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Table 2-2. Selected Properties of Major Phage Groups^a

Family or Group	Examples	Capsid, nm	Lipids, %	Nucleic Acid %	MW	Infection	Release
<i>Caudovirales</i>	T4, λ, T7	67	-	46	79	V or T	Lysis
	Range	30-160		30-62	17-498		
<i>Microviridae</i>	φX174	27	-	26	4.4-6.1	V	Lysis
<i>Corticoviridae</i>	PM2	60	13	14	9.0	V	Lysis
<i>Tectiviridae</i>	PRD1	63	15	14	15	V	Lysis
<i>Leviviridae</i>	MS2	23	-	30	3.5-4.3	V	Lysis
<i>Cystoviridae</i>	φ6	75-80	20	10	13.4	V	Lysis
<i>Inoviridae, Inovirus</i>	fd	760-1950 x 7	-	6?-21	5.8-7.3	S or T	Excretion
	L51	85-250 x 7	-		4.4-8.3	P	Excretion
<i>Plectrovirus</i>							
<i>Lipothrixviridae</i>	TTV1	400-2400 x 20-40	22	3	16-42	V or T	Lysis
<i>Rudiviridae</i>	SIRV1	780-900 x 23	-		33-36	P	Excretion
<i>Plasmaviridae</i>	L2	80	11		11.7	T	Excretion
<i>Fuselloviridae</i>	SSV1	85 x 55	10		15	T	Excretion

Chapter 2, [*The Bacteriophages*](#) 2nd edition, R. Calendar (ed), Oxford University Press

^a Modified from Ackermann, H.-W. 2001. Le matin des bactériophages. *Virologie*. 5:35-43. With permission of John Libbey Eurotext.

More physiological data may be found in reference [2](#).

MW, molecular weight in kb or kpb x 10⁶; nm, nanometers; P, permanent; S, steady-state, T, temperate; V, virulent;

-, none.