HIV-1 (no Vpx)

VLP-Vpx (with Vpx)

Resting CD4+ T-cell

Abortive/restrictive infection

HIV-1 Integration/early transcription

Immune evasion? Cell death? Reservoir, latency?

Nucleus

Cytoplasm

SAMHD1

dGTP

dN + PPP

dNTPs

CUL4A/DDB1

DCAF1

Ubiquitin

E3

Degradation

Proteasome

Chemokines

Env

CD4

CXCR4

VSV-G

Env

CD4

CXCR4

dGTP

dN + PPP

dNTPs

CUL4A/DDB1

DCAF1

Ubiquitin

E3

Degradation

Proteasome

Chemokines