



Supplementary Figure S5. Dot blot analysis for AAV2 vectors. About 1.42×10^{10} vector genomes of AAV2 and AAV2 K665Q vectors were spotted on PVDF membrane in equal volumes. The level of NEDD8 protein on vector capsids was probed by dot blot assay (**a**) and further quantified (**c**) as described in the Materials and Methods section. Anti-AAV capsid B1 antibody was used as a loading control (**b**). The field of view pertaining to loaded samples from the entire blot is shown in the image. Exposure time for NEDD8 and B1 antibody immune-reactive blots was 9 min 47 s and 36 s, respectively, and the mean of densitometric changes between AAV2 wild-type and AAV2 K665Q vectors at these exposures is presented in (**c**). HeLa cell lysate was used as a positive control for the assay. Data are representative from two independent biological replicates.