

# Morphological heterogeneity among *Salmonella* lipopolysaccharide silver-stained polyacrylamide gels

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Aberrant Migration of Lipopolysaccharide in Sodium Dodecyl Sulfate/Poyacrylamide Gel Electrophoresis. <i>FEBS Journal</i> , 1983, 133, 685-688.	0.2	57
2	Lipopolysaccharide changes in impermeability-type aminoglycoside resistance in <i>Pseudomonas aeruginosa</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 1984, 26, 250-255.	1.4	104
3	Resistance of <i>Pseudomonas aeruginosa</i> mutants with altered control of chromosomal beta-lactamase to piperacillin, ceftazidime, and cefsulodin. <i>Antimicrobial Agents and Chemotherapy</i> , 1984, 25, 382-384.	1.4	37
4	Analysis of electrophoretically heterogeneous lipopolysaccharides of <i>Escherichia coli</i> by immunoblotting. <i>FEMS Microbiology Letters</i> , 1984, 22, 193-196.	0.7	29
5	Isolation and characterization of serum-resistant strains of <i>Pseudomonas aeruginosa</i> derived from serum-sensitive parental strains. <i>Current Microbiology</i> , 1984, 10, 185-189.	1.0	19
6	Biochemical and immunological analyses of the cell surface of <i>Bordetella bronchiseptica</i> isolates with special reference to atrophic rhinitis in swine. <i>Vaccine</i> , 1984, 2, 265-273.	1.7	9
7	Characterization of the surface antigens of the marine fish pathogens <i>Vibrio anguillarum</i> and <i>Vibrio ordalii</i> . <i>Canadian Journal of Microbiology</i> , 1984, 30, 703-710.	0.8	52
8	Electrophoretic Analysis of the Lipopolysaccharide from <i>Aeromonas salmonicida</i> Strains Isolated in Japan. <i>Nippon Suisan Gakkaishi</i> , 1984, 50, 1789-1789.	0.0	5
9	Lipopolysaccharides of three classes of supersensitive mutants of <i>Salmonella typhimurium</i> . <i>FEMS Microbiology Letters</i> , 1985, 30, 341-345.	0.7	8
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12	Analyses of gonococcal H8 antigen. Surface location, inter- and intrastain electrophoretic heterogeneity, and unusual two-dimensional electrophoretic characteristics.. <i>Journal of Experimental Medicine</i> , 1985, 162, 2017-2034.	4.2	55
13	Morphological analysis of lipopolysaccharide from gram-negative fish pathogenic bacteria.. <i>Fish Pathology</i> , 1985, 20, 193-197.	0.4	42
14	Biological Activities of Lipopolysaccharide Fractionated by Preparative Acrylamide Gel Electrophoresis. <i>Microbiology and Immunology</i> , 1985, 29, 1-12.	0.7	14
15	Alteration of the Cell Wall of <i>Haemophilus influenzae</i> Type b by Transformation with Cloned DNA: Association with Attenuated Virulence. <i>Journal of Infectious Diseases</i> , 1985, 152, 485-492.	1.9	81
16	Studies on the Ability of Alginate to Act as a Protective Immunogen Against Infection with <i>Pseudomonas aeruginosa</i> in Animals. <i>Journal of Infectious Diseases</i> , 1985, 151, 581-588.	1.9	89
17	Characterization of Monoclonal Antibodies Protecting Mice against <i>Rickettsia rickettsii</i> . <i>Journal of Infectious Diseases</i> , 1985, 151, 1052-1060.	1.9	116
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22	Immunoenzymatic analysis by monoclonal antibodies of bacterial lipopolysaccharides after transfer to nitrocellulose. <i>Journal of Immunological Methods</i> , 1985, 76, 299-305.	0.6	90
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26	The analysis of lipopolysaccharide (endotoxin) in meningococcal polysaccharide vaccines by silver staining following SDS-polyacrylamide gel electrophoresis. <i>Journal of Biological Standardization</i> , 1986, 14, 25-IN2.	0.4	56
27	Rifampin-resistant meningococcal disease in a contact patient given prophylactic rifampin. <i>Journal of Pediatrics</i> , 1986, 108, 93-96.	0.9	35
