

brought to you by www.thebacteriophages.org and www.phage.org

Reference List

1. **Ackermann, H.-W.** 1999. Tailed bacteriophages: the order *Caudovirales*. Advances in Virus Research **51**:135-201.
2. **Ackermann, H.-W. and M. S. DuBow.** 2000. Description of virus taxa - Family *Siphoviridae*, p. 85-89. In M. H. V. van Regenmortel, C. M. Fauquet, and D. H. L. Bishop (eds.), Virus Taxonomy - Classification and Nomenclature of Viruses. Academic Press, New York.
3. **Alam, S. L., J. F. Atkins, and R. F. Gesteland.** 1999. Programmed ribosomal frameshifting: much ado about knotting! Proceedings of the National Academy of Sciences of the United States of America **96**:14177-14179.
4. **Allison, G. E., D. Angeles, N. Tran-Dinh, and N. K. Verma.** 2002. Complete genomic sequence of SfV, a serotype-converting temperate bacteriophage of *Shigella flexneri* . Journal of Bacteriology **184**:1974-1987.
5. **Austin, E. A., J. F. Graves, L. A. Hite, C. T. Parker, and C. A. Schnaitman.** 1990. Genetic analysis of lipopolysaccharide core biosynthesis by *Escherichia coli* K-12: insertion mutagenesis of the *rfa* locus. Journal of Bacteriology **172**:5312-5325.
6. **Bassford, P. J., Jr., R. J. Kadner, and C. A. Schnaitman.** 1977. Biosynthesis of the outer membrane receptor for vitamin B12, E colicins,

- and bacteriophage BF23 by *Escherichia coli*: kinetics of phenotypic expression after the introduction of bfe+ and bfe alleles. *Journal of Bacteriology* **129**:265-275.
7. **Belle, A., M. Landthaler, and D. A. Shub.** 2002. Intronless homing: site-specific endonuclease SegF of bacteriophage T4 mediates localized marker exclusion analogous to homing endonucleases of group I introns. *Genes & Development* **16**:351-362.
 8. **Bernstein, D. A. and J. L. Keck .** 2003. Domain mapping of *Escherichia coli* RecQ defines the roles of conserved N- and C-terminal regions in the RecQ family. *Nucleic Acids Research* **31**:2778-2785.
 9. **Borchert, L. D. and H. Drexler.** 1980. T1 genes which affect transduction. *Journal of Virology* **33**:1122-1128.
 10. **Bourque, L. W. and J. R. Christensen.** 1980. The synthesis of coliphage T1 DNA: requirement for host dna genes involved in elongation. *Virology* **102**:310-316.
 11. **Braun, M., H. Killmann, and V. Braun.** 1999. The beta-barrel domain of FhuADelta5-160 is sufficient for TonB-dependent FhuA activities of *Escherichia coli*. *Molecular Microbiology* **33**:1037-1049.
 12. **Braun, M., H. Killmann, E. Maier, R. Benz, and V. Braun.** 2002. Diffusion through channel derivatives of the *Escherichia coli* FhuA transport protein. *European Journal of Biochemistry* **269**:4948-4959.
 13. **Bruck, I. and M. O'Donnell.** 2001. The ring-type polymerase sliding clamp family. *Genome Biology* **2**:reviews3001.1-reviews3001.3.

14. **Brüssow, H.** 2001. Phages of dairy bacteria. *Annual Review of Microbiology* **55**:283-303.
15. **Canchaya, C., C. Proux, G. Fournous, A. Bruttin, and H. Brussow.** 2003. Prophage genomics. *Microbiology and Molecular Biology Reviews* **67**:238-76.
16. **Carr, K. M. and J. M. Kaguni.** 2001. Stoichiometry of DnaA and DnaB protein in initiation at the *Escherichia coli* chromosomal origin. *Journal of Biological Chemistry* **276**:44919-44925.
17. **Carr, K. M. and J. M. Kaguni.** 2002. *Escherichia coli* DnaA protein loads a single DnaB helicase at a DnaA box hairpin. *Journal of Biological Chemistry* **277**:39815-39822.
18. **Caruthers, J. M. and D. B. McKay.** 2002. Helicase structure and mechanism. *Current Opinion in Structural Biology* **12**:123-133.
19. **Casjens, S. and R. Hendrix.** 1988. Control mechanisms in dsDNA bacteriophage assembly, p. 15-91. *In* R. Calendar (ed.), *The Bacteriophages*. Plenum Press, New York.
20. **Casjens, S., W. M. Huang, M. Hayden, and R. Parr.** 1987. Initiation of bacteriophage P22 DNA packaging series. Analysis of a mutant that alters the DNA target specificity of the packaging apparatus. *Journal of Molecular Biology* **194**:411-422.
21. **Childs, J. D. and R. Pilon.** 1983. Evidence that bacteriophage T4 *eph1* is a missense *hoc* mutation. *Journal of Virology* **46**:629-631.

