

Construction and characterization of new cloning vehicle system

Gene

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Citation Report

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3	Chapter 12 Genetic Modification of Plant Cells Through Uptake of Foreign DNA. International Review of Cytology, 1961, 11, 47-80.	6.2	1
4	Expression in <i>Escherichia coli</i> of a chemically synthesized gene for the hormone somatostatin. <i>Science</i> , 1977, 198, 1056-1063.	6.0	845
5	Evaluation of several enrichment procedures for the isolation of recombinant plasmid DNA. <i>Molecular Biology Reports</i> , 1978, 4, 253-256.	1.0	3
6	Isolation of a small DNA fragment carrying the gene for a dihydrofolate reductase from a trimethoprim resistance factor. <i>Molecular Genetics and Genomics</i> , 1978, 164, 15-29.	2.4	27
7	Cloning and characterization of EcoRI and HindIII restriction endonuclease-generated fragments of antibiotic resistance plasmids R6-5 and R6. <i>Molecular Genetics and Genomics</i> , 1978, 162, 121-137.	2.4	200
8	Molecular cloning of the gene region coding for the chloroplast rRNA of <i>Euglena gracilis</i> . <i>Molecular Genetics and Genomics</i> , 1978, 163, 1-6.	2.4	6
9	The expression of tetracycline resistance after insertion of foreign DNA fragments between the EcoRI and HindIII sites of the plasmid cloning vector pBR 322. <i>Molecular Genetics and Genomics</i> , 1978, 163, 301-305.	2.4	57
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15	Phenotypic expression in <i>E. coli</i> of a DNA sequence coding for mouse dihydrofolate reductase. <i>Nature</i> , 1978, 275, 617-624.	13.7	430
16	The regulatory region of the trp operon of <i>Serratia marcescens</i> . <i>Nature</i> , 1978, 276, 684-689.	13.7	62
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19	<i>Bacillus subtilis</i> and the cloning of DNA. <i>Trends in Biochemical Sciences</i> , 1978, 3, 184-186.	3.7	4
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22	Trans-complementation-dependent replication of a low molecular weight origin fragment from plasmid R6K. <i>Cell</i> , 1978, 15, 1199-1208.	13.5	387
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25	Isolation, cloning and characterization of argF gene DNA from Escherichia coli K-12. <i>Gene</i> , 1978, 4, 261-278.	1.0	8
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1956	Determination of plasmid copy number with nucleic acid sandwich hybridization. <i>Journal of Biotechnology</i> , 1987, 5, 267-277.	1.9	15
1957	Nucleotide sequence and deduced amino acid sequence of a coleopteran-active delta-endotoxin gene from <i>Bacillus thuringiensis</i> subsp. <i>san diego</i> . <i>Gene</i> , 1987, 57, 37-46.	1.0	63
1958	Molecular characterization of the histone gene family of <i>Caenorhabditis elegans</i> . <i>Journal of Molecular Biology</i> , 1987, 196, 27-38.	2.0	38
1959	High frequency transformation of <i>Zymomonas mobilis</i> by plasmid DNA. <i>Journal of Biotechnology</i> , 1987, 6, 247-258.	1.9	9
1960	Molecular cloning of an <i>Erwinia chrysanthemi</i> oligogalacturonate lyase gene involved in pectin degradation. <i>Gene</i> , 1987, 55, 125-133.	1.0	22
1961	Lorist6, a cosmid vector with BamHI, NotI, Scal and Hind III cloning sites and altered neomycin phosphotransferase gene expression. <i>Gene</i> , 1987, 53, 283-286.	1.0	77
1962	Phosphoribosylpyrophosphate synthetase of <i>Bacillus subtilis</i> . Cloning, characterization and chromosomal mapping of the <i>prs</i> gene. <i>Gene</i> , 1987, 53, 247-255.	1.0	37
1963	Transfer of plasmid-borne <i>tuf</i> mutations to the chromosome as a genetic tool for studying the functioning of EF-TuA and EF-TuB in the <i>E. coli</i> cell. <i>Biochimie</i> , 1987, 69, 1021-1030.	1.3	19
1964	Cloning and sequencing of the <i>Escherichia coli</i> <i>gyrA</i> gene coding for the a subunit of DNA gyrase. <i>Journal of Molecular Biology</i> , 1987, 197, 729-736.	2.0	184
1965	Searching for potential Z-DNA in genomic <i>Escherichia coli</i> DNA. <i>Journal of Molecular Biology</i> , 1987, 193, 447-464.	2.0	27
1966	Structure and sequence of the <i>Drosophila melanogaster</i> calmodulin gene. <i>Journal of Molecular Biology</i> , 1987, 196, 471-485.	2.0	102
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1970	Identification and characterization of insertion sequence IS <i>Rm1</i> in <i>Rhizobium meliloti</i> J1c10. <i>Canadian Journal of Microbiology</i> , 1987, 33, 314-321.	0.8	16
1971	Directed mutagenesis in <i>Candida albicans</i> : one-step gene disruption to isolate <i>ura3</i> mutants.. <i>Molecular and Cellular Biology</i> , 1987, 7, 199-208.	1.1	179
1972	DNA structure equilibria in the human c-myc gene. <i>Biochemistry</i> , 1987, 26, 367-376.	1.2	99
1973	Role of divalent cation in topoisomerase II mediated reactions. <i>Biochemistry</i> , 1987, 26, 6402-6406.	1.2	85
1974	Molecular cloning and characterization of the genetic determinant encoding CS3 fimbriae of enterotoxigenic <i>Escherichia coli</i> . <i>Microbial Pathogenesis</i> , 1987, 2, 195-209.	1.3	37
1975	Homology-dependent changes in adenosine 5'-triphosphate hydrolysis during <i>recA</i> protein-promoted DNA strand exchange: evidence for long paranemic complexes. <i>Biochemistry</i> , 1987, 26, 5616-5625.	1.2	69
1976	Nucleotide sequence of the epidermolytic toxin A gene of <i>Staphylococcus aureus</i> . <i>Journal of Bacteriology</i> , 1987, 169, 3910-3915.	1.0	75
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1984	Physical and genetic characterization of the glucitol operon in <i>Escherichia coli</i> . <i>Journal of Bacteriology</i> , 1987, 169, 2990-2994.	1.0	34
1985	Synthesis of linear multimers of <i>OriC</i> and pBR322 derivatives in <i>Escherichia coli</i> K-12: role of recombination and replication functions. <i>Journal of Bacteriology</i> , 1987, 169, 3131-3137.	1.0	63