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30	Cloning and analysis of the <i>sfrB</i> (sex factor repression) gene of <i>Escherichia coli</i> K-12. <i>Journal of Bacteriology</i> , 1986, 166, 651-657.	1.0	24
31	Purification of extracellular lipase from <i>Pseudomonas aeruginosa</i> . <i>Journal of Bacteriology</i> , 1986, 168, 1070-1074.	1.0	189
32	Purification and characterization of fimbriae from <i>Salmonella enteritidis</i> . <i>Journal of Bacteriology</i> , 1986, 168, 221-227.	1.0	57
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34	Bioluminescence of outer membrane defective mutants of <i>Photobacterium phosphoreum</i> . <i>FEMS Microbiology Letters</i> , 1986, 37, 293-298.	0.7	6
35	Monoclonal antibodies to the surface antigens of <i>Pseudomonas aeruginosa</i> . <i>FEMS Microbiology Letters</i> , 1986, 37, 357-361.	0.7	12
36	The basis of silver staining of bacterial lipopolysaccharides in polyacrylamide gels. <i>Current Microbiology</i> , 1986, 13, 29-31.	1.0	18

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41	A Spontaneous Mutant of Neisseria gonorrhoeae with Decreased Resistance to Neutrophil Granule Proteins. Journal of Infectious Diseases, 1986, 153, 910-917.	1.9	35
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56	[20] Electrophoretic separation of lipopolysaccharide monomers differing in polysaccharide length. <i>Methods in Enzymology</i> , 1987, 138, 267-275.	0.4	13
57	Effect of growth temperature on the lipids, outer membrane proteins, and lipopolysaccharides of <i>Pseudomonas aeruginosa</i> PAO. <i>Journal of Bacteriology</i> , 1987, 169, 1960-1966.	1.0	97
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74	Effect of cultural conditions on the protein and lipopolysaccharide profiles of <i>Haemophilus ducreyi</i> analysed by SDS-PAGE. FEMS Microbiology Letters, 1987, 48, 397-399.	0.7	12
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108	Influence of growth temperature and lipopolysaccharide on hemolytic activity of Serratia marcescens. Journal of Bacteriology, 1988, 170, 5146-5152.	1.0	55



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110	Structural and biochemical analyses of a surface array protein of <i>Campylobacter fetus</i> . <i>Journal of Bacteriology</i> , 1988, 170, 4165-4173.	1.0	67
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282	Characterization of lipopolysaccharide fractions and their interactions with cells and model membranes. <i>Journal of Bacteriology</i> , 1992, 174, 336-341.	1.0	16
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1152	Interaction of lectin pathway of complement-activating pattern recognition molecules with <i>Mycobacteria</i> . <i>Clinical and Experimental Immunology</i> , 2014, 178, 310-319.	1.1	34
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1154	A universal polysaccharide conjugated vaccine against O111 <i>E. coli</i> . <i>Human Vaccines and Immunotherapeutics</i> , 2014, 10, 2864-2874.	1.4	15
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1157	Inflammatory Effects of <i>Edwardsiella ictaluri</i> Lipopolysaccharide Modifications in Catfish Gut. <i>Infection and Immunity</i> , 2014, 82, 3394-3404.	1.0	23
1158	Influence of O Polysaccharides on Biofilm Development and Outer Membrane Vesicle Biogenesis in <i>Pseudomonas aeruginosa</i> PAO1. <i>Journal of Bacteriology</i> , 2014, 196, 1306-1317.	1.0	122
1159	Serum Bactericidal Assays To Evaluate Typhoidal and Nontyphoidal <i>Salmonella</i> Vaccines. <i>Vaccine Journal</i> , 2014, 21, 712-721.	3.2	62
1160	Genomic and Proteomic Studies on <i>Plesiomonas shigelloides</i> Lipopolysaccharide Core Biosynthesis. <i>Journal of Bacteriology</i> , 2014, 196, 556-567.	1.0	12
