

Classification & Infection Curve

Tuesday, October 28, 2014 3:43 PM

Baltimore Classification

- How genome produces mRNA

I: ds DNA

II: ss DNA

III: ds RNA

IV: (+) ss RNA

V: (-) ss RNA

VI: ss RNA - RT

VII: ds DNA - RT

Taxonomic Classification

Order: - Virales

Family: - Viridae

Subfamily: - Virinae

Genus: - Virus

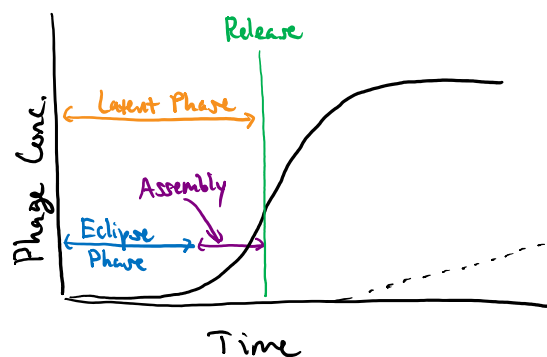
Species

Common name: Not capitalized or italicized.

The Process of Infection

How to study? One step growth curve

- Infect cell culture at low MOI
- Time course assay for infectious units (PFU/mL)



Eclipse

- Attachment, entry, synthesis
- Ends when virus is detectable
- Full virus not produced but assays could detect protein & NA.