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1991	Cloning and expression of the gene for a fibronectin-binding protein from <i>Staphylococcus aureus</i> .. <i>EMBO Journal</i> , 1987, 6, 2351-2357.	3.5	218
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1993	Titration of DnaA protein by <i>oriC</i> DnaA-boxes increases <i>dnaA</i> gene expression in <i>Escherichia coli</i> .. <i>EMBO Journal</i> , 1987, 6, 255-258.	3.5	51
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2032	In vitro expression of a cyanobacterial plasmid. <i>Current Microbiology</i> , 1987, 15, 265-268.	1.0	5
2033	Structure and evolution of a family of interspersed repetitive DNA sequences in <i>Caenorhabditis elegans</i> . <i>Journal of Molecular Evolution</i> , 1987, 25, 230-240.	0.8	5
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2037	The role of <i>Rhizobium</i> conserved and host specific nodulation genes in the infection of the non-legume <i>Parasponia andersonii</i> . <i>Molecular Genetics and Genomics</i> , 1987, 210, 299-306.	2.4	25
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2044	Cloning and expression in <i>Escherichia coli</i> , <i>Bacillus subtilis</i> , and <i>Streptococcus sanguis</i> of a gene for staphylokinase $\alpha\epsilon$ a bacterial plasminogen activator. <i>Molecular Genetics and Genomics</i> , 1987, 210, 528-534.	2.4	108
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2046	Genetic analysis of constitutive stable DNA replication in <i>rnh</i> mutants of <i>Escherichia coli</i> K12. <i>Molecular Genetics and Genomics</i> , 1987, 208, 420-427.	2.4	23
2047	Direction of transcription affects the replication mode of ϕ in an in vitro system. <i>Molecular Genetics and Genomics</i> , 1987, 208, 428-435.	2.4	3
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2052	The functional stability of the <i>lacZ</i> transcript is sensitive towards sequence alterations immediately downstream of the ribosome binding site. <i>Molecular Genetics and Genomics</i> , 1987, 209, 179-187.	2.4	55
2053	The plasmids of <i>Acetobacter xylinum</i> and their interaction with the host chromosome. <i>Molecular Genetics and Genomics</i> , 1987, 208, 76-83.	2.4	22
2054	The unusual translational initiation codon AUU limits the expression of the <i>infC</i> (initiation factor IF3) gene of <i>Escherichia coli</i> . <i>Molecular Genetics and Genomics</i> , 1987, 208, 94-100.	2.4	50
2055	The origin of transfer (<i>oriT</i>) of the conjugative plasmid R46: Characterization by deletion analysis and DNA sequencing. <i>Molecular Genetics and Genomics</i> , 1987, 208, 219-225.	2.4	24
2056	Sequence of the <i>mgIB</i> gene from <i>Escherichia coli</i> K12: Comparison of wild-type and mutant galactose chemoreceptors. <i>Molecular Genetics and Genomics</i> , 1987, 208, 247-253.	2.4	61
2057	Cloning of two type II methylase genes that recognise asymmetric nucleotide sequences: <i>FokI</i> and <i>HgaI</i> . <i>Molecular Genetics and Genomics</i> , 1987, 209, 570-574.	2.4	27

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2059	Cloning of the <i>cysB</i> gene of <i>Erwinia carotovora</i> subsp. <i>carotovora</i> , and the identification of its product. <i>Molecular Genetics and Genomics</i> , 1987, 207, 466-470.	2.4	6
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2062	Identification and mapping of regions that confer plasmid functions and of sites for excisive recombination of plasmid pMMC7105. <i>Molecular Genetics and Genomics</i> , 1987, 206, 265-272.	2.4	7
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2068	Cloning and expression of the OMP decarboxylase gene <i>URA4</i> from <i>Schizosaccharomyces pombe</i> . <i>Current Genetics</i> , 1987, 12, 527-534.	0.8	71
2069	Regulation of the <i>ban</i> gene containing operon of prophage P1. <i>Molecular Genetics and Genomics</i> , 1987, 206, 368-376.	2.4	12
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2073	Construction of a chromosome 16-enriched phage library and characterization of several DNA segments from 16p. <i>Human Genetics</i> , 1987, 77, 95-103.	1.8	33
2074	A model for the evolution of the <i>Vicia faba</i> chloroplast genome. <i>Theoretical and Applied Genetics</i> , 1987, 74, 125-139.	1.8	10
2075	Physical map and gene localization on sunflower (<i>Helianthus annuus</i>) chloroplast DNA: evidence for an inversion of a 23.5-kbp segment in the large single copy region. <i>Plant Molecular Biology</i> , 1987, 9, 485-496.	2.0	17

