

## Figure S1

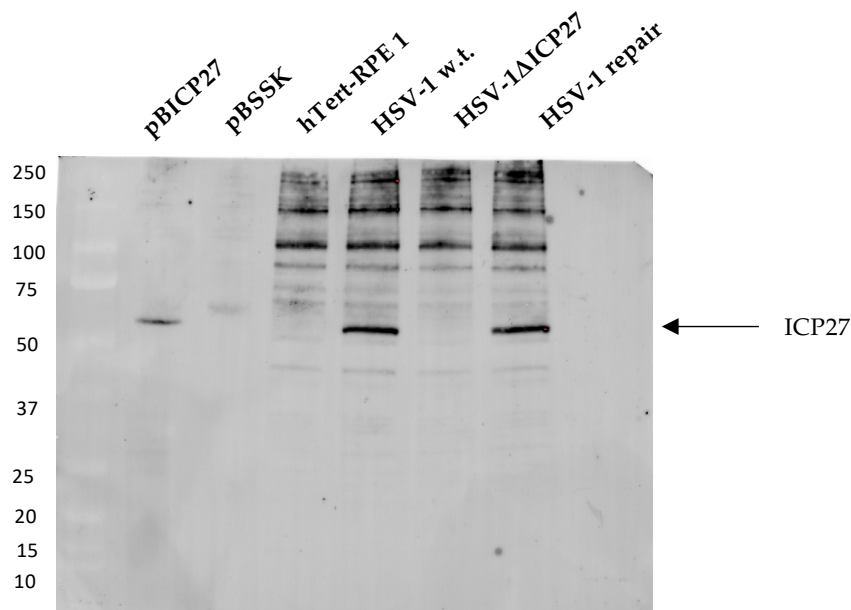


Figure S1: Figure 2 uncropped.

Western blot assay for ICP27 (63 kDa) in cells transfected with pBICP27 and pBSSK and in HSV-1 w.t., HSV-1ΔICP27 and HSV-1 repair infected cells at 24 hours post transfection or infection.

Marker:

Precision Plus Protein- All blue Prestained Protein standard (Biorad)

## Figure S2

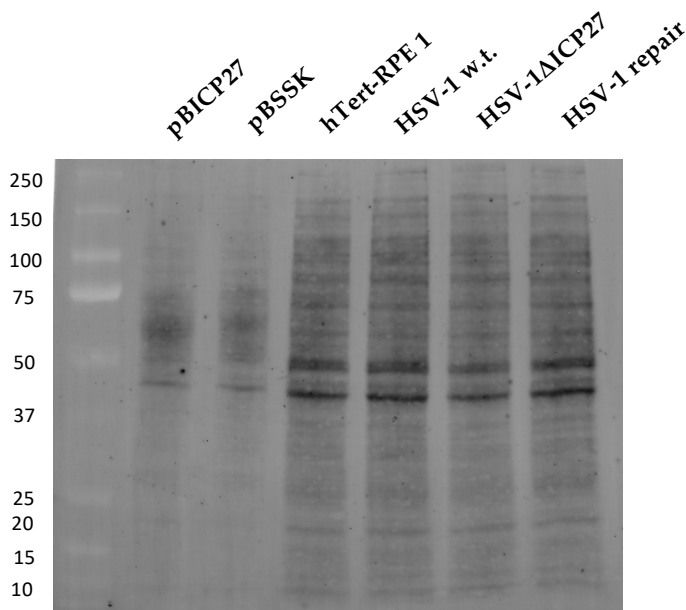


Figure S2: Total protein (Stain-free blot) of cells transfected with pBICP27 and pBSSK and infected with HSV-1 w.t., HSV-1ΔICP27 and HSV-1 repair at 24 hours post transfection or infection. Detection of total proteins was performed using the Chemidoc<sup>TM</sup>MP Imaging System (Biorad). Normalization of detected bands [Figure 2] was performed using Lab Software (Biorad).