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1162	Characterization of the lipopolysaccharides of serogroup II <i>Azospirillum</i> strains. <i>Microbiology</i> , 2014, 83, 326-334.	0.5	5
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1165	The outer membrane protein P2 (OmpP2) of <i>Haemophilus parasuis</i> induces proinflammatory cytokine mRNA expression in porcine alveolar macrophages. <i>Veterinary Journal</i> , 2014, 199, 461-464.	0.6	15
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1178	Protection Against Necrotic Enteritis in Broiler Chickens by Regulated Delayed Lysis of <i>Salmonella</i> Vaccines. <i>Avian Diseases</i> , 2015, 59, 475-485.	0.4	40
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1181	Lipopolysaccharide of <i>Marinobacter litoralis</i> inhibits swarming motility and biofilm formation in <i>Pseudomonas aeruginosa</i> PAO1. <i>Carbohydrate Polymers</i> , 2015, 123, 468-475.	5.1	11



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1237	Phenotype of <i>Aeromonas salmonicida</i> sp. <i>salmonicida</i> cyclic adenosine 3',5'-monophosphate receptor protein (Crp) mutants and its virulence in rainbow trout ( <i>Oncorhynchus mykiss</i> ). <i>Journal of Fish Diseases</i> , 2017, 40, 1849-1856.	0.9	21
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1264	Comprehensive identification of <i>Vibrio vulnificus</i> genes required for growth in human serum. <i>Virulence</i> , 2018, 9, 981-993.	1.8	14
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1401	Phage display and bacterial expression of a recombinant Fab specific for <i>Pseudomonas aeruginosa</i> serotype O6 lipopolysaccharide. <i>Vaccine Journal</i> , 1997, 4, 147-155.	2.6	5
1402	Reactivities of Lewis antigen monoclonal antibodies with the lipopolysaccharides of <i>Helicobacter pylori</i> strains isolated from patients with gastroduodenal diseases in Japan. <i>Vaccine Journal</i> , 1997, 4, 540-544.	2.6	54
1403	Evaluation of the high-density agglutination test for <i>Coxiella burnetii</i> antibodies in animals. <i>Vaccine Journal</i> , 1997, 4, 676-680.	2.6	5



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1404	Effects of growth temperature, 47-megadalton plasmid, and calcium deficiency on the outer membrane protein porin and lipopolysaccharide composition of <i>Yersinia pestis</i> EV76. <i>Infection and Immunity</i> , 1983, 42, 1092-1101.	1.0	47
1405	Isolation and characterization of <i>Bordetella pertussis</i> phenotype variants capable of growing on nutrient agar: comparison with phases III and IV. <i>Infection and Immunity</i> , 1984, 43, 217-223.	1.0	15
1406	Two physically and serologically distinct lipopolysaccharide profiles in strains of <i>Bordetella pertussis</i> and their phenotype variants. <i>Infection and Immunity</i> , 1984, 43, 224-232.	1.0	137
1407	Monoclonal antibody against a genus-specific antigen of <i>Chlamydia</i> species: location of the epitope on chlamydial lipopolysaccharide. <i>Infection and Immunity</i> , 1984, 44, 306-314.	1.0	198
1408	Biochemical and immunochemical analysis of <i>Rickettsia rickettsii</i> strains of various degrees of virulence. <i>Infection and Immunity</i> , 1984, 44, 559-564.	1.0	67
1409	Phenotypic variation and modulation in <i>Bordetella bronchiseptica</i> . <i>Infection and Immunity</i> , 1984, 44, 681-687.	1.0	41
1410	Structural and antigenic heterogeneity of lipopolysaccharides of <i>Campylobacter jejuni</i> and <i>Campylobacter coli</i> . <i>Infection and Immunity</i> , 1984, 45, 210-216.	1.0	92
