

Table 6.1 The Phages of the T System

Name	Plaque size	Morphology		Latent period (min)	Burst size
		head (nm)	tail (nm)		
T1	medium	50	150 × 15	13	180
T2	small	65 × 80	120 × 20	21	120
T3	large	45	invisible	13	300
T4	small	65 × 80	120 × 20	23.5	300
T5	small	100	tiny	40	300
T6	small	65 × 80	120 × 20	25.5	200–300
T7	large	45	invisible	13	300

All phages grow on *E. coli* strain B. Phage T1 was called α in early work by Delbrück and Luria and P28 by Bronfenbrenner. Phage T2 was first called γ by Delbrück and Luria and PC by Bronfenbrenner. Phage T7 was first called δ by Delbrück and Luria. The other phages were first isolated by Demerec and Fano (1945). (Modified from Demerec and Fano, 1945; Delbrück, 1946.)