



Supplementary Figure S4. GFAP in NHP retinas injected with AAV8BP2 (a–d) and AAV7m8 (e–h). At doses of $1e + 11$ vg and $1e + 12$ vg, the study looked at the presence of GFAP (red) as a marker of toxicity in areas of the retinas expressing eGFP (green). AAV8BP2-mediated eGFP expression after subretinal injections at $1e + 11$ vg (a) and $1e + 12$ vg (b), and after IVI at $1e + 11$ vg (c) and $1e + 12$ vg (d). AAV7m8-mediated eGFP expression after subretinal injections at $1e + 11$ vg (e) and $1e + 12$ vg (f), and after intravitreal injections at $1e + 11$ vg (g) and $1e + 12$ vg (h). (i and j) Secondary antibody only: negative control for GFAP on AAV7m8 transduced sections. DAPI is shown in blue and marks the nuclei. Scale bars represent $50 \mu\text{m}$.