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2078	Stability of plasmid PBR322 in <i>Escherichia coli</i> immobilized on cotton cloth during use as resident inoculum. <i>Biotechnology Letters</i> , 1987, 9, 825-830.	1.1	13
2079	Y-190, a DNA probe for the sensitive detection of Y-derived marker chromosomes and mosaicism. <i>Human Genetics</i> , 1987, 75, 109-113.	1.8	49
2080	Spurious DNA blot hybridization resulting from bacterial contamination of primary tissue preparations. <i>Analytical Biochemistry</i> , 1987, 161, 311-315.	1.1	5
2081	Cloning and expression in <i>Escherichia coli</i> of <i>Clostridium thermocellum</i> DNA encoding β -glucosidase activity. <i>Enzyme and Microbial Technology</i> , 1987, 9, 474-478.	1.6	26
2082	Use of bacilli for overproduction of exocellular endo- β -1,4-glucanase encoded by cloned gene. <i>Enzyme and Microbial Technology</i> , 1987, 9, 594-597.	1.6	18
2083	Immobilization of the restriction endonucleases <i>PvuII</i> and <i>HindIII</i> . <i>Applied Biochemistry and Biotechnology</i> , 1987, 15, 119-130.	1.4	5
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2085	Inhibition of mutation induction and unchanged mutational specificity in <i>Escherichia coli</i> K12 overproducing the RecA protein. <i>Folia Microbiologica</i> , 1987, 32, 194-199.	1.1	2
2086	Cell volume changes correlate with efficiency of transformation of <i>Escherichia coli</i> with plasmid DNA. <i>FEMS Microbiology Letters</i> , 1987, 42, 125-128.	0.7	2
2087	Direct selection of recombinant plasmids with chlorate. <i>FEMS Microbiology Letters</i> , 1987, 43, 201-205.	0.7	2
2088	Isolation of the gene encoding the major endoglucanase of <i>Erwinia chrysanthemi</i> . Homology between cel genes of two strains of <i>Erwinia chrysanthemi</i> . <i>FEMS Microbiology Letters</i> , 1987, 41, 351-356.	0.7	18
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2090	Construction and properties of a chimeric bacteriophage lysis gene. <i>FEMS Microbiology Letters</i> , 1987, 48, 19-24.	0.7	16
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2092	Formation and regeneration of <i>Frankia</i> protoplasts. <i>Physiologia Plantarum</i> , 1987, 70, 259-266.	2.6	20
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2094	Primary structure of the uracil transport protein of <i>Saccharomyces cerevisiae</i> . <i>FEBS Journal</i> , 1988, 171, 417-424.	0.2	98
2095	Structure of the horseradish peroxidase isozyme C genes. <i>FEBS Journal</i> , 1988, 173, 681-687.	0.2	101
2096	Preliminary characterization of a mutant of herpes simplex virus type 1 selected for acycloguanosine resistance in vitro. <i>Journal of Medical Virology</i> , 1988, 24, 251-262.	2.5	10
2097	Cloning and preliminary characterization of the streptothricin resistance determinants of the transposons Tn1825 and Tn1826. <i>Journal of Basic Microbiology</i> , 1988, 28, 129-136.	1.8	19
2098	Transformation of bacteria with plasmid DNA by electroporation. <i>Analytical Biochemistry</i> , 1988, 170, 38-44.	1.1	180
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2100	Electrophoresis of DNA restriction fragments in poly-N-acryloyl-tris gels. <i>Analytical Biochemistry</i> , 1988, 170, 478-484.	1.1	22
2101	Regeneration of flax plants transformed by <i>Agrobacterium rhizogenes</i> . <i>Plant Molecular Biology</i> , 1988, 11, 551-559.	2.0	54
2102	Cloning and analysis of <i>Agrobacterium tumefaciens</i> C58 loci involved in glutamine biosynthesis: Neither the <i>glnA</i> (GSI) nor the <i>glnII</i> (GSII) gene plays a special role in virulence. <i>Molecular Genetics and Genomics</i> , 1988, 212, 38-47.	2.4	24
2103	Cloning and characterization of the gene, <i>speC</i> , for pyrogenic exotoxin type C from <i>Streptococcus pyogenes</i> . <i>Molecular Genetics and Genomics</i> , 1988, 212, 66-70.	2.4	39
2104	Bacteriophage lambda DNA packaging: A mutant terminase that is independent of integration host factor. <i>Molecular Genetics and Genomics</i> , 1988, 212, 142-148.	2.4	25
2105	The bacteriophage λ cohesive end site: Isolation of spacing/substitution mutations that result in dependence on <i>Escherichia coli</i> integration host factor. <i>Molecular Genetics and Genomics</i> , 1988, 212, 157-165.	2.4	36
2106	Effects on growth and sporulation of inactivation of a <i>Bacillus subtilis</i> gene (<i>ctc</i>) transcribed in vitro by minor vegetative cell RNA polymerases (<i>E-λf37</i> , <i>E-λf32</i>). <i>Molecular Genetics and Genomics</i> , 1988, 212, 166-171.	2.4	25
2107	The base-alteration spectrum of spontaneous and ultraviolet radiation-induced forward mutations in the <i>URA3</i> locus of <i>Saccharomyces cerevisiae</i> . <i>Molecular Genetics and Genomics</i> , 1988, 214, 396-404.	2.4	68
2108	Replication of <i>ColE2</i> and <i>ColE3</i> plasmids: Two <i>ColE2</i> incompatibility functions. <i>Molecular Genetics and Genomics</i> , 1988, 214, 451-455.	2.4	14
2109	The <i>mglB</i> sequence of <i>Salmonella typhimurium</i> LT2; promoter analysis by gene fusions and evidence for a divergently oriented gene coding for the <i>mgl</i> repressor. <i>Molecular Genetics and Genomics</i> , 1988, 214, 579-587.	2.4	23
2110	Functional expression of <i>Aquaspirillum magnetotacticum</i> genes in <i>Escherichia coli</i> K12. <i>Molecular Genetics and Genomics</i> , 1988, 214, 592-594.	2.4	10
2111	Characterisation of a promoter from <i>Methylomonas clara</i> . <i>Molecular Genetics and Genomics</i> , 1988, 211, 210-214.	2.4	7

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2112	Transposon Tn21 encodes a RecA-independent site-specific integration system. <i>Molecular Genetics and Genomics</i> , 1988, 211, 320-325.	2.4	116
2113	Apparent gene conversion in an <i>Escherichia coli</i> rec ⁺ strain is explained by multiple rounds of reciprocal crossing-over. <i>Molecular Genetics and Genomics</i> , 1988, 212, 393-404.	2.4	43
2114	Functional and structural homology among regulatory cistrons of pili-adhesin determinants in <i>Escherichia coli</i> . <i>Molecular Genetics and Genomics</i> , 1988, 212, 412-417.	2.4	30
2115	Molecular analysis of the packaging signal in bacteriophage CP-T1 of <i>Vibrio cholerae</i> . <i>Molecular Genetics and Genomics</i> , 1988, 212, 514-521.	2.4	7
2116	The use of the luxA gene of the bacterial luciferase operon as a reporter gene. <i>Molecular Genetics and Genomics</i> , 1988, 215, 1-9.	2.4	71
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2118	Evidence for a <i>Micrococcus luteus</i> gene homologous to uvrB of <i>Escherichia coli</i> . <i>Molecular Genetics and Genomics</i> , 1988, 213, 21-29.	2.4	28
2119	Molecular studies on interspersed repetitive and unique sequences in the region of the complementation group uncoordinated on the X chromosome of <i>Drosophila melanogaster</i> . <i>Molecular Genetics and Genomics</i> , 1988, 213, 63-71.	2.4	26
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2121	Replication of ColE2 and ColE3 plasmids: The regions sufficient for autonomous replication. <i>Molecular Genetics and Genomics</i> , 1988, 212, 225-231.	2.4	33
2122	Cloning and nucleotide sequence of the <i>Salmonella typhimurium</i> LT2 metF gene and its homology with the corresponding sequence of <i>Escherichia coli</i> . <i>Molecular Genetics and Genomics</i> , 1988, 212, 246-251.	2.4	23
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2124	Plasmids with the uidA reporter gene for the detection of promoters and transcription signals. <i>Molecular Genetics and Genomics</i> , 1988, 212, 390-392.	2.4	17
2125	Primary structure and promoter analysis of leghemoglobin genes of the stem-nodulated tropical legume <i>Sesbania rostrata</i> : Conserved coding sequences, cis-elements and trans-acting factors. <i>Molecular Genetics and Genomics</i> , 1988, 214, 181-191.	2.4	62
2126	Yeast nuclear gene CBS2, required for translational activation of cytochrome b, encodes a basic protein of 45 kDa. <i>Molecular Genetics and Genomics</i> , 1988, 214, 263-270.	2.4	16
2127	The F factor of <i>Escherichia coli</i> carries a locus of stable plasmid inheritance stm, similar to the parB locus of plasmid RI. <i>Molecular Genetics and Genomics</i> , 1988, 214, 353-357.	2.4	26
2128	Site-specific recombination promotes linkage between trimethoprim- and sulfonamide resistance genes. Sequence characterization of dhfrV and sull and a recombination active locus of Tn21. <i>Molecular Genetics and Genomics</i> , 1988, 213, 191-201.	2.4	234
2129	Cloning and expression of the Sall restriction-modification genes of <i>Streptomyces albus</i> G. <i>Molecular Genetics and Genomics</i> , 1988, 213, 346-353.	2.4	15