1411	Heterogeneity of molecular size and antigenic expression within lipooligosaccharides of individual strains of <i>Neisseria gonorrhoeae</i> and <i>Neisseria meningitidis</i> . <i>Infection and Immunity</i> , 1984, 45, 544-549.	1.0	221
1412	Serum sensitivity of a <i>Pseudomonas aeruginosa</i> mucoid strain. <i>Infection and Immunity</i> , 1984, 45, 748-755.	1.0	43
1413	Analyses of gonococcal lipopolysaccharide in whole-cell lysates by sodium dodecyl sulfate-polyacrylamide gel electrophoresis: stable association of lipopolysaccharide with the major outer membrane protein (protein I) of <i>Neisseria gonorrhoeae</i> . <i>Infection and Immunity</i> , 1984, 46, 202-212.	1.0	83
1414	Atrophic rhinitis in swine: correlation of <i>Pasteurella multocida</i> pathogenicity with membrane protein and lipopolysaccharide patterns. <i>Infection and Immunity</i> , 1984, 46, 48-54.	1.0	62
1415	Small virulence plasmid of <i>Shigella dysenteriae</i> 1 strain W30864 encodes a 41,000-dalton protein involved in formation of specific lipopolysaccharide side chains of serotype 1 isolates. <i>Infection and Immunity</i> , 1984, 46, 55-63.	1.0	48
1416	Lipopolysaccharide characteristics of pathogenic campylobacters. <i>Infection and Immunity</i> , 1985, 47, 353-359.	1.0	95
1417	Lipopolysaccharide variation in <i>Coxiella burnetii</i> : intrastrain heterogeneity in structure and antigenicity. <i>Infection and Immunity</i> , 1985, 48, 359-365.	1.0	183
1418	Antigenic heterogeneity of lipopolysaccharides from <i>Campylobacter jejuni</i> and <i>Campylobacter fetus</i> . <i>Infection and Immunity</i> , 1985, 48, 528-533.	1.0	67
1419	Purification and partial characterization of outer membrane proteins P5 and P6 from <i>Haemophilus influenzae</i> type b. <i>Infection and Immunity</i> , 1985, 49, 544-549.	1.0	189
1420	Coprecipitation of lipopolysaccharide and the 39,000-molecular-weight major outer membrane protein of <i>Haemophilus influenzae</i> type b by lipopolysaccharide-directed monoclonal antibody. <i>Infection and Immunity</i> , 1985, 49, 819-827.	1.0	87
1421	Antigenic heterogeneity of outer membrane proteins of nontypable <i>Haemophilus influenzae</i> is a basis for a serotyping system. <i>Infection and Immunity</i> , 1985, 50, 15-21.	1.0	77

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1422	Lipopolysaccharide structures in Enterobacteriaceae, <i>Pseudomonas aeruginosa</i> , and <i>Vibrio cholerae</i> are immunologically related to <i>Campylobacter</i> spp. <i>Infection and Immunity</i> , 1986, 51, 204-208.	1.0	32
1423	Lipopolysaccharide structures of <i>Campylobacter fetus</i> are related to heat-stable serogroups. <i>Infection and Immunity</i> , 1986, 51, 209-212.	1.0	66
1424	Antigenic and phenotypic variations of <i>Haemophilus influenzae</i> type b lipopolysaccharide and their relationship to virulence. <i>Infection and Immunity</i> , 1986, 51, 69-79.	1.0	231
1425	Serogroup specificity of <i>Legionella pneumophila</i> is related to lipopolysaccharide characteristics. <i>Infection and Immunity</i> , 1986, 51, 397-404.	1.0	77
1426	Antigenic heterogeneity in high- and low-virulence strains of <i>Rickettsia rickettsii</i> revealed by monoclonal antibodies. <i>Infection and Immunity</i> , 1986, 51, 653-660.	1.0	82
1427	Antigenic variation in the phase I lipopolysaccharide of <i>Coxiella burnetii</i> isolates. <i>Infection and Immunity</i> , 1986, 52, 337-340.	1.0	112
1428	Protection by serum antibodies in experimental nontypable <i>Haemophilus influenzae</i> otitis media. <i>Infection and Immunity</i> , 1986, 52, 572-578.	1.0	97
1429	Electrophoretic and serological characterization of the lipopolysaccharides of <i>Legionella pneumophila</i> . <i>Infection and Immunity</i> , 1986, 52, 676-681.	1.0	33
