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Table 38-1. General Features of 14 mycobacteriophages and their genomes.

Phage	Genome Size (bp)	G+C%	tRNAs (#)	Orfs (#)	Av. orf size (bp)	Novel genes # (%)	Genome ends (# bases, polarity)	Head size (nM)	Tail Length (nM)
L5	52297	62.3	3	87	601	14 (16.1)	9 base, 3'	~60	140
D29	49136	63.5	5	77	638	10 (13.0)	9 base, 3'	~60	140
TM4	52797	68.1	0	92	574	53 (57.6)	10 base, 3'	~60	200
Bxb1	50550	63.7	0	86	588	29 (33.7)	9 base, 3'	~60	130
Bxz1	156102	64.8	28	225	694	164 (72.9)	Circ. permuted	~80	78
Che8	59471	61.3	0	112	531	20 (17.9)	10 base, 3'	~60	186
Bxz2	50913	64.2	3	86	599	22 (25.6)	10 base, 3'	~60	140
Cjw1	75931	63.1	1	141	546	77 (54.6)	9 base, 3'	~60	250
Corndog	69777	65.4	0	122	572	63 (51.6)	9 base 3'	23 x 138	265
Che9c	57050	65.4	0	84	671	39 (45.3)	10 base, 3'	35 x 80	165
Omega	110857	61.4	2	237	466	134 (56.5)	4 base, 3'	~60	205
Che9d	56276	60.9	0	111	507	38 (34.2)	10 base, 3'	~60	130
Barnyard	70797	57.3	0	109	650	93 (85.3)	Circ. permuted	~60	265
Rosebush	67480	69.0	0	90	750	65 (72.2)	Circ. permuted	~60	245
<i>Total</i>	784881		42	1559		821 (52.7)			
<i>Average</i>	56063	63.6	3	118.6	599	58.6			