22. **Dalgaard, J. Z., A. J. Klar, M. J. Moser, W. R. Holley, A. Chatterjee, and I. S. Mian.** 1997. Statistical modeling and analysis of the LAGLIDADG family of site-specific endonucleases and identification of an intein that encodes a site-specific endonuclease of the HNH family. *Nucleic Acids Research* **25**:4626-4638.
23. **Damman, C. J., C. H. Eggers, D. S. Samuels, and D. B. Oliver.** 2000. Characterization of *Borrelia burgdorferi* BlyA and BlyB proteins: a prophage-encoded holin-like system. *Journal of Bacteriology* **182**:6791-6797.
24. **Delbrück, M.** 1945. The burst size distribution in the growth of bacterial viruses. *Journal of Bacteriology* **50**:131-135.
25. **Desiere, F., W. M. McShan, D. van Sinderen, J. J. Ferretti, and H. Brussow.** 2001. Comparative genomics reveals close genetic relationships between phages from dairy bacteria and pathogenic Streptococci: evolutionary implications for prophage-host interactions. *Virology* **288**:325-341.
26. **Desplats, C., C. Dez, F. Tetart, H. Eleaume, and H. M. Krisch.** 2002. Snapshot of the genome of the pseudo-T-even bacteriophage RB49. *Journal of Bacteriology* **184**:2789-2804.
27. **Drexler, H.** 1988. Bacteriophage T1, p. 235-258. *In* R. Calendar (ed.), *The Bacteriophages*. Plenum Press, New York, NY.

28. **Drexler, H. and J. R. Christensen.** 1986. T1 pip: a mutant which affects packaging initiation and processive packaging of T1 DNA. *Virology* **150**:373-380.
29. **Duda, R. L., K. Martincic, Z. Xie, and R. W. Hendrix.** 1995. Bacteriophage HK97 head assembly. *FEMS Microbiology Reviews* **17**:41-46.
30. **Duffy, C. and M. Feiss.** 2002. The large subunit of bacteriophage lambda's terminase plays a role in DNA translocation and packaging termination. *Journal of Molecular Biology* **316**:547-561.
31. **Esposito, D., W. P. Fitzmaurice, R. C. Benjamin, S. D. Goodman, and J. J. Scocca.** 1996. The complete nucleotide sequence of bacteriophage HP1 DNA. *Nucleic Acids Research* **24**:2360-2368.
32. **Ferguson, A. D., J. Breed, K. Diederichs, W. Welte, and J. W. Coulton.** 1998. An internal affinity-tag for purification and crystallization of the siderophore receptor FhuA, integral outer membrane protein from *Escherichia coli* K-12. *Protein Science* **7**:1636-1638.
33. **Galburt, E. A., J. Pelletier, G. Wilson, and B.L. Stoddard.** 2002. Structure of a tRNA repair enzyme and molecular biology workhorse: T4 polynucleotide kinase. *Structure (Camb)* **10**: 1249-60.
34. **Garcia, M., M. Pimentel, and J. Moniz-Pereira.** 2002. Expression of Mycobacteriophage Ms6 lysis genes is driven by two sigma(70)-like promoters and is dependent on a transcription termination signal present in the leader RNA. *Journal of Bacteriology* **184**:3034-3043.