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2131	Plasmid pMTL153: a high copy number version of pAT153 and its use to obtain high expression of the <i>Pseudomonas</i> carboxypeptidase G2 gene. <i>Applied Microbiology and Biotechnology</i> , 1988, 29, 572-578.	1.7	7
2132	Plasmids in carboxydophilic bacteria: physical and restriction analysis. <i>Archives of Microbiology</i> , 1988, 149, 540-546.	1.0	34
2133	Plasmid associations with residual nuclear structures in <i>Saccharomyces cerevisiae</i> . <i>Current Genetics</i> , 1988, 13, 291-297.	0.8	7
2134	Cloning of a chromosomal locus (exp) which regulates the expression of several exoprotein genes in <i>Staphylococcus aureus</i> . <i>Molecular Genetics and Genomics</i> , 1988, 211, 435-440.	2.4	162
2135	SCO1, a yeast nuclear gene essential for accumulation of mitochondrial cytochrome c oxidase subunit II. <i>Molecular Genetics and Genomics</i> , 1988, 211, 492-498.	2.4	109
2136	Increase in plasmid transformation efficiency in SOS-induced <i>Escherichia coli</i> cells. <i>Molecular Genetics and Genomics</i> , 1988, 211, 526-530.	2.4	10
2137	Cloned structural genes for the osmotically regulated binding-protein-dependent glycine betaine transport system (ProU) of <i>Escherichia coli</i> K-12. <i>Molecular Microbiology</i> , 1988, 2, 265-279.	1.2	58
2138	Cloning and CO ₂ -dependent expression of the genetic region for encapsulation from <i>Bacillus anthracis</i> . <i>Molecular Microbiology</i> , 1988, 2, 371-376.	1.2	100
2139	Nucleotide sequence of the structural gene for class I pilin from <i>Neisseria meningitidis</i> : homologies with the pilE locus of <i>Neisseria gonorrhoeae</i> . <i>Molecular Microbiology</i> , 1988, 2, 647-653.	1.2	79
2140	The outer membrane permeability mutation of the virulence-associated plasmid of <i>Salmonella typhimurium</i> located in <i>atrA</i> -like gene. <i>FEMS Microbiology Letters</i> , 1988, 52, 145-153.	0.7	18
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2142	Localization of antigenic determinants on P-fimbriae of uropathogenic <i>Escherichia coli</i> . <i>FEMS Microbiology Letters</i> , 1988, 49, 95-100.	0.7	8
2143	Cloning and expression of the 3-isopropylmalate dehydrogenase gene from <i>Candida albicans</i> . <i>FEMS Microbiology Letters</i> , 1988, 49, 285-288.	0.7	16
2144	Cloning and expression of formaldehyde resistance from <i>Escherichia coli</i> . <i>FEMS Microbiology Letters</i> , 1988, 55, 299-302.	0.7	4
2145	Molecular cloning of the plasmids of <i>Vibrio cholerae</i> O1 and the incidence of related plasmids in clinical isolates and other <i>Vibrio</i> species. <i>FEMS Microbiology Letters</i> , 1988, 50, 183-190.	0.7	6
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2147	Increased stability of pBR322-related plasmids in <i>Escherichia coli</i> W3101 grown in carrageenan gel beads. <i>FEMS Microbiology Letters</i> , 1988, 56, 307-312.	0.7	25

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2149	Oral squamous papillomas: Detection of HPV DNA by in situ hybridization. <i>Oral Surgery, Oral Medicine, and Oral Pathology</i> , 1988, 65, 545-550.	0.6	50
2150	Filamentous phage morphogenetic signal sequence and orientation of DNA in the virion and gene-V protein complex. <i>Virology</i> , 1988, 167, 166-175.	1.1	33
2151	Plasmid pIMI38 the pBR322 derivative with increased stability in <i>E. coli</i> cells. <i>Folia Microbiologica</i> , 1988, 33, 241-246.	1.1	0
2152	Homology-dependent underwinding of duplex DNA in RecA protein generated paranemic complexes. <i>Biochemistry</i> , 1988, 27, 7886-7894.	1.2	36
2153	A broad-host-range shuttle system for gene insertion into the chromosomes of Gram-negative bacteria. <i>Gene</i> , 1988, 71, 75-84.	1.0	85
2154	Host range control of cauliflower mosaic virus. <i>Virology</i> , 1988, 162, 30-37.	1.1	105
2155	Cloning and generation of a genetic map of bacteriophage N4 DNA. <i>Virology</i> , 1988, 162, 328-336.	1.1	15
2156	A new revision of the sequence of plasmid pBR322. <i>Gene</i> , 1988, 70, 399-403.	1.0	143
2157	Methods for Detecting Recombinant Dna in the Environment. <i>Critical Reviews in Biotechnology</i> , 1988, 8, 33-84.	5.1	57
2158	The role of the traT gene of the <i>Salmonella typhimurium</i> virulence plasmid for serum resistance and growth within liver macrophages. <i>Microbial Pathogenesis</i> , 1988, 5, 275-285.	1.3	56
2159	Concurrent assessment of inner and outer membrane permeabilization and bacteriolysis in <i>E. coli</i> by multiple-wavelength spectrophotometry. <i>Journal of Immunological Methods</i> , 1988, 108, 153-158.	0.6	210
2160	Initiation of DNA replication at cloned origins of bacteriophage T7. <i>Journal of Molecular Biology</i> , 1988, 204, 903-916.	2.0	23
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2162	Control of cell division by sex factor F in <i>Escherichia coli</i> . <i>Journal of Molecular Biology</i> , 1988, 201, 327-338.	2.0	23
2163	Stability of pBR322-derived plasmids. <i>Plasmid</i> , 1988, 20, 207-220.	0.4	46
2164	A broad-host-range vector system for cloning and translational lacZ fusion analysis. <i>Plasmid</i> , 1988, 19, 175-188.	0.4	71
2165	Hybridization analysis of the class P tetracycline resistance determinant from the <i>Clostridium perfringens</i> R-plasmid, pCW3. <i>Plasmid</i> , 1988, 19, 113-120.	0.4	44

