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Title: The pUL56 of Pseudorabies Virus Variant Induces Downregulation of Swine Leukocyte Antigen Class I Molecules through the lysosome pathway

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**The pUL56 of Pseudorabies Virus Variant Induces Downregulation of Swine
Leukocyte Antigen Class I Molecules through the lysosome pathway**

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Highlights

- PRV targeted SLA-I HC for degradation through lysosome pathway in PRV infected PK-15 cells.
- PRV pUL56 protein interacted with SLA-I HC and directed it for lysosomal degradation.
- The PPXY motifs of pUL56 were essential for the degradation of SLA-I HC by pUL56.

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