## Figure S3

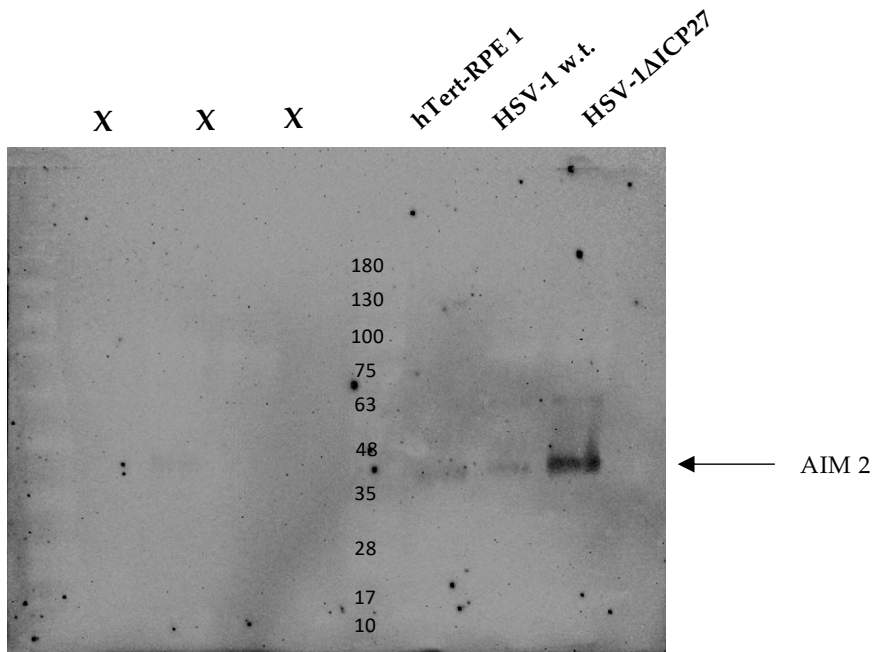


Figure S3: Figure 3B uncropped.

Western blot assay for AIM 2 (39 kDa) in untreated hTert-RPE 1, HSV-1 w.t. and HSV-1ΔICP27 infected cells (M.O.I. of 3) at 10 h.p.i.

Marker:

BlueStar Prestained Protein Marker (Nippon Genetics EUROPE GmbH)

## Figure S4

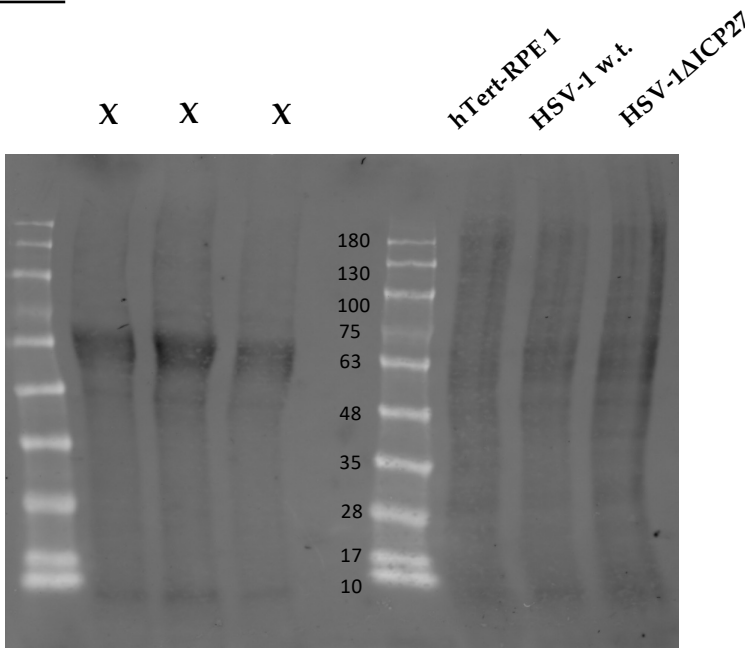


Figure S4: Total protein (Stain-free blot) of untreated hTert-RPE 1, HSV-1 w.t. and HSV-1ΔICP27 infected cells (M.O.I. of 3) at 10 h.p.i. Detection of total proteins was performed using the Chemidoc<sup>TM</sup>MP Imaging System (Biorad). Normalization of detected bands [Figure 3B] was performed using Lab Software (Biorad).