1430	Pasteurellosis in laboratory rabbits: characterization of lipopolysaccharides of <i>Pasteurella multocida</i> by polyacrylamide gel electrophoresis, immunoblot techniques, and enzyme-linked immunosorbent assay. <i>Infection and Immunity</i> , 1986, 53, 460-463.	1.0	27
1431	Resistance of C3H/HeJ mice to the effects of <i>Haemophilus pleuropneumoniae</i> . <i>Infection and Immunity</i> , 1986, 53, 474-479.	1.0	18
1432	Surface proteins of <i>Bordetella pertussis</i> : comparison of virulent and avirulent strains and effects of phenotypic modulation. <i>Infection and Immunity</i> , 1986, 54, 308-314.	1.0	26
1433	Antibody response of swine to outer membrane components of <i>Haemophilus pleuropneumoniae</i> during infection. <i>Infection and Immunity</i> , 1986, 54, 751-760.	1.0	70
1434	Inhibition of gingival fibroblast growth by <i>Bacteroides gingivalis</i> . <i>Infection and Immunity</i> , 1987, 55, 201-205.	1.0	65
1435	Analysis of T-cell-dependent and -independent antigens of <i>Rickettsia conorii</i> with monoclonal antibodies. <i>Infection and Immunity</i> , 1987, 55, 7-15.	1.0	35
1436	The low-molecular-mass, cysteine-rich outer membrane protein of <i>Chlamydia trachomatis</i> possesses both biovar- and species-specific epitopes. <i>Infection and Immunity</i> , 1987, 55, 2570-2573.	1.0	23
1437	Plasmid-associated resistance of <i>Salmonella typhimurium</i> to complement activated by the classical pathway. <i>Infection and Immunity</i> , 1987, 55, 2645-2652.	1.0	36
1438	Plasmid-associated virulence of <i>Salmonella typhimurium</i> . <i>Infection and Immunity</i> , 1987, 55, 2891-2901.	1.0	384
1439	Antigenic characterization of the oligosaccharide portion of the lipooligosaccharide of nontypable <i>Haemophilus influenzae</i> . <i>Infection and Immunity</i> , 1987, 55, 2902-2911.	1.0	86

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1440	Conservation of epitopes in the oligosaccharide portion of the lipooligosaccharide of <i>Haemophilus influenzae</i> type b. <i>Infection and Immunity</i> , 1987, 55, 513-520.	1.0	96
1441	Neutralizing activity of monoclonal antibodies to heat-sensitive and heat-resistant epitopes of <i>Rickettsia rickettsii</i> surface proteins. <i>Infection and Immunity</i> , 1987, 55, 825-827.	1.0	68
1442	Antigenic diversity of lipooligosaccharides of nontypable <i>Haemophilus influenzae</i> . <i>Infection and Immunity</i> , 1987, 55, 882-887.	1.0	127
1443	Production and characterization of monoclonal antibodies against serotype strains of <i>Pseudomonas aeruginosa</i> . <i>Infection and Immunity</i> , 1987, 55, 1051-1057.	1.0	111
1444	Probing the surface of <i>Neisseria gonorrhoeae</i> : simultaneous localization of protein I and H.8 antigens. <i>Infection and Immunity</i> , 1987, 55, 1190-1197.	1.0	36
1445	Conservation and diversity of <i>Campylobacter pyloridis</i> major antigens. <i>Infection and Immunity</i> , 1987, 55, 1256-1263.	1.0	162
1446	Induction and repression of outer membrane proteins by anaerobic growth of <i>Neisseria gonorrhoeae</i> . <i>Infection and Immunity</i> , 1987, 55, 1359-1364.	1.0	136
1447	Antimicrobial binding of a radiolabeled cationic neutrophil granule protein. <i>Infection and Immunity</i> , 1987, 55, 1536-1539.	1.0	17
1448	Phenotypic variation in epitope expression of the <i>Neisseria gonorrhoeae</i> lipooligosaccharide. <i>Infection and Immunity</i> , 1987, 55, 1755-1761.	1.0	137
1449	Structural and antigenic properties of lipopolysaccharides from serotype reference strains of <i>Campylobacter jejuni</i> . <i>Infection and Immunity</i> , 1987, 55, 1806-1812.	1.0	127
1450	Physical and morphological characteristics of eucaryotic ribosomes and lipopolysaccharide complexes. <i>Infection and Immunity</i> , 1987, 55, 2047-2051.	1.0	4