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2167	A versatile class of positive-selection vectors based on the nonviability of palindrome-containing plasmids that allows cloning into long polylinkers. <i>Gene</i> , 1988, 68, 119-138.	1.0	461
2168	Nucleotide sequence and transcriptional analysis of a third function (Flm) involved in F-plasmid maintenance. <i>Gene</i> , 1988, 66, 259-268.	1.0	71
2169	Identification of a functional promoter for the <i>Escherichia coli</i> <i>gdhA</i> gene and its regulation. <i>Gene</i> , 1988, 71, 233-246.	1.0	17
2170	Mapping and sequencing of mutations in the <i>Escherichia coli</i> <i>poB</i> gene that lead to rifampicin resistance. <i>Journal of Molecular Biology</i> , 1988, 202, 45-58.	2.0	666
2171	Amplification of cloned DNA as tandem multimers using <i>BspMI</i> -generated asymmetric cohesive ends. <i>Gene</i> , 1988, 71, 1-8.	1.0	30
2172	A novel vector allowing the expression of genes in a wide range of Gram-negative bacteria. <i>Gene</i> , 1988, 70, 199-204.	1.0	3
2173	Characterization and promoter selectivity of <i>Lactobacillus acidophilus</i> RNA polymerase. <i>Biochimie</i> , 1988, 70, 1765-1774.	1.3	19
2174	Molecular cloning of two chitinase genes from <i>Serratia marcescens</i> and their expression in <i>Pseudomonas</i> species. <i>Physiological and Molecular Plant Pathology</i> , 1988, 33, 483-491.	1.3	71
2175	Transposition of $\hat{\text{I}}^{\text{placMu}}$ is mediated by the A protein altered at its carboxy-terminal end. <i>Gene</i> , 1988, 71, 177-186.	1.0	25
2176	Targeting bacteriophage T7 RNA polymerase to the mammalian cell nucleus. <i>Gene</i> , 1988, 68, 259-266.	1.0	116
2177	An explanation for the phenotypic differences between patients bearing partial deletions of the DMD locus. <i>Genomics</i> , 1988, 2, 90-95.	1.3	1,103
2178	<i>McrA</i> and <i>McrB</i> restriction phenotypes of some <i>E. coli</i> strains and implications for gene cloning. <i>Nucleic Acids Research</i> , 1988, 16, 1563-1575.	6.5	357
2179	Mutant isolation and cloning of the gene encoding protease VII from <i>Escherichia coli</i> . <i>Biochemical and Biophysical Research Communications</i> , 1988, 153, 753-759.	1.0	38
2180	Mini-Mulac transposons with broad-host-range origins of conjugal transfer and replication designed for gene regulation studies in <i>Rhizobiaceae</i> . <i>Gene</i> , 1988, 63, 41-52.	1.0	51
2181	Mutations in cloned <i>Escherichia coli</i> P fimbriae genes that makes fimbriae-production resistant to suppression by trimethoprim. <i>Microbial Pathogenesis</i> , 1988, 4, 369-377.	1.3	5
2182	Morphologic and immunohistochemical evidence of human papillomavirus capsid antigen in smokeless tobacco keratoses from juveniles and adults. <i>Journal of Oral and Maxillofacial Surgery</i> , 1988, 46, 919-929.	0.5	13
2183	Unidirectional replication of plasmid R100. <i>Journal of Molecular Biology</i> , 1988, 204, 331-343.	2.0	21

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2185	A new cloning system for <i>Bacillus subtilis</i> comprising elements of phage, plasmid and transposon vectors. <i>Gene</i> , 1988, 73, 215-226.	1.0	10
2186	In-vivo studies on the cis-acting replication initiator protein of IncFII plasmid NR1. <i>Journal of Molecular Biology</i> , 1988, 202, 495-509.	2.0	19
2187	Cloning and expression of the <i>Campylobacter jejuni</i> glyA gene in <i>Escherichia coli</i> . <i>Gene</i> , 1988, 73, 185-191.	1.0	25
2188	Construction of a new shuttle expression vector for <i>Bacillus subtilis</i> and <i>Escherichia coli</i> by using a polycistronic system. <i>Gene</i> , 1988, 69, 59-69.	1.0	4
2189	Copy choice illegitimate DNA recombination. <i>Cell</i> , 1988, 52, 883-892.	13.5	65
2190	Transcriptional regulation and gene arrangement of <i>Escherichia coli</i> , <i>Citrobacter freundii</i> and <i>Salmonella typhimurium</i> biotin operons. <i>Gene</i> , 1988, 67, 203-211.	1.0	29
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2197	Initiation of phage T29 DNA replication by mutants with deletions at the amino end of the terminal protein. <i>Gene</i> , 1988, 63, 113-121.	1.0	20
2198	Cloning and physical characterization of katE and katF required for catalase HPII expression in <i>Escherichia coli</i> . <i>Gene</i> , 1988, 73, 337-345.	1.0	132
2199	Selection for signal sequence mutations that enhance production of secreted human proinsulin by <i>Escherichia coli</i> . <i>Gene</i> , 1988, 71, 147-156.	1.0	9
2200	Cloning and nucleotide sequence determination of the isopenicillin N synthetase gene from <i>Streptomyces clavuligerus</i> . <i>Gene</i> , 1988, 62, 187-196.	1.0	93
2201	Cloning and expression in <i>Escherichia coli</i> of two DNA fragments from <i>Bacillus sphaericus</i> encoding mosquito-larvicidal activity. <i>Journal of Biotechnology</i> , 1988, 7, 71-82.	1.9	10

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2203	Cloning, nucleotide sequence and characterization of genes encoding naphthalene dioxygenase of <i>Pseudomonas putida</i> strain NCIB9816. <i>Gene</i> , 1988, 73, 355-362.	1.0	173
2204	Analysis of the <i>Escherichia coli</i> glycogen gene cluster suggests that catabolic enzymes are encoded among the biosynthetic genes. <i>Gene</i> , 1988, 70, 363-376.	1.0	114
2205	Vectors for efficient expression in mammalian fibroblastoid, myeloid and lymphoid cells via transfection or infection. <i>Gene</i> , 1988, 68, 213-219.	1.0	175
2206	A novel diagnostic method based on DNA strand displacement. <i>Molecular and Cellular Probes</i> , 1988, 2, 15-30.	0.9	13
2207	Translational regulation of the <i>spc</i> operon in <i>Escherichia coli</i> . <i>Journal of Molecular Biology</i> , 1988, 204, 309-325.	2.0	82
2208	Cloning and characterization of a novel β -galactosidase-coding gene from <i>Rhizobium meliloti</i> . <i>Gene</i> , 1988, 71, 57-64.	1.0	10
2209	Purification and characterization of the restriction endonuclease <i>RsrI</i> , an isoschizomer of <i>EcoRI</i> . <i>Gene</i> , 1988, 68, 43-52.	1.0	20
2210	Rooting the Archaeobacterial Tree: The Pivotal Role of <i>Thermococcus celer</i> in Archaeobacterial Evolution. <i>Systematic and Applied Microbiology</i> , 1988, 10, 231-240.	1.2	75
2211	Expression of the <i>ada</i> gene of <i>Escherichia coli</i> in response to alkylating agents. <i>Journal of Molecular Biology</i> , 1988, 202, 483-494.	2.0	41
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2214	The <i>trp</i> Promoter of <i>Escherichia coli</i> and its Exploitation in the Design of Efficient Protein Production Systems. <i>Biotechnology and Genetic Engineering Reviews</i> , 1988, 6, 1-42.	2.4	10
2215	Sequence analysis of the <i>NgoPII</i> methyltransferase gene from <i>Neisseria gonorrhoeae</i> P9: homologies with other enzymes recognizing the sequence 5'-GGCC-3'. <i>Nucleic Acids Research</i> , 1988, 16, 4369-4387.	6.5	40
2216	Nucleotide Sequence of <i>fruA</i> , the Gene Specifying Enzyme I _{fru} of the Phosphoenolpyruvate-dependent Sugar Phosphotransferase System in <i>Escherichia coli</i> K12. <i>Microbiology (United Kingdom)</i> , 1988, 134, 2757-2768.	0.7	37
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4517	Isolation and characterization of <i>Lactococcus lactis</i> subsp. <i>lactis</i> promoters. <i>Applied and Environmental Microbiology</i> , 1991, 57, 333-340.	1.4	64
4518	Secretion of TEM beta-lactamase with signal sequences isolated from the chromosome of <i>Lactococcus lactis</i> subsp. <i>lactis</i> . <i>Applied and Environmental Microbiology</i> , 1991, 57, 341-348.	1.4	64
4519	Cloning, sequence analysis, and expression in <i>Escherichia coli</i> of a gene coding for a beta-mannanase from the extremely thermophilic bacterium " <i>Caldocellum saccharolyticum</i> ". <i>Applied and Environmental Microbiology</i> , 1991, 57, 694-700.	1.4	70
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4521	Cloning and nucleotide sequence of the gene coding for citrate synthase from a thermotolerant <i>Bacillus</i> sp. <i>Applied and Environmental Microbiology</i> , 1992, 58, 335-345.	1.4	15