## Figure S5

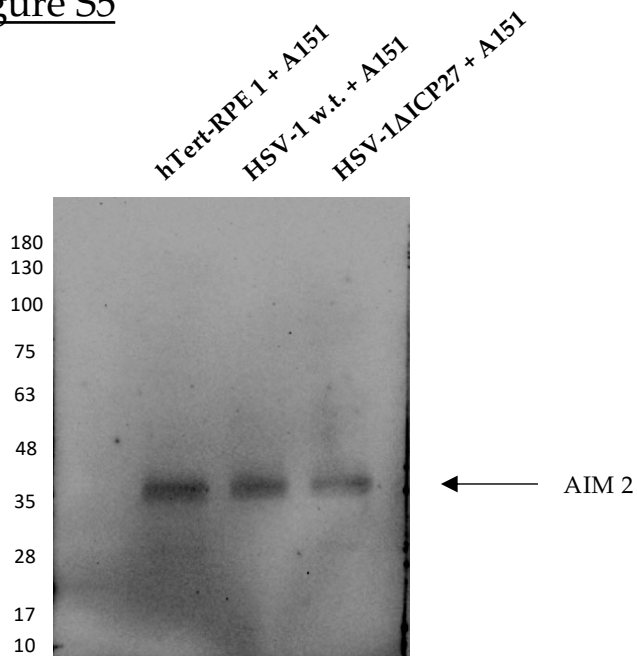


Figure S5: Figure 3D uncropped.

Western blot assay for AIM 2 (39 kDa) in AIM 2 inhibitor (A151) pre-treated hTert-RPE 1, HSV-1 w.t. and HSV-1ΔICP27 infected cells (M.O.I. of 3) at 10 h.p.i.

Marker:

BlueStar Prestained Protein Marker (Nippon Genetics EUROPE GmbH)

## Figure S6

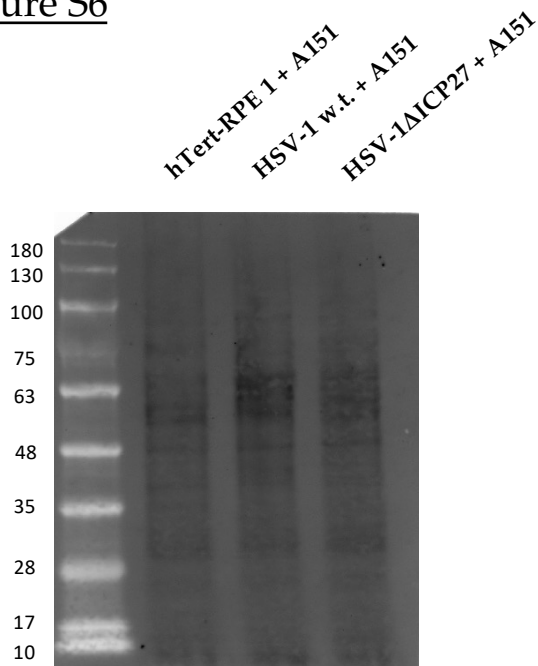


Figure S6: Total protein (Stain-free blot) of AIM 2 inhibitor (A151) pre-treated hTert-RPE 1, HSV-1 w.t. and HSV-1ΔICP27 infected cells (M.O.I. of 3) at 10 h.p.i. Detection of total proteins was performed using the Chemidoc<sup>TM</sup>MP Imaging System (Biorad). Normalization of detected bands [Figure 3D] was performed using Lab Software (Biorad).

## Figure S7

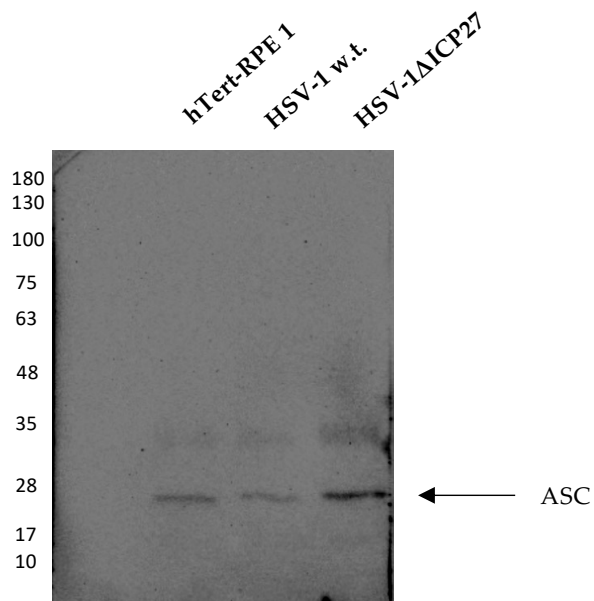


Figure S7: Figure 4B uncropped.

