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Table 1. Viral DNA and DNA Replication Strategies of Various dsDNA Phages

Phage	Incoming Virion DNA	Replication Strategy	End State of Replicated DNA
λ	linear with 5' 12-base complementary ends (cohesive ends)	closed circle switching to rolling circle	linear concatamer
P22	linear with 104% terminal redundancy	recombination with extension via direct repeats	linear concatamer
ϕ 29	linear with covalently attached gp3 at 5' ends	gp3-primed extension, strand displacement	unit length with gp3 covalently attached at 5' ends
T3 (T7)	linear with 230 (160) base pair direct repeats	recombination with extension via direct repeats	linear concatamer
T4	linear with 102% terminal redundancy	invasive strand initiated via terminal redundancy	branched concatamer
SPP1	linear with 104% terminal redundancy	unknown	linear concatamer