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Downregulation of MHC class I molecules by human cytomegalovirus-encoded US2 and US11

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Downregulation of MHC class I molecules by human cytomegalovirus-encoded US2 and US11

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voor mijn ouders

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Abbreviations

aa	amino acid
β 2m	β 2-microglobulin
BiP	Immunoglobulin binding protein
Cnx	calnexin
Crt	calreticulin
CTL	cytotoxic T lymphocyte
DTT	dithiothreitol
EGFP	enhanced green fluorescent protein
EndoH	endoglycanase H
ER	endoplasmic reticulum
FCS	fetal calf serum
FITC	fluorescein isothiocyanate
g α m	goat anti-mouse
HC	heavy chain
HCMV	human cytomegalovirus
HLA	human leucocyte antigen
IFN	interferon
IL	interleukin
IRES	internal ribosomal entry site
kDa	kilodalton
mAb	monoclonal antibody
MHC	major histocompatibility complex
MOI	multiplicity of infection.
NK cell	natural killer cell
NP40	nonidet P-40
PDI	protein disulfide isomerase
PE	phycoerythrin
prot K	proteinase K
TAP	transporter associated with antigen processing
TM	transmembrane
TNF	tumor necrosis factor
TX-100	triton X-100
UL	unique long
US	unique short
wt	wild type
ZL ₃ H	carboxybenzyl-leucyl-leucyl-leucinal
ZLVS	carboxyl benzyl-leucyl-leucyl-leucyl vinylsulfone