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4523	Development of a gene transfer system for curing of plasmids in the marine fish pathogen <i>Vibrio salmonicida</i> . <i>Applied and Environmental Microbiology</i> , 1992, 58, 1980-1985.	1.4	17
4524	Cloning, expression, and nucleotide sequence of genes involved in production of pediocin PA-1, and bacteriocin from <i>Pediococcus acidilactici</i> PAC1.0. <i>Applied and Environmental Microbiology</i> , 1992, 58, 2360-2367.	1.4	324
4525	Sequence variation in the thermostable direct hemolysin-related hemolysin (trh) gene of <i>Vibrio parahaemolyticus</i> . <i>Applied and Environmental Microbiology</i> , 1992, 58, 2449-2457.	1.4	134
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4527	Cloning, nucleotide sequences, and overexpression in <i>Escherichia coli</i> of tandem copies of a tryptophanase gene in an obligately symbiotic thermophile, <i>Symbiobacterium thermophilum</i> . <i>Applied and Environmental Microbiology</i> , 1992, 58, 2633-2642.	1.4	26
4528	Cloning and nucleotide sequence of the gene coding for aspartokinase II from a thermophilic methylotrophic <i>Bacillus</i> sp. <i>Applied and Environmental Microbiology</i> , 1992, 58, 2806-2814.	1.4	24
4529	Molecular breeding of a biotin-hyperproducing <i>Serratia marcescens</i> strain. <i>Applied and Environmental Microbiology</i> , 1993, 59, 3225-3232.	1.4	28
4530	Genetic improvement of <i>Escherichia coli</i> for enhanced biological removal of phosphate from wastewater. <i>Applied and Environmental Microbiology</i> , 1993, 59, 3744-3749.	1.4	72
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4537	Expression of the lysostaphin gene of <i>Staphylococcus simulans</i> in a eukaryotic system. <i>Applied and Environmental Microbiology</i> , 1994, 60, 771-776.	1.4	23
4538	Identification of int and attP on the genome of lactococcal bacteriophage Tuc2009 and their use for site-specific plasmid integration in the chromosome of Tuc2009-resistant <i>Lactococcus lactis</i> MG1363. <i>Applied and Environmental Microbiology</i> , 1994, 60, 2324-2329.	1.4	59
4539	Regulation of the production of extracellular pectinase, cellulase, and protease in the soft rot bacterium <i>Erwinia carotovora</i> subsp. <i>carotovora</i> : evidence that aepH of <i>E. carotovora</i> subsp. <i>carotovora</i> 71 activates gene expression in <i>E. carotovora</i> subsp. <i>carotovora</i> , <i>E. carotovora</i> subsp. <i>atroseptica</i> , and <i>Escherichia coli</i> . <i>Applied and Environmental Microbiology</i> , 1994, 60, 3150-3159.	1.4	65

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4542	Construction and use of a nontoxic strain of <i>Pseudomonas aeruginosa</i> for the production of recombinant exotoxin A. <i>Applied and Environmental Microbiology</i> , 1995, 61, 1739-1744.	1.4	2
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4544	Recombinant protein expression at low temperatures under the transcriptional control of the major <i>Escherichia coli</i> cold shock promoter <i>cspA</i> . <i>Applied and Environmental Microbiology</i> , 1996, 62, 1444-1447.	1.4	66
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4546	Identification and characterization of a <i>Pantoea citrea</i> gene encoding glucose dehydrogenase that is essential for causing pink disease of pineapple. <i>Applied and Environmental Microbiology</i> , 1997, 63, 71-76.	1.4	32
4547	Cloning and sequence analysis of a novel hemolysin gene (<i>vlyY</i>) from <i>Vibrio vulnificus</i> . <i>Applied and Environmental Microbiology</i> , 1997, 63, 3851-3857.	1.4	27
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4549	Four genes from <i>Pseudomonas fluorescens</i> that encode the biosynthesis of pyrrolnitrin. <i>Applied and Environmental Microbiology</i> , 1997, 63, 2147-2154.	1.4	228
4550	Characterization of the gene encoding an extracellular laccase of <i>Myceliophthora thermophila</i> and analysis of the recombinant enzyme expressed in <i>Aspergillus oryzae</i> . <i>Applied and Environmental Microbiology</i> , 1997, 63, 3151-3157.	1.4	219
4551	Construction and Characterization of a 1,3-Propanediol Operon. <i>Applied and Environmental Microbiology</i> , 1998, 64, 98-105.	1.4	79
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4553	<i>cumA</i> , a Gene Encoding a Multicopper Oxidase, Is Involved in Mn ²⁺ Oxidation in <i>Pseudomonas putida</i> GB-1. <i>Applied and Environmental Microbiology</i> , 1999, 65, 1762-1768.	1.4	148
4554	Cloning and Characterization of Polyphosphate Kinase and Exopolyphosphatase Genes from <i>Pseudomonas aeruginosa</i> 8830. <i>Applied and Environmental Microbiology</i> , 1999, 65, 2065-2071.	1.4	36
4555	An Alkane-Responsive Expression System for the Production of Fine Chemicals. <i>Applied and Environmental Microbiology</i> , 1999, 65, 2324-2332.	1.4	143
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4559	Organization and expression of genes involved in the production of the K88ab antigen. <i>Infection and Immunity</i> , 1981, 32, 1155-1163.	1.0	100
4560	Expression of <i>Treponema pallidum</i> antigens in <i>Escherichia coli</i> K-12. <i>Infection and Immunity</i> , 1982, 36, 1238-1241.	1.0	63
4561	Cloning of genes determining the production of mannose-resistant fimbriae in a uropathogenic strain of <i>Escherichia coli</i> belonging to serogroup O6. <i>Infection and Immunity</i> , 1982, 38, 739-744.	1.0	117
4562	Construction and expression of recombinant plasmids encoding type 1 fimbriae of a urinary <i>Klebsiella pneumoniae</i> isolate. <i>Infection and Immunity</i> , 1983, 39, 1122-1127.	1.0	43
4563	Conformity between heat-labile toxin genes from human and porcine enterotoxigenic <i>Escherichia coli</i> . <i>Infection and Immunity</i> , 1983, 40, 647-652.	1.0	70
4564	Nucleotide sequence of the gene for heat-stable enterotoxin II of <i>Escherichia coli</i> . <i>Infection and Immunity</i> , 1983, 42, 269-275.	1.0	158
4565	Cloning and expression of <i>Treponema pallidum</i> (Nichols) antigen genes in <i>Escherichia coli</i> . <i>Infection and Immunity</i> , 1983, 42, 435-445.	1.0	87
4566	Cloning and expression in <i>Escherichia coli</i> of the streptolysin O determinant from <i>Streptococcus pyogenes</i> : characterization of the cloned streptolysin O determinant and demonstration of the absence of substantial homology with determinants of other thiol-activated toxins. <i>Infection and Immunity</i> , 1984, 43, 804-810.	1.0	91
4567	Cloning of enterotoxin gene from <i>Aeromonas hydrophila</i> provides conclusive evidence of production of a cytotoxic enterotoxin. <i>Infection and Immunity</i> , 1984, 46, 435-441.	1.0	143
4568	Construction of a conjugative plasmid with potential use in vaccines against heat-labile enterotoxin. <i>Infection and Immunity</i> , 1985, 47, 5-10.	1.0	8
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4570	Detection of the thermostable direct hemolysin gene and related DNA sequences in <i>Vibrio parahaemolyticus</i> and other vibrio species by the DNA colony hybridization test. <i>Infection and Immunity</i> , 1985, 49, 481-486.	1.0	181
4571	Complementation analyses of recombinant plasmids encoding type 1 fimbriae of members of the family Enterobacteriaceae. <i>Infection and Immunity</i> , 1985, 50, 338-340.	1.0	20
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4573	Cloning and expression of the leukotoxin gene of <i>Pasteurella haemolytica</i> A1 in <i>Escherichia coli</i> K-12. <i>Infection and Immunity</i> , 1985, 50, 667-671.	1.0	84
4574	In vivo repackaging of recombinant cosmid molecules for analyses of <i>Salmonella typhimurium</i> , <i>Streptococcus mutans</i> , and mycobacterial genomic libraries. <i>Infection and Immunity</i> , 1986, 52, 101-109.	1.0	77
4575	Molecular cloning and expression in <i>Escherichia coli</i> K-12 of the gene for a hemagglutinin from <i>Vibrio cholerae</i> . <i>Infection and Immunity</i> , 1986, 52, 279-284.	1.0	34