1451	Plasmid-encoded expression of lipopolysaccharide O-antigenic polysaccharide in enteropathogenic <i>Escherichia coli</i> . <i>Infection and Immunity</i> , 1987, 55, 2052-2056.	1.0	80
1452	Deficiency of peptidoglycan and lipopolysaccharide components in <i>Rickettsia tsutsugamushi</i> . <i>Infection and Immunity</i> , 1987, 55, 2290-2292.	1.0	97
1453	Outer membrane permeability of <i>Acinetobacter calcoaceticus</i> mediates susceptibility to rat polymorphonuclear leukocyte granule contents. <i>Infection and Immunity</i> , 1987, 55, 2296-2299.	1.0	6
1454	Electromorphic characterization and description of conserved epitopes of the lipooligosaccharides of group A <i>Neisseria meningitidis</i> . <i>Infection and Immunity</i> , 1988, 56, 2631-2638.	1.0	66
1455	Tn5-induced protease-deficient strains of <i>Aeromonas hydrophila</i> with reduced virulence for fish. <i>Infection and Immunity</i> , 1988, 56, 2639-2644.	1.0	84
1456	Quantitative relationship between capsular content and killing of K1-encapsulated <i>Escherichia coli</i> . <i>Infection and Immunity</i> , 1988, 56, 2723-2730.	1.0	56
1457	Characterization of the major outer membrane antigens of <i>Treponema hyodysenteriae</i> . <i>Infection and Immunity</i> , 1988, 56, 3032-3039.	1.0	58

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1458	Lipooligosaccharides from <i>Treponema hyodysenteriae</i> and <i>Treponema innocens</i> . <i>Infection and Immunity</i> , 1988, 56, 3152-3156.	1.0	33
1459	Selection and immunochemical analysis of lipooligosaccharide mutants of <i>Neisseria gonorrhoeae</i> . <i>Infection and Immunity</i> , 1988, 56, 499-504.	1.0	88
1460	Use of transformation to construct <i>Neisseria gonorrhoeae</i> strains with altered lipooligosaccharides. <i>Infection and Immunity</i> , 1988, 56, 762-765.	1.0	29
1461	Instability of expression of lipooligosaccharides and their epitopes in <i>Neisseria gonorrhoeae</i> . <i>Infection and Immunity</i> , 1988, 56, 942-946.	1.0	88
1462	Identification of the major antigens of <i>Treponema hyodysenteriae</i> and comparison with those of <i>Treponema innocens</i> . <i>Infection and Immunity</i> , 1988, 56, 1070-1075.	1.0	42
1463	Interaction between human natural anti-alpha-galactosyl immunoglobulin G and bacteria of the human flora. <i>Infection and Immunity</i> , 1988, 56, 1730-1737.	1.0	491
1464	Changes in infectivity and plasmid profile of the Lyme disease spirochete, <i>Borrelia burgdorferi</i> , as a result of in vitro cultivation. <i>Infection and Immunity</i> , 1988, 56, 1831-1836.	1.0	405
1465	Chemical and biological characterization of the lipopolysaccharide of the oral pathogen <i>Wolinella recta</i> ATCC 33238. <i>Infection and Immunity</i> , 1988, 56, 2028-2035.	1.0	33
1466	Purification, cloning, and sequence of outer membrane protein P1 of <i>Haemophilus influenzae</i> type b. <i>Infection and Immunity</i> , 1988, 56, 2235-2242.	1.0	63
1467	Structural and antigenic properties of <i>Campylobacter coli</i> lipopolysaccharides. <i>Infection and Immunity</i> , 1989, 57, 3506-3511.	1.0	25
1468	A high-molecular-weight fraction of smooth lipopolysaccharide in <i>Klebsiella</i> serotype O1:K20 contains a unique O-antigen epitope and determines resistance to nonspecific serum killing. <i>Infection and Immunity</i> , 1989, 57, 3816-3822.	1.0	66
1469	Structures and sugar compositions of lipopolysaccharides isolated from seven <i>Actinobacillus pleuropneumoniae</i> serotypes. <i>Infection and Immunity</i> , 1989, 57, 3901-3906.	1.0	26
1470	Isolation of a corn cob (coaggregation) receptor polypeptide from <i>Fusobacterium nucleatum</i> . <i>Infection and Immunity</i> , 1989, 57, 331-337.	1.0	65