Western blot assay for ASC (22 kDa) in untreated hTert-RPE 1, HSV-1 w.t. and HSV-1ΔICP27 infected cells (M.O.I. of 3) at 10 h.p.i.

Marker:

BlueStar Prestained Protein Marker (Nippon Genetics EUROPE GmbH)

## Figure S8

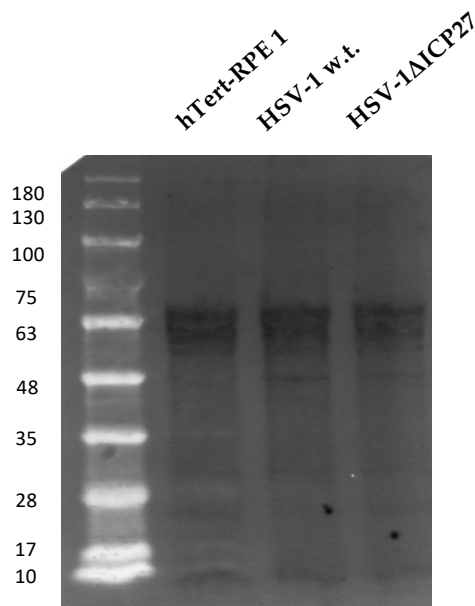


Figure S8: Total protein (Stain-free blot) of untreated hTert-RPE 1, HSV-1 w.t. and HSV-1ΔICP27 infected cells (M.O.I. of 3) at 10 h.p.i. Detection of total proteins was performed using the Chemidoc<sup>TM</sup>MP Imaging System (Biorad). Normalization of detected bands [Figure 4B] was performed using Lab Software (Biorad).

## Figure S9

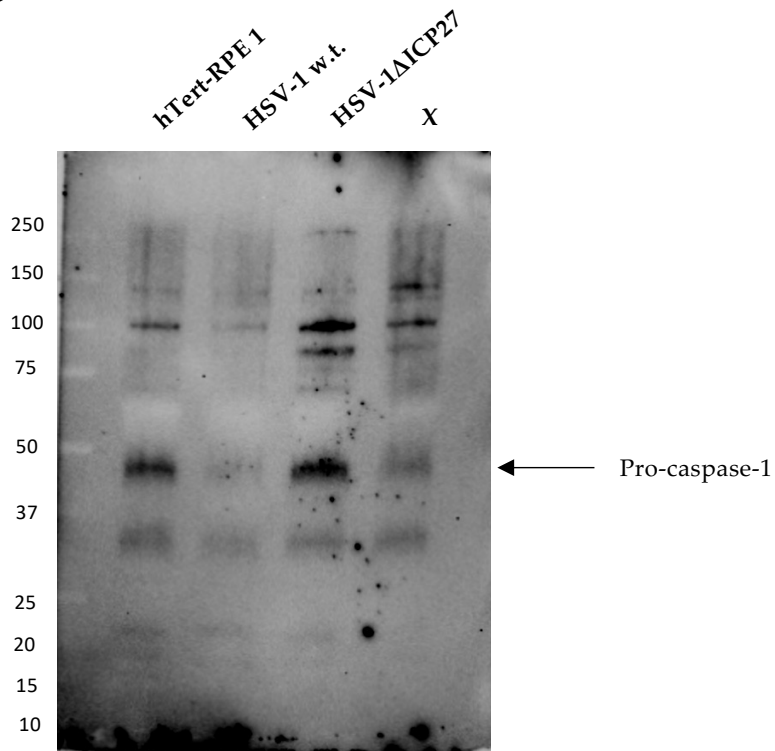


Figure S9: Figure 5B uncropped.

Western blot assay for pro-caspase-1 (45 kDa) in untreated hTert-RPE 1, HSV-1 w.t. and HSV-1ΔICP27 infected cells (M.O.I. of 3) at 10 h.p.i.