35. **Garen, A. and T. T. Puck.** 1951. The first two steps of the invasion of host cells by bacterial viruses. II. Journal of Experimental Medicine **94**:177-189.
36. **Gawron, M. C., J. R. Christensen, and T. M. Shoemaker.** 1980. Exclusion of bacteriophage T1 by bacteriophage lambda. II. Synthesis of T1-specific macromolecules under N-mediated excluding conditions. Journal of Virology **35**:93-104.
37. **German, G. J. and R. Misra.** 2001. The TolC protein of *Escherichia coli* serves as a cell-surface receptor for the newly characterized TLS bacteriophage. Journal of Molecular Biology **308**:579-585.
38. **German, G. J., J. DeGiulio, and R. Misra.** 2003. The T1-like TolC- and lipopolysaccharide-specific (TLS) bacteriophage genome and the evolution of virulent phages. (**submitted**).
39. **Gill, G. S. and L. A. MacHattie.** 1975. Oriented extrusion of DNA from coliphage T1 particles. Virology **65**:297-303.
40. **Grundling, A., U. Blasi, and R. Young.** 2000. Biochemical and genetic evidence for three transmembrane domains in the class I holin, lambda S. Journal of Biological Chemistry **275**:769-776.
41. **Harger, J. W., A. Meskauskas, and J. D. Dinman.** 2002. An "integrated model" of programmed ribosomal frameshifting. Trends in Biochemical Sciences **27**:448-454.
42. **Heidelberg, J. F., I. T. Paulsen, K. E. Nelson, E. J. Gaidos, W. C. Nelson, T. D. Read, J. A. Eisen, R. Seshadri, N. Ward, B. Methé, R. A. Clayton, T. Meyer, A. Tsapin, J. Scott, M. Beanan, L. Brinkac, S.**

- Daugherty, R. T. DeBoy, R. J. Dodson, A. S. Durkin, D. H. Haft, J. F. Kolonay, R. Madupu, J. D. Peterson, L. A. Umayam, O. White, A. M. Wolf, J. Vamathevan, J. Weidman, M. Impraim, K. Lee, K. Berry, C. Lee, J. Mueller, H. Khouri, J. Gill, T. R. Utterback, L. A. McDonald, T. V. Feldblyum, H. O. Smith, J. C. Venter, K. H. Nealson, and C. M. Fraser.** 2002. Genome sequence of the dissimilatory metal ion-reducing bacterium *Shewanella oneidensis*. *Nature Biotechnology* **20**:1118-1123.
43. **Hendrix, R. W.** 1999. Evolution: the long evolutionary reach of viruses. *Current Biology* **9**:R914-R917.
44. **Hendrix, R. W.** 2002. Bacteriophages: evolution of the majority. *Theoretical Population Biology* **61**:471-480.
45. **Hendrix, R. W., M. C. Smith, R. N. Burns, M. E. Ford, and G. F. Hatfull.** 1999. Evolutionary relationships among diverse bacteriophages and prophages: all the world's a phage. *Proceedings of the National Academy of Sciences of the United States of America* **96**:2192-2197.
46. **Higgins, D. G., J. D. Thompson, and T. J. Gibson.** 1996. Using CLUSTAL for multiple sequence alignments. *Methods in Enzymology* **266**:383-402.
47. **Hug, H., R. Hausmann, J. Liebeschuetz, and D. A. Ritchie.** 1986. *In vitro* packaging of foreign DNA into heads of bacteriophage T1. *Journal of General Virology* **67**:333-343.
48. **Juhala, R. J., M. E. Ford, R. L. Duda, A. Youlton, G. F. Hatfull, and R. W. Hendrix.** 2000. Genetic sequences of bacteriophages HK97 and

- HK022: Pervasive genetic mosaicism in the lambdoid bacteriophages.
Journal of Molecular Biology **299**:27-51.
49. **Katsura, I.** 2003. Tail assembly and injection, p. 331-346. In R. W. Hendrix, J. W. Roberts, F. W. Stahl, and R. A. Weisberg (eds.), Lambda II. Cold Spring Harbor Laboratory Press, Cold Spring Harbor, NY.
50. **Keweloh, H. and E. P. Bakker.** 1984. Permeability changes in the cytoplasmic membrane of *Escherichia coli* K-12 early after infection with bacteriophage T1. Journal of Bacteriology **160**:347-353.
51. **Killmann, H., C. Herrmann, A. Torun, G. Jung, and V. Braun.** 2002. TonB of *Escherichia coli* activates FhuA through interaction with the beta-barrel. Microbiology **148**:3497-3509.
52. **Killmann, H., G. Videnvov, G. Jung, H. Schwarz, and V. Braun.** 1995. Identification of receptor binding sites by competitive peptide mapping: phages T1, T5, and phi 80 and colicin M bind to the gating loop of FhuA. Journal of Bacteriology **177**:694-698.
53. **Koebnik, R. and V. Braun.** 1993. Insertion derivatives containing segments of up to 16 amino acids identify surface- and periplasm-exposed regions of the FhuA outer membrane receptor of *Escherichia coli* K-12. Journal of Bacteriology **175**:826-839.
54. **Kolasa, I. K., T. Lozinski, and K. L. Wierzchowski.** 2002. Effect of A_n tracts within the UP element proximal subsite of a model promoter on kinetics of open complex formation by *Escherichia coli* RNA polymerase. Acta Biochimica Polonica **49**:659-669.