1471	Surface characteristics of <i>Pseudomonas aeruginosa</i> grown in a chamber implant model in mice and rats. <i>Infection and Immunity</i> , 1989, 57, 344-350.	1.0	28
1472	Structural analysis of lipopolysaccharides from <i>Eikenella corrodens</i> by use of murine monoclonal antibodies. <i>Infection and Immunity</i> , 1989, 57, 656-659.	1.0	16
1473	Two-dimensional gel electrophoresis and immunoblotting of <i>Campylobacter pylori</i> proteins. <i>Infection and Immunity</i> , 1989, 57, 1825-1833.	1.0	79
1474	Interaction of drug resistance plasmids and bacteriophages with diarrheagenic strains of <i>Escherichia coli</i> . <i>Infection and Immunity</i> , 1989, 57, 2331-2338.	1.0	8
1475	Immunological characteristics of the glycolipid antigen of <i>Leptospira interrogans</i> serovar lai. <i>Infection and Immunity</i> , 1989, 57, 2502-2506.	1.0	28

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1476	Purification of an 80,000-Mr glycyloprolyl peptidase from <i>Bacteroides gingivalis</i> . <i>Infection and Immunity</i> , 1989, 57, 2522-2528.	1.0	32
1477	Cross-reactivity of <i>Pseudomonas aeruginosa</i> antipilin monoclonal antibodies with heterogeneous strains of <i>P. aeruginosa</i> and <i>Pseudomonas cepacia</i> . <i>Infection and Immunity</i> , 1989, 57, 2764-2770.	1.0	26
1478	Molecular analysis of lipooligosaccharide biosynthesis in <i>Neisseria gonorrhoeae</i> . <i>Infection and Immunity</i> , 1989, 57, 2847-2852.	1.0	21
1479	Protective immunization against experimental <i>Bacteroides (Porphyromonas) gingivalis</i> infection. <i>Infection and Immunity</i> , 1990, 58, 3394-3400.	1.0	76
1480	Role of lipopolysaccharides in adherence of <i>Actinobacillus pleuropneumoniae</i> to porcine tracheal rings. <i>Infection and Immunity</i> , 1990, 58, 3523-3530.	1.0	79
1481	Variation in expression of class 1 and class 5 outer membrane proteins during nasopharyngeal carriage of <i>Neisseria meningitidis</i> . <i>Infection and Immunity</i> , 1990, 58, 569-572.	1.0	46
1482	Outer membrane and porin characteristics of <i>Serratia marcescens</i> grown in vitro and in rat intraperitoneal diffusion chambers. <i>Infection and Immunity</i> , 1990, 58, 1247-1253.	1.0	23
1483	Erythrocyte gangliosides act as receptors for <i>Neisseria subflava</i> : identification of the Sia-1 adhesin. <i>Infection and Immunity</i> , 1990, 58, 2555-2563.	1.0	45
1484	Surface array proteins of <i>Campylobacter fetus</i> block lectin-mediated binding to type A lipopolysaccharide. <i>Infection and Immunity</i> , 1990, 58, 2738-2744.	1.0	27
1485	The immunodominant outer membrane antigen of <i>Actinobacillus actinomycetemcomitans</i> is located in the serotype-specific high-molecular-mass carbohydrate moiety of lipopolysaccharide. <i>Infection and Immunity</i> , 1991, 59, 3451-3462.	1.0	125
1486	Identification and characterization of proteinase K-resistant proteins in members of the class Mollicutes. <i>Infection and Immunity</i> , 1991, 59, 1037-1042.	1.0	20
1487	Antigens of <i>Actinobacillus actinomycetemcomitans</i> recognized by patients with juvenile periodontitis and periodontally normal subjects. <i>Infection and Immunity</i> , 1991, 59, 913-924.	1.0	93
1488	Capsulelike surface material of <i>Mycoplasma dispar</i> induced by in vitro growth in culture with bovine cells is antigenically related to similar structures expressed in vivo. <i>Infection and Immunity</i> , 1991, 59, 3119-3125.	1.0	33
1489	Siderophore production and membrane alterations by <i>Bordetella pertussis</i> in response to iron starvation. <i>Infection and Immunity</i> , 1992, 60, 117-123.	1.0	43