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4577	A low-Ca ²⁺ response operon encodes the V antigen of <i>Yersinia pestis</i> . <i>Infection and Immunity</i> , 1986, 54, 428-434.	1.0	110
4578	Formation of transmural complement pores in serum-sensitive <i>Escherichia coli</i> . <i>Infection and Immunity</i> , 1987, 55, 206-210.	1.0	32
4579	Expression of staphylococcal enterotoxin C1 in <i>Escherichia coli</i> . <i>Infection and Immunity</i> , 1987, 55, 428-432.	1.0	45
4580	Cloning and functional expression of the <i>Coxiella burnetii</i> citrate synthase gene in <i>Escherichia coli</i> . <i>Infection and Immunity</i> , 1987, 55, 848-855.	1.0	27
4581	Substitutions of cysteine residues of <i>Escherichia coli</i> heat-stable enterotoxin by oligonucleotide-directed mutagenesis. <i>Infection and Immunity</i> , 1987, 55, 2121-2125.	1.0	36
4582	Genetic analysis of the 9.5-kilobase virulence plasmid of <i>Yersinia pestis</i> . <i>Infection and Immunity</i> , 1988, 56, 2743-2748.	1.0	153
4583	Isolation and characterization of recombinant lambda gt11 bacteriophages expressing eight different mycobacterial antigens of potential immunological relevance. <i>Infection and Immunity</i> , 1988, 56, 1344-1351.	1.0	33
4584	Cloning of the gene, <i>speB</i> , for streptococcal pyrogenic exotoxin type B in <i>Escherichia coli</i> . <i>Infection and Immunity</i> , 1988, 56, 1665-1667.	1.0	49
4585	Reduction of enterotoxic activity of <i>Escherichia coli</i> heat-stable enterotoxin by substitution for an asparagine residue. <i>Infection and Immunity</i> , 1988, 56, 2144-2148.	1.0	39
4586	Expression of K99 adhesion antigen controlled by the <i>Escherichia coli</i> tryptophan operon promoter. <i>Infection and Immunity</i> , 1988, 56, 2317-2323.	1.0	10
4587	Iron regulation of the cloned diphtheria toxin promoter in <i>Escherichia coli</i> . <i>Infection and Immunity</i> , 1988, 56, 2430-2436.	1.0	48
4588	Nucleotide sequence of streptococcal pyrogenic exotoxin type C. <i>Infection and Immunity</i> , 1988, 56, 2518-2520.	1.0	98
4589	Molecular cloning and DNA sequence analysis of the 37-kilodalton endoflagellar sheath protein gene of <i>Treponema pallidum</i> . <i>Infection and Immunity</i> , 1989, 57, 3403-3411.	1.0	64
4590	Molecular cloning and characterization of the 15-kilodalton major immunogen of <i>Treponema pallidum</i> . <i>Infection and Immunity</i> , 1989, 57, 3708-3714.	1.0	38
4591	Molecular cloning and nucleotide sequence of the colonization factor antigen I gene of <i>Escherichia coli</i> . <i>Infection and Immunity</i> , 1989, 57, 1126-1130.	1.0	48
4592	<i>lcrH</i> , a gene necessary for virulence of <i>Yersinia pestis</i> and for the normal response of <i>Y. pestis</i> to ATP and calcium. <i>Infection and Immunity</i> , 1989, 57, 1491-1498.	1.0	81
4593	Molecular and immunochemical characterization of recombinant <i>Escherichia coli</i> containing the <i>spaA</i> gene region of <i>Streptococcus sobrinus</i> . <i>Infection and Immunity</i> , 1989, 57, 1906-1915.	1.0	20

