

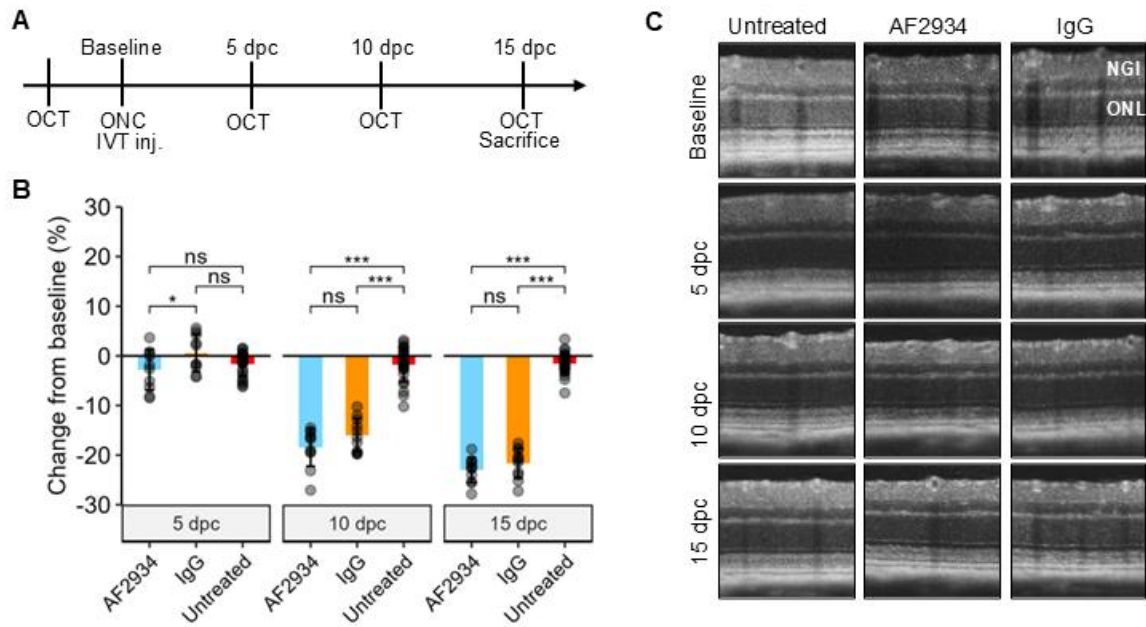


Figure S2. Sortilin inhibition using a higher dose of polyclonal antibody does not preserve inner retinal thickness. A. Experimental plan: Following baseline optical coherence tomography (OCT) scans, C57BL6/JRj mice were subjected to optic nerve crush (ONC) in one eye and sham procedure in the other eye. Immediately after mice were randomized to receive intravitreal (IVT) injection of either the anti-sortilin polyclonal antibody AF2934 or IgG control (2 μ L of 5 μ g/ μ L) in the crush eye while the other served as untreated sham control. Mice were sacrificed followed by OCT until sacrifice 15 days post crush (dpc). B. Bar plot (mean $\pm$ sd) showing quantification of NGI thickness. Statistical comparisons were performed using a linear mixed-effects model with eye nested under animal as the included random effect ($n > 10$ at each timepoint). C. Representative OCT scans at baseline and respective dpc. Significance levels: * [0.01, 0.05]; ** [0.001, 0.01]; *** [0.0001, 0.001]; **** [0, 0.0001].