55. **Kovalyova, I. V. and A. M. Kropinski.** 2003. The complete genomic sequence of lytic bacteriophage gh-1 infecting *Pseudomonas putida*- evidence for close relationship to the T7 group. *Virology* **311**:305-315.
56. **Labaw, L. W.** 1951. The origin of phosphorus in *Escherichia coli* bacteriophages. *Journal of Bacteriology* **62**:169-173.
57. **Labaw, L. W.** 1953. The origin of phosphorus in the T1, T5, T6 and T7 bacteriophages of *Escherichia coli*. *Journal of Bacteriology* **66**:429-436.
58. **Laird, M. W., A. W. Kloser, and R. Misra.** 1994. Assembly of LamB and OmpF in deep rough lipopolysaccharide mutants of *Escherichia coli* K-12. *Journal of Bacteriology* **176**:2259-2264.
59. **Landthaler, M. and D. A. Shub.** 2003. The nicking homing endonuclease I-BasI is encoded by a group I intron in the DNA polymerase gene of the *Bacillus thuringiensis* phage Bastille. *Nucleic Acids Research* **31**:3071-3077.
60. **Lawrence, J. G. and H. Ochman.** 1998. Molecular archaeology of the *Escherichia coli* genome. *Proceedings of the National Academy of Sciences of the United States of America* **95**:9413-9417.
61. **Lazdunski, C. J., E. Bouveret, A. Rigal, L. Journet, R. Lloubes, and H. Benedetti.** 1998. Colicin import into *Escherichia coli* cells. *Journal of Bacteriology* **180**:4993-5002.
62. **Le Marrec, C., D. van Sinderen, L. Walsh, E. Stanley, E. Vlegels, S. Moineau, P. Heinze, G. Fitzgerald, and B. Fayard.** 1997. Two groups of bacteriophages infecting *Streptococcus thermophilus* can be distinguished

- on the basis of mode of packaging and genetic determinants for major structural proteins. *Applied & Environmental Microbiology* **63**:3246-3253.
63. **Likhacheva, N. A., V. V. Samsonov, V. V. Samsonov, and S. P. Sineoky.** 1996. Genetic control of the resistance to phage C1 of *Escherichia coli* K-12. *Journal of Bacteriology* **178**:5309-5315.
64. **Luria, S. & M. Delbruck.** 1943. Mutations of bacteria from virus sensitivity to virus resistance. *Genetics* **28**: 491.
65. **MacHattie, L. A., M. Rhoades, and C. A. J. Thomas.** 1972. Large repetition in the non-permuted nucleotide sequence of bacteriophage T1 DNA. *Journal of Molecular Biology* **72**:645-656.
66. **Madsen, S. M., D. Mills, G. Djordjevic, H. Israelsen, and T. R. Klaenhammer.** 2001. Analysis of the genetic switch and replication region of a P335-type bacteriophage with an obligate lytic lifestyle on *Lactococcus lactis*. *Applied & Environmental Microbiology* **67**:1128-1139.
67. **Mahanivong, C., J. D. Boyce, B. E. Davidson, and A. J. Hillier.** 2001. Sequence analysis and molecular characterization of the *Lactococcus lactis* temperate bacteriophage BK5-T. *Applied & Environmental Microbiology* **67**:3564-3576.
68. **Matsumoto, M., N. Ichikawa, S. Tanaka, T. Morita, and A. Matsushiro.** 1985. Molecular cloning of phi80 adsorption-inhibiting cor gene. *Japanese Journal of Genetics* **60**:483.