1490	Characterization and protective properties of attenuated mutants of <i>Salmonella choleraesuis</i> . <i>Infection and Immunity</i> , 1992, 60, 4881-4890.	1.0	79
1491	Purification and immunological characterization of a major low-molecular-weight lipoprotein from <i>Borrelia burgdorferi</i> . <i>Infection and Immunity</i> , 1992, 60, 4995-5003.	1.0	46
1492	Characterization of a polysaccharide capsular antigen of septicemic <i>Escherichia coli</i> O115:K "V165" :F165 and evaluation of its role in pathogenicity. <i>Infection and Immunity</i> , 1992, 60, 5048-5056.	1.0	36
1493	Pore-forming ability of major outer membrane proteins from <i>Wolinella recta</i> ATCC 33238. <i>Infection and Immunity</i> , 1992, 60, 380-384.	1.0	15

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1494	Partial characterization and staphylocidal activity of thrombin-induced platelet microbicidal protein. <i>Infection and Immunity</i> , 1992, 60, 1202-1209.	1.0	141
1495	Stable, conserved outer membrane epitope of strains of <i>Haemophilus influenzae</i> biogroup <i>aegyptius</i> associated with Brazilian purpuric fever. <i>Infection and Immunity</i> , 1992, 60, 1351-1357.	1.0	11
1496	Characterization of the <i>Shigella</i> serotype D ( <i>S. sonnei</i> ) O polysaccharide and the enterobacterial R1 lipopolysaccharide core by use of mouse monoclonal antibodies. <i>Infection and Immunity</i> , 1992, 60, 2741-2747.	1.0	12
1497	Epitope mapping of hemagglutinating adhesion HA-Ag2 of <i>Bacteroides (Porphyromonas) gingivalis</i> . <i>Infection and Immunity</i> , 1992, 60, 2791-2799.	1.0	28
1498	Antibodies to lipooligosaccharide of a Brazilian purpuric fever isolate of <i>Haemophilus influenzae</i> biogroup <i>aegyptius</i> lack bactericidal and protective activity. <i>Infection and Immunity</i> , 1992, 60, 3423-3427.	1.0	5
1499	Structural and serological specificities of <i>Pasteurella haemolytica</i> lipopolysaccharides. <i>Infection and Immunity</i> , 1993, 61, 170-181.	1.0	34
1500	Genetic exchange of determinants for capsular polysaccharide biosynthesis between <i>Klebsiella pneumoniae</i> strains expressing serotypes K2 and K21a. <i>Infection and Immunity</i> , 1993, 61, 4208-4216.	1.0	45
1501	Chemical properties of lipopolysaccharides from spotted fever group rickettsiae and their common antigenicity with lipopolysaccharides from <i>Proteus</i> species. <i>Infection and Immunity</i> , 1993, 61, 4350-4355.	1.0	43
1502	<i>Yersinia</i> lipopolysaccharide is modified by human monocytes. <i>Infection and Immunity</i> , 1993, 61, 5261-5270.	1.0	32
1503	Presence of a capsule in <i>Vibrio vulnificus</i> biotype 2 and its relationship to virulence for eels. <i>Infection and Immunity</i> , 1993, 61, 1611-1618.	1.0	78
1504	Characterization of a novel chromosomal virulence locus involved in expression of a major surface flagellar sheath antigen of the fish pathogen <i>Vibrio anguillarum</i> . <i>Infection and Immunity</i> , 1993, 61, 2434-2444.	1.0	51
1505	Cloning of a gonococcal DNA sequence that complements the lipooligosaccharide defects of <i>Neisseria gonorrhoeae</i> 1291d and 1291e. <i>Infection and Immunity</i> , 1993, 61, 3360-3368.	1.0	19
1506	Purification and characterization of polyphosphate kinase from <i>Neisseria meningitidis</i> . <i>Infection and Immunity</i> , 1993, 61, 3703-3710.	1.0	61
1507	Expression of the L8 lipopolysaccharide determinant increases the sensitivity of <i>Neisseria meningitidis</i> to serum bactericidal activity. <i>Infection and Immunity</i> , 1994, 62, 5290-5295.	1.0	84
1508	A <i>Salmonella enteritidis</i> 11RX pilin induces strong T-lymphocyte responses. <i>Infection and Immunity</i> , 1994, 62