

Supplementary Figure S2. Targeted transcript analysis of Neddylation and SUMOylation pathway genes in response to AAV2 infection. Approximately 8×10^4 HeLa cells were infected with scAAV2-EGFP vectors at an MOI of 5×10^3 vgs/cell. At various time points, total RNA from each of the treated condition in HeLa cells was isolated and transcript levels of Neddylation target genes (**a, i-iv**) and SUMOylation target genes (**b, i-iv**) were measured by qPCR. Beta-actin was used as an endogenous control for the normalization of data. Each time point had its own mock-treated control cells, and their transcript level is denoted by *dotted line*. Data presented are representative set from two independent biological replicates. Paired *t*-test was performed to determine the statistical significance. Data are expressed as mean \pm SD, n=3, * $p \le 0.05$. qPCR, quantitative polymerase chain reaction.