69. **McLean, B. W., S. L. Wiseman, and A. M. Kropinski.** 1997. Functional analysis of sigma-70 consensus promoters in *Pseudomonas aeruginosa* and *Escherichia coli*. Canadian Journal of Microbiology **43**:981-985.
70. **Miller, E. C., E. Kutter, G. Mosig, F. Arisaka, T. Kunisawa, and W. Rüger.** 2003. Bacteriophage T4 genome. Microbiology and Molecular Biology Reviews **67**:86-156.
71. **Moscoso, M. and J. E. Suarez.** 2000. Characterization of the DNA replication module of bacteriophage A2 and use of its origin of replication as a defense against infection during milk fermentation by *Lactobacillus casei*. Virology **273**:101-111.
72. **Ochman, H. and A. C. Wilson.** 1987. Evolution in bacteria: evidence for a universal substitution rate in cellular genomes. Journal of Molecular Evolution **26**:74-86. [Erratum appears in J Mol Evol 1987; **26**:377].
73. **Ostergaard, S., L. Brondsted, and F. K. Vogensen.** 2001. Identification of a replication protein and repeats essential for DNA replication of the temperate lactococcal bacteriophage TP901-1. Applied & Environmental Microbiology **67**:774-781.
74. **Parker, C. T., A. W. Kloser, C. A. Schnaitman, M. A. Stein, S. Gottesman, and B. W. Gibson.** 1992. Role of the *rfaG* and *rfaP* genes in determining the lipopolysaccharide core structure and cell surface properties of *Escherichia coli* K-12. Journal of Bacteriology **174**:2525-2538.

75. **Pedre, X., F. Weise, S. Chai, G. Luder, and J. C. Alonso.** 1994. Analysis of cis and trans acting elements required for the initiation of DNA replication in the *Bacillus subtilis* bacteriophage SPP1. *Journal of Molecular Biology* **236**:1324-1340.
76. **Pedulla, M. L., M. E. Ford, J. M. Houtz, T. Karthikeyan, C. Wadsworth, J. A. Lewis, D. Jacobs-Sera, J. Falbo, J. Gross, N. R. Pannunzio, W. Brucker, V. Kumar, J. Kandasamy, L. Keenan, S. Bardarov, J. Kriakov, J. G. Lawrence, W. R. Jacobs, Jr., R. W. Hendrix, and G. F. Hatfull.** 2003. Origins of highly mosaic mycobacteriophage genomes. *Cell* **113**:171-182.
77. **Penner, M., I. Morad, L. Snyder, and G. Kaufmann.** 1995. Phage T4-coded Stp: double-edged effector of coupled DNA and tRNA-restriction systems. *Journal of Molecular Biology* **249**:857-868.
78. **Picken, R. N. and I. R. Beacham.** 1977. Bacteriophage-resistant mutants of *Escherichia coli* K12. Location of receptors within the lipopolysaccharide. *Journal of General Microbiology* **102**:305-318.
79. **Puck, T. T., A. Garen, and J. Cline.** 1951. The first two steps of the invasion of host cells by bacterial viruses. I. The role of ions in the primary reaction. *Journal of Experimental Medicine* **93**:65-88.
80. **Pugh, J. C. and D. A. Ritchie.** 1984. Formation of phage T1 concatemers by the RecE recombination pathway of *Escherichia coli*. *Virology* **135**:200-206.

81. **Pugh, J. C. and D. A. Ritchie.** 1984. The structure of replicating bacteriophage T1 DNA: comparison between wild type and DNA-arrest mutant infections. *Virology* **135**:189-199.
82. **Ramsay, N. and D. A. Ritchie.** 1980. A physical map of the permuted genome of bacteriophage T1. *Molecular & General Genetics* **179**:669-675.
83. **Ravin, V., N. Ravin, S. Casjens, M. E. Ford, G. F. Hatfull, and R. W. Hendrix.** 2000. Genomic sequence and analysis of the atypical temperate bacteriophage N15. *Journal of Molecular Biology* **299**:53-73.
84. **Reeves, P. R., M. Hobbs, M. A. Valvano, M. Skurnik, C. Whitfield, D. Coplin, N. Kido, J. Klena, D. Maskell, C. R. Raetz, and P. D. Rick.** 1996. Bacterial polysaccharide synthesis and gene nomenclature. *Trends in Microbiology* **4**:495-503.
85. **Ritchie, D. A., J. R. Christensen, J. C. Pugh, and L. W. Bourque.** 1980. Genes of coliphage T1 whose products promote general recombination. *Virology* **105**:371-378.
86. **Ritchie, D. A. and D. H. Joicey.** 1978. Formation of concatemeric DNA as an intermediate in the replication of bacteriophage T1 DNA molecules. *Journal of General Virology* **41**:609-622.
87. **Ritchie, D. A. and D. H. Joicey.** 1980. Identification of some steps in the replication of bacteriophage T1 DNA. *Virology* **103**:191-198.
88. **Ritchie, D. A., D. H. Joicey, and D. T. Martin.** 1983. Correlation of genetic loci and polypeptides specified by bacteriophage T1. *Journal of General Virology* **64**:1355-1363.

