

## Some Important Bacteriophages and Their Properties

Phage	Host	Structure	Nucleic Acid
T1	<i>E.Coli</i>	Icosahedral, simple tail	dsDNA, Linear
T2,T4,T6 (T even)	<i>E.Coli</i>	Icosahedral, complex tail with fibers	dsDNA,Linear
T3, T7	<i>E.Coli</i>	Icosahedral, short tail	dsDNA,Linear
T5	<i>E.Coli</i>	Icosahedral, simple tail	dsDNA,Linear
$\lambda$	<i>E.Coli</i>	Icosahedral, simple tail	dsDNA,Linear
P22	<i>S.typhimurrium</i>	Icosahedral, complex tail	dsDNA,Linear
SP01,SP82	<i>B.subtilis</i>	Icosahedral, complex tail	dsDNA,Linear
$\phi$ 29	<i>B.amyloliquefacience</i>	Icosahedral, complex tail with fibers	dsDNA,Linear
PM2	<i>Pseudomonas</i>	Icosahedral, enveloped, no tail	dsDNA,Circular
$\phi$ X 174, S13, M12	<i>E.Coli</i>	Icosahedral, no tail	ssDNA, Circular
M13	<i>E.Coli</i>	Filamentous, no tail	ssDNA, circular
$\phi$ 6	<i>Pseudomonas</i>	Icosahedral, enveloped	dsRNA, Linear, 3 segmented
MS2	<i>E.Coli</i>	Icosahedral	ssRNA,Linear