

Figure S1. Schematic representation of the distribution in the rostro-caudal direction of the dorsal striatum of transgenic mice of neurons containing: GFP, TH-immunopositive and AADC-immunopositive materials (black asterisks); GFP and TH-immunopositive material but no AADC-immunopositive material (red triangles); GFP but without TH-immunopositive and AADC-immunopositive materials (green circles); TH-immunopositive material but without GFP and AADC-immunopositive material (blue squares). $n = 1$.

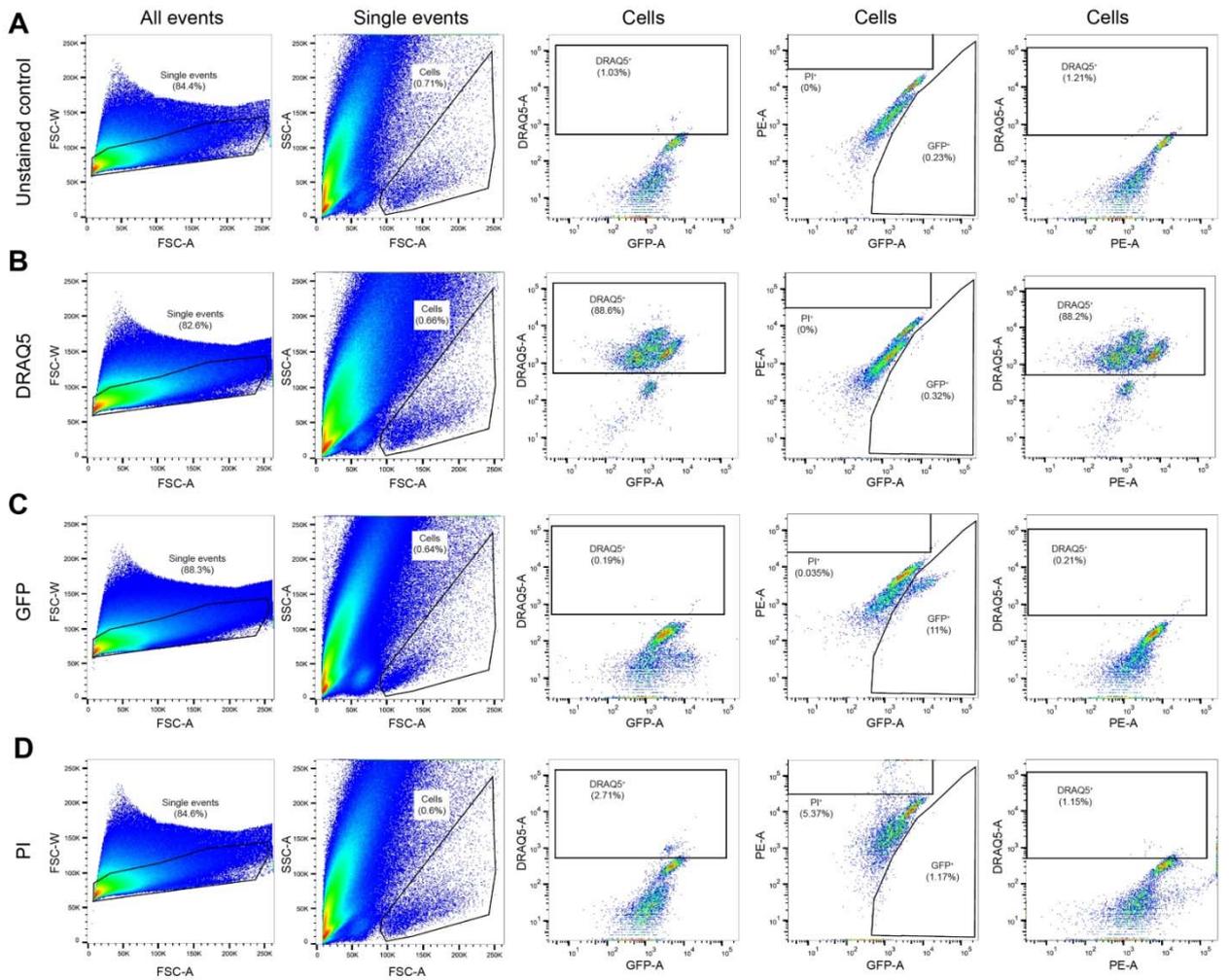


Figure S2. Unstained control and compensation controls for each fluorophore. **(A)** Unstained control. **(B)** Staining of cells with DRAQ5. **(C)** Staining of cells with GFP. **(D)** Staining of cells with PI. FSC, forward scatter; PE, phycoerythrin (detection channel); SSC, side scatter.