89. **Roberts, M. D.** 2001. T1-like viruses, p. 1-10. In C. A. Tidona and G. Darai (eds.), *The Springer Index of Viruses*. Springer-Verlag Heidelberg, Heidelberg, Germany.
90. **Roberts, M. D. and H. Drexler.** 1981. T1 mutants with increased transduction frequency are defective in host chromosome degradation. *Virology* **112**:670-677.
91. **Roberts, M. D., N. L. Martin, and A. M. Kropinski.** 2003. The genome and proteome of coliphage T1. *Virology* (**submitted**).
92. **Rodriguez-Casado, A. and G. J. J. Thomas.** 2003. Structural roles of subunit cysteines in the folding and assembly of the DNA packaging machine (portal) of bacteriophage P22. *Biochemistry* **42**:3437-3445.
93. **Rohwer, F. and R. Edwards.** 2002. The Phage Proteomic Tree: a genome-based taxonomy for phage. *Journal of Bacteriology* **184**:4529-4535.
94. **Roncero, C. and M. J. Casadaban.** 1992. Genetic analysis of the genes involved in synthesis of the lipopolysaccharide core in *Escherichia coli* K-12: three operons in the rfa locus. *Journal of Bacteriology* **174**:3250-3260.
95. **Samsonov, V. V., V. V. Samsonov, and S. P. Sineoky.** 2002. *DcrA* and *dcrB* *Escherichia coli* genes can control DNA injection by phages specific for BtuB and FhuA receptors. *Research in Microbiology* **153**:639-646.
96. **Schanda-Mulfinger, U. E. and H. Schmieger.** 1980. Growth of *Salmonella* bacteriophage P22 in *Escherichia coli dna(Ts)* mutants. *Journal of Bacteriology* **143**:1042-1045.

97. **Schmieger, H., K. M. Taleghani, A. Meierl, and L. Weiss.** 1990. A molecular analysis of terminase cuts in headful packaging of *Salmonella* phage P22. *Molecular & General Genetics* **221**:199-202.
98. **Schnaitman, C. A. and J. Klena.** 1993. Genetics of lipopolysaccharide biosynthesis in enteric bacteria. *Microbiological Reviews* **57**:655-682.
99. **Schneider-Scherzer, E., B. Auer, E. J. de Groot, and M. Schweiger.** 1990. Primary structure of a DNA (N6-adenine)-methyltransferase from *Escherichia coli* virus T1. DNA sequence, genomic organization, and comparative analysis. *Journal of Biological Chemistry* **265**:6086-6091.
100. **Schoffler, H. and V. Braun.** 1989. Transport across the outer membrane of *Escherichia coli* K12 via the FhuA receptor is regulated by the TonB protein of the cytoplasmic membrane. *Molecular & General Genetics* **217**:378-383.
101. **Sutton, M. D., K. M. Carr, M. Vicente, and J. M. Kaguni.** 1998. *Escherichia coli* DnaA protein. The N-terminal domain and loading of DnaB helicase at the *E. coli* chromosomal origin. *Journal of Biological Chemistry* **273**:34255-34262.
102. **Tetart, F., C. Desplats, M. Kutateladze, C. Monod, H. W. Ackermann, and H. M. Krisch.** 2001. Phylogeny of the major head and tail genes of the wide-ranging T4-type bacteriophages. *Journal of Bacteriology* **183**:358-366.