Marker:

Precision Plus Protein- All blue Prestained Protein standard (Biorad)

## Figure S10

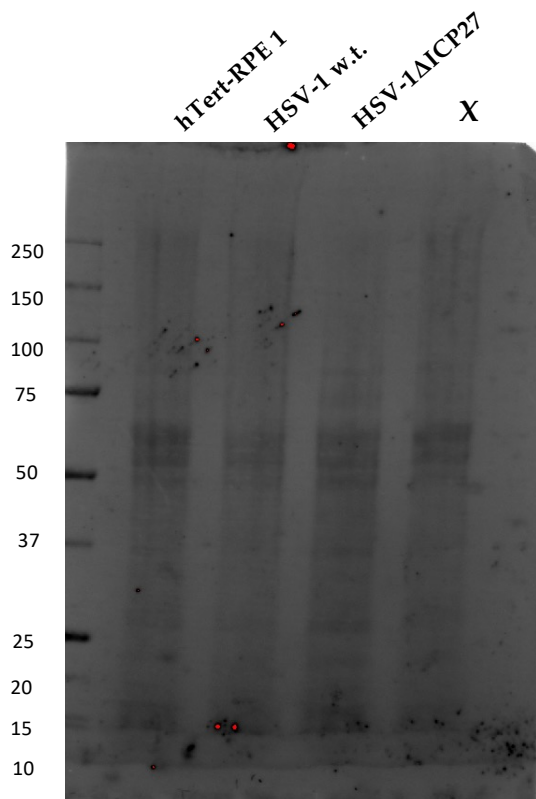


Figure S10: Total protein (Stain-free blot) of untreated hTert-RPE 1, HSV-1 w.t. and HSV-1ΔICP27 infected cells (M.O.I. of 3) at 10 h.p.i. Detection of total proteins was performed using the Chemidoc<sup>TM</sup>MP Imaging System (Biorad). Normalization of detected bands [Figure 5B] was performed using Lab Software (Biorad).

## Figure S11

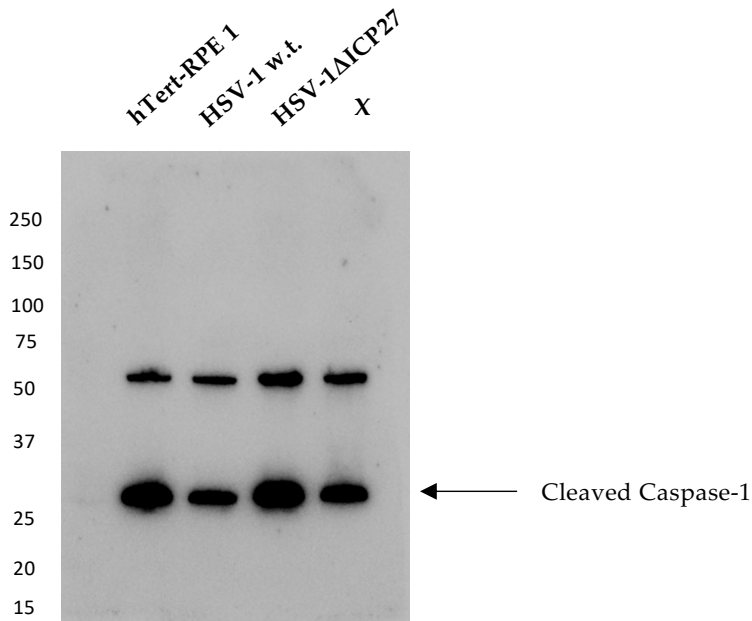


Figure S11: Figure 5B uncropped

Western blot assay for transient caspase (30 kDa) in untreated hTert-RPE 1, HSV-1 w.t. and HSV-1ΔICP27 infected cells (M.O.I. of 3) at 10 h.p.i.

