

S3 (table) | **Links between pathogens and cullin–RING ligases**

Pathogen: protein	Target	Proposed mechanism of action	References
<i>Agrobacterium</i> : VirF	?	VirF F-box motif links plant protein(s) to SCF	1
Atadenoviruses: RH1/2/4/6	?	Viral F-box proteins link cellular proteins to SCF	2
Human immunodeficiency virus: Vpu	CD4	Vpu promotes degradation of CD4 by linking it to SCF ^{β-TrCP}	3
Human immunodeficiency virus: Vif	APOBEC3G	Vif SOCS/BC box links APOBEC3G to CUL5–elongin-C	4–6
Faba bean necrotic yellow virus: Clink	RB	F-box and LXCXE motifs of Clink might link RB to SCF	7
Herpes simplex virus type 1: UL9	UL9	UL9 degradation by F-box-protein NFB42 in neuronal cells	8
Human papilloma virus: E7	E7	F-box-protein SKP2 targets E7 for degradation	9
Poxvirus: BTB proteins	?	BTB domain might link cellular targets to CUL3?	10
Adenovirus: E4orf6, E1B55K	p53	E4orf6, E1B55k link p53 to elongin-BC–CUL5–RING	11,12
Paramyxovirus: SV5, HPIV2	STAT1/2	SV5, HPIV2 link STAT1/2 to DDB1–CUL4A	13
SV40: T antigen	CUL7	T antigen sequesters CUL7	14

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