103. **Tocchetti, A., G. Galimberti, G. Deho, and D. Ghisotti.** 1999. Characterization of the oril and orill origins of replication in phage-plasmid P4. *Journal of Virology* **73**:7308-7316.
104. **Traurig, M. and R. Misra.** 1999. Identification of bacteriophage K20 binding regions of OmpF and lipopolysaccharide in *Escherichia coli* K-12. *FEMS Microbiology Letters* **181**:101-108.
105. **Vakharia, H. and R. Misra.** 1996. A genetic approach for analysing surface-exposed regions of the OmpC protein of *Escherichia coli* K-12. *Molecular Microbiology* **19**:881-889.
106. **Van de Peer, Y. and R. De Wachter.** 1997. TREECON for Windows:a software package for the construction and drawing of evolutionary trees. *Computer Applications in the Biosciences* **10**:569-570.
107. **Vander, B. C. and A. M. Kropinski.** 2000. Sequence of the genome of *Salmonella* bacteriophage P22. *Journal of Bacteriology* **182**:6472-6481.
108. **Wagner, E. F., B. Auer, and M. Schweiger.** 1983. *Escherichia coli* virus T1: Genetic controls during virus infection., p. 131-152. *In* M. Cooper, P. H. Hofschneider, H. Koprowski, F. Melchers, R. Rott, H. G. Schweiger, P. K. Vogt, and R. Zinkernagel (eds.), *Current Topics in Microbiology and Immunology*. Springer-Verlag, New York, NY.
109. **Wagner, E. F., H. Ponta, and M. Schweiger.** 1977. Development of *E. coli* virus T1: Repression of host gene expression. *European Journal of Biochemistry* **80**:255-260.

110. **Wagner, E. F., H. Ponta, and M. Schweiger.** 1977. Development of *E. coli* virus T1: The pattern of gene expression. Molecular & General Genetics **150**:21-28.
111. **Watson, G. and K. Paigen.** 1971. Isolation and characterization of an *Escherichia coli* bacteriophage requiring cell wall galactose. Journal of Virology **8**:669-674.
112. **Werts, C., V. Michel, M. Hofnung, and A. Charbit.** 1994. Adsorption of Bacteriophage-Lambda on the LamB Protein of *Escherichia coli* K-22 - Point Mutations in Gene-J of Lambda Responsible for Extended Host-Range. J Bacteriol **176**:941-947.
113. **Whittam, T. S., S. D. Reid, and R. K. Selander.** 1998. Mutators and long-term molecular evolution of pathogenic *Escherichia coli* O157:H7. Emerging Infectious Diseases **4**:615-617.
114. **Wieczorek, D. J. and M. Feiss.** 2001. Defining cosQ, the site required for termination of bacteriophage lambda DNA packaging. Genetics **158**:495-506.
115. **Williams, B. J., M. Golomb, T. Phillips, J. Brownlee, M. V. Olson, and A. L. Smith.** 2002. Bacteriophage HP2 of *Haemophilus influenzae*. Journal of Bacteriology **184**:6893-6905.
116. **Woods, D. E., J. A. Jeddeloh, D. L. Fritz, and D. DeShazer.** 2002. *Burkholderia thailandensis* E125 harbors a temperate bacteriophage specific for *Burkholderia mallei*. Journal of Bacteriology **184**:4003-4017.

117. **Wrobel, B. and G. Wegrzyn.** 2002. Evolution of lambdoid replication modules. *Virus Genes* **24**:163-171.
118. **Wu, H., L. Sampson, R. Parr, and S. Casjens.** 2002. The DNA site utilized by bacteriophage P22 for initiation of DNA packaging. *Molecular Microbiology* **45**:1631-1646.
119. **Yethon, J. A. and C. Whitfield.** 2001. Purification and characterization of WaaP from *Escherichia coli*, a lipopolysaccharide kinase essential for outer membrane stability. *Journal of Biological Chemistry* **276**:5498-5504.
120. **Young, R.** 1992. Bacteriophage lysis: mechanism and regulation. *Microbiological Reviews* **56**:430-481.
121. **Young, R. and U. Blasi.** 1995. Holins: form and function in bacteriophage lysis. *FEMS Microbiology Reviews* **17**:191-205.
122. **Zhang, N. and R. Young.** 1999. Complementation and characterization of the nested Rz and Rz1 reading frames in the genome of bacteriophage lambda. *Molecular & General Genetics* **262**:659-667.
123. **Zuniga, M., B. Franke-Fayard, G. Venema, J. Kok, and A. Nauta.** 2002. Characterization of the putative replisome organizer of the lactococcal bacteriophage r1t. *Journal of Virology* **76**:10234-10244.