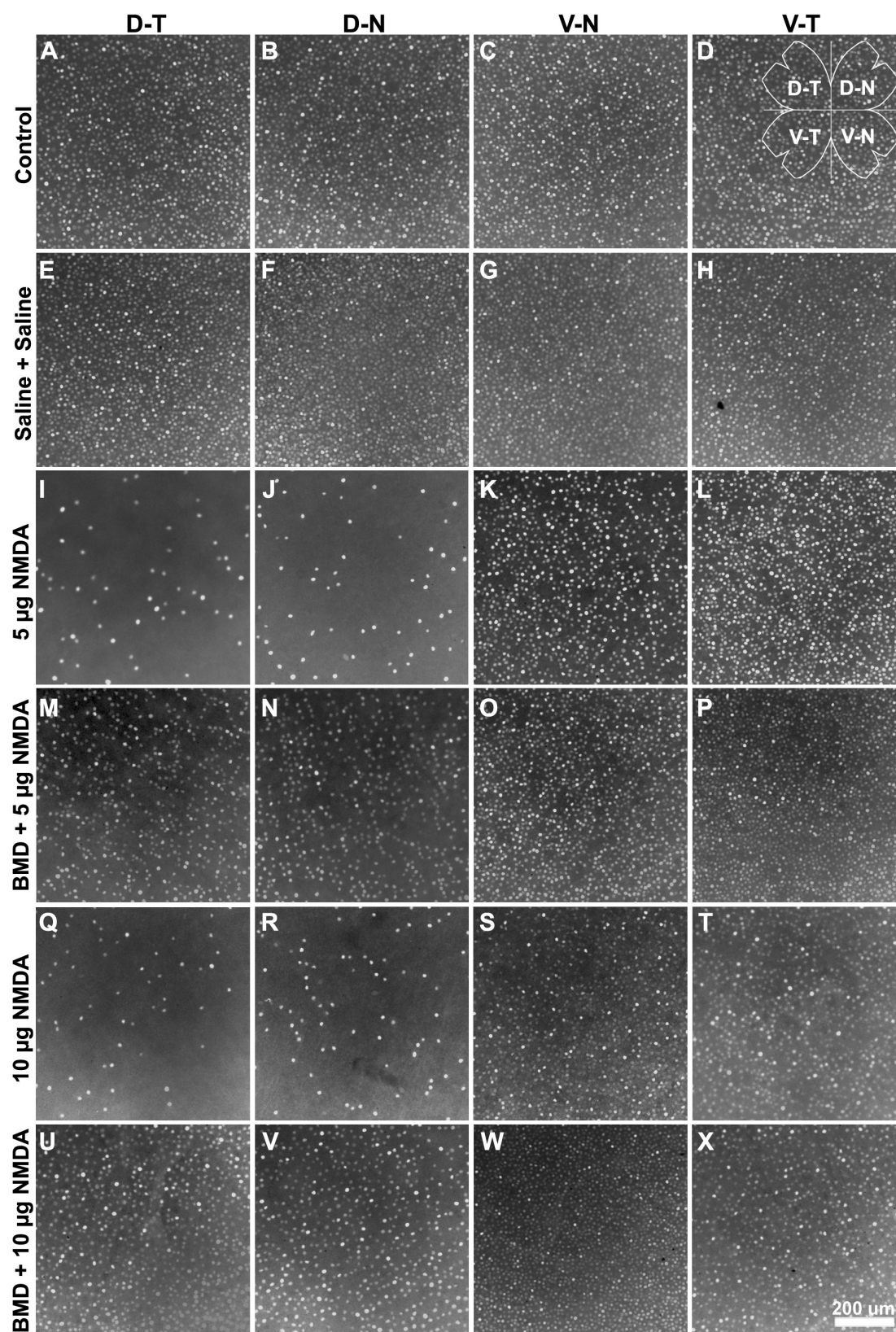


**S1 Fig. Micrographs of Brn3a+ RGC in flat-mount retina 7 days after NMDA administration with BMD pretreatment and control.**



Representative fluorescence micrographs of Brn3a<sup>+</sup> cells in the quadrants of flat-mounted retina at 7 days post-lesion. (A-D) Normal control retina with schematic diagram of the four retinal quadrants in panel D. Experimental groups were: (E-H) Injections of saline + saline, (I-L) saline + 5 µg NMDA, (M-P) brimonidine + 5 µg of NMDA, (Q-T) saline + 10 µg of NMDA, and (U-X) brimonidine + 10 µg of NMDA. BMD; brimonidine, D-T; dorso-temporal, D-N; dorso-nasal, V-N; ventro-nasal, V-T; ventro-temporal.