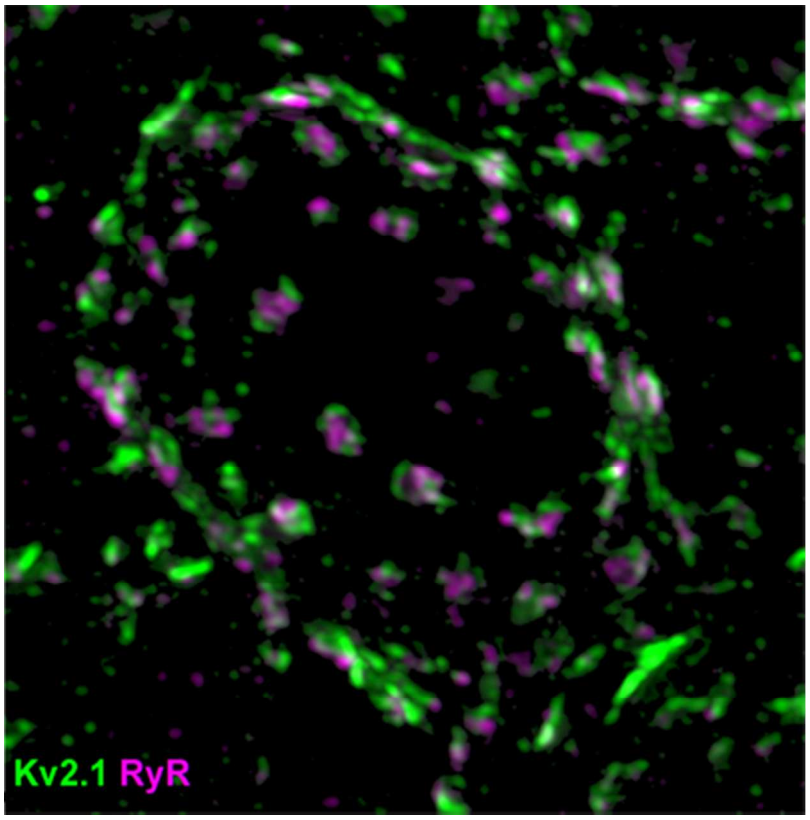
SUPPLEMENTARY FIGURE LEGEND

Supplementary Figure 1. Kv2.1 clusters are juxtaposed to clusters of RyR in striatal neurons. Mouse brain sections were double immunofluorescence labeled for Kv2.1 (green) and RyR (red). High-resolution images of the striatum were acquired with Zeiss Elyra system (SR-SIM) and Z-stacks were reconstructed using Zen software. Three dimensional representations were rotated and perspectives magnified and recorded using Zen software.

Super-resolution imaging of double label immunofluorescence of striatal medium spiny neurons demonstrates the juxtaposed clustering of the plasma membrane Kv2.1 voltage-gated K^+ channel (magenta) and ryanodine receptor (RyR) intracellular Ca^{2+}-release channels (green).



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141x142mm (72 x 72 DPI)