Marker:

Precision Plus Protein- All blue Unstained Protein standard (Biorad)

## Figure S12

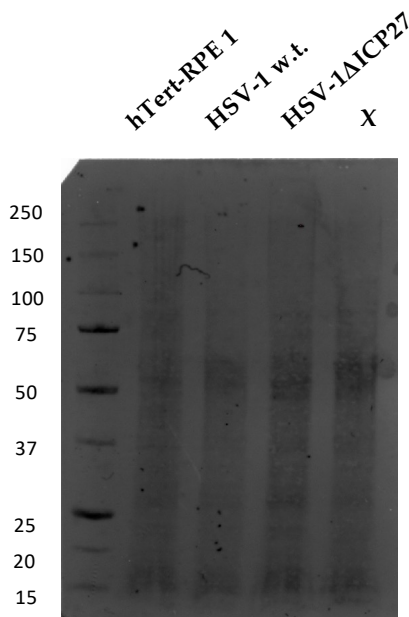


Figure S12: Total protein (Stain-free blot) of untreated hTert-RPE 1, HSV-1 w.t. and HSV-1ΔICP27 infected cells (M.O.I. of 3) at 10 h.p.i. Detection of total proteins was performed using the Chemidoc<sup>TM</sup>MP Imaging System (Biorad). Normalization of detected bands [Figure 6A] was performed using Lab Software (Biorad).

## Figure S13

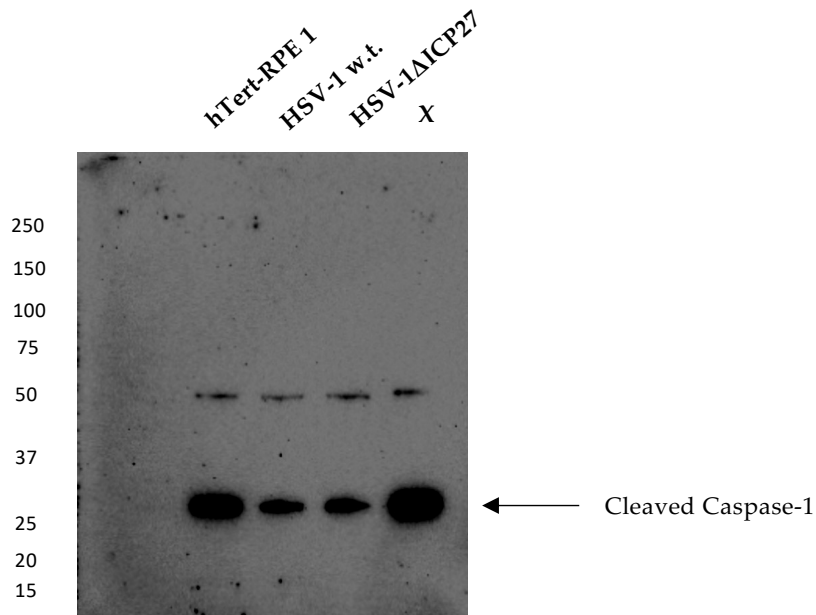


Figure S13: Figure 7 uncropped.

Western blot assay for transient caspase 1 (30kDa) in untreated hTert-RPE 1, HSV-1 w.t. and HSV-1ΔICP27 infected cells (M.O.I. of 3) at 10 h.p.i.

Marker:

Precision Plus Protein- All blue Unstained Protein standard (Biorad)

## Figure S14

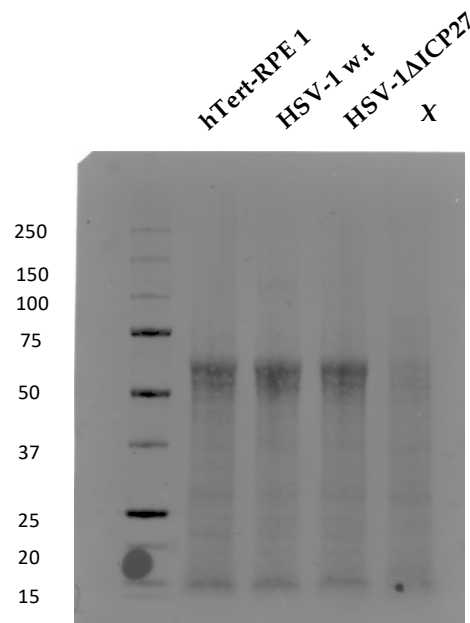


Figure S14: Total protein (Stain-free blot) of untreated hTert-RPE 1, HSV-1 w.t. and HSV-1ΔICP27 infected cells (M.O.I. of 3) at 10 h.p.i. Detection of total proteins was performed using the Chemidoc<sup>TM</sup>MP Imaging System (Biorad). Normalization of detected bands [Figure 6D] was performed using Lab Software (Biorad).