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4595	Cloning and DNA sequence of the <i>omc</i> gene encoding the outer membrane protein-macromolecular complex from <i>Neisseria gonorrhoeae</i> . <i>Infection and Immunity</i> , 1989, 57, 2653-2659.	1.0	35
4596	Cloning and nucleotide sequence of the gene (<i>trh</i>) encoding the hemolysin related to the thermostable direct hemolysin of <i>Vibrio parahaemolyticus</i> . <i>Infection and Immunity</i> , 1989, 57, 2691-2697.	1.0	140
4597	Identification and characterization of a serotype b-specific segment of the <i>Haemophilus influenzae</i> genome. <i>Infection and Immunity</i> , 1989, 57, 2926-2928.	1.0	11
4598	The 987P fimbrial gene cluster of enterotoxigenic <i>Escherichia coli</i> is plasmid encoded. <i>Infection and Immunity</i> , 1990, 58, 149-156.	1.0	32
4599	A recombinant non-fatty acylated form of the Hi-PAL (P6) protein of <i>Haemophilus influenzae</i> elicits biologically active antibody against both nontypeable and type b <i>H. influenzae</i> . <i>Infection and Immunity</i> , 1990, 58, 3272-3278.	1.0	67
4600	Genetically engineered S and F1C fimbriae differ in their contribution to adherence of <i>Escherichia coli</i> to cultured renal tubular cells. <i>Infection and Immunity</i> , 1990, 58, 3434-3437.	1.0	69
4601	Expression of the cloned gene for enterotoxin STb of <i>Escherichia coli</i> . <i>Infection and Immunity</i> , 1990, 58, 970-977.	1.0	17
4602	Identification of a bacteriophage containing a silent staphylococcal variant enterotoxin gene (<i>sezA+</i>). <i>Infection and Immunity</i> , 1990, 58, 1614-1619.	1.0	11
4603	Expression in <i>Escherichia coli</i> of the 37-kilodalton endoflagellar sheath protein of <i>Treponema pallidum</i> by use of the polymerase chain reaction and a T7 expression system. <i>Infection and Immunity</i> , 1990, 58, 2025-2034.	1.0	42
4604	Polymorphism in the aerobactin-cloacin DF13 receptor genes from an enteroinvasive strain of <i>Escherichia coli</i> and pColV-K30 is associated only with a decrease in cloacin susceptibility. <i>Infection and Immunity</i> , 1991, 59, 357-364.	1.0	10
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4606	Deletion of the BCSP31 gene of <i>Brucella abortus</i> by replacement. <i>Infection and Immunity</i> , 1991, 59, 3863-3868.	1.0	60
4607	Cloning, genetic analysis, and nucleotide sequence of a determinant coding for a 19-kilodalton peptidoglycan-associated protein (Ppl) of <i>Legionella pneumophila</i> . <i>Infection and Immunity</i> , 1991, 59, 2515-2521.	1.0	34
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4609	<i>Yersinia pestis</i> YopM: thrombin binding and overexpression. <i>Infection and Immunity</i> , 1992, 60, 5242-5252.	1.0	84
4610	Cloning of a gene (<i>zot</i>) encoding a new toxin produced by <i>Vibrio cholerae</i> . <i>Infection and Immunity</i> , 1992, 60, 428-434.	1.0	181
4611	Lipopolysaccharide O side chain of <i>Yersinia enterocolitica</i> O:3 is an essential virulence factor in an orally infected murine model. <i>Infection and Immunity</i> , 1992, 60, 870-875.	1.0	81

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4614	Characterization of plasmid-borne afa-3 gene clusters encoding afimbrial adhesins expressed by Escherichia coli strains associated with intestinal or urinary tract infections. Infection and Immunity, 1993, 61, 5106-5114.	1.0	101
4615	An aromatic-dependent mutant of the fish pathogen Aeromonas salmonicida is attenuated in fish and is effective as a live vaccine against the salmonid disease furunculosis. Infection and Immunity, 1993, 61, 2172-2181.	1.0	87
4616	The putative arthritogenic cationic 19-kilodalton antigen of Yersinia enterocolitica is a urease beta-subunit. Infection and Immunity, 1993, 61, 2498-2504.	1.0	39
4617	Nucleotide sequence encoding the mannose-fucose-resistant hemagglutinin of Vibrio cholerae O1 and construction of a mutant. Infection and Immunity, 1993, 61, 3032-3037.	1.0	49
4618	Demonstration and characterization of simultaneous production of a thermostable direct hemolysin (TDH/I) and a TDH-related hemolysin (TRHx) by a clinically isolated Vibrio parahaemolyticus strain, TH3766. Infection and Immunity, 1994, 62, 166-171.	1.0	18
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4622	Identification of a mutation in the pst-phoU operon that reduces pathogenicity of an Escherichia coli strain causing septicemia in pigs. Infection and Immunity, 1995, 63, 4924-4927.	1.0	51
4623	Cloning and characterization of the galE locus of Pasteurella haemolytica A1. Infection and Immunity, 1996, 64, 855-860.	1.0	14
4624	Fraction 1 capsular antigen (F1) purification from Yersinia pestis CO92 and from an Escherichia coli recombinant strain and efficacy against lethal plague challenge. Infection and Immunity, 1996, 64, 2180-2187.	1.0	187
4625	Alterations in Vibrio cholerae motility phenotypes correlate with changes in virulence factor expression. Infection and Immunity, 1996, 64, 2246-2255.	1.0	256
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4627	Identification of Two <i>Shigella flexneri</i> Chromosomal Loci Involved in Intercellular Spreading. Infection and Immunity, 1998, 66, 4700-4710.	1.0	53
4628	Modulation of Expression of the ToxR Regulon in <i>Vibrio cholerae</i> by a Member of the Two-Component Family of Response Regulators. Infection and Immunity, 1998, 66, 5854-5861.	1.0	74
4629	Molecular Cloning and Characterization of the <i>afa-7</i> and <i>afa-8</i> Gene Clusters Encoding Afimbrial Adhesins in <i>Escherichia coli</i> Strains Associated with Diarrhea or Septicemia in Calves. Infection and Immunity, 1999, 67, 5048-5059.	1.0	73

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4632	Homology of the Gene Coding for Outer Membrane Lipoprotein Within Various Gram-Negative Bacteria. Journal of Bacteriology, 1979, 137, 595-604.	1.0	87
4633	Structural and functional analysis of cloned DNA segments containing the replication and incompatibility regions of a miniplasmid derived from a copy number mutant of NR1. Journal of Bacteriology, 1979, 137, 92-104.	1.0	108
4634	Cloning the spoT gene of Escherichia coli: identification of the spoT gene product. Journal of Bacteriology, 1979, 137, 1100-1110.	1.0	105
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4636	Polypeptides expressed in Escherichia coli K-12 minicells by transposition elements Tn1 and Tn3. Journal of Bacteriology, 1979, 138, 48-54.	1.0	89
4637	Genetic mapping of the chromosomal replication origin of Salmonella typhimurium. Journal of Bacteriology, 1979, 138, 297-304.	1.0	11
4638	Deoxyribonucleic Acid Adenine and Cytosine Methylation in <i>Salmonella typhimurium</i> and <i>Salmonella typhi</i>. Journal of Bacteriology, 1979, 140, 574-579.	1.0	41
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4653	Positive selection for loss of tetracycline resistance. <i>Journal of Bacteriology</i> , 1980, 143, 926-933.	1.0	773
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4672	Cloning and endonuclease restriction analysis of <i>uidA</i> and <i>uidR</i> genes in <i>Escherichia coli</i> K-12: determination of transcription direction for the <i>uidA</i> gene.. <i>Journal of Bacteriology</i> , 1982, 149, 587-594.	1.0	35
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4734	Physical mapping of the <i>exuT</i> and <i>uxaC</i> operators by use of <i>exu</i> plasmids and generation of deletion mutants in vitro. <i>Journal of Bacteriology</i> , 1983, 155, 973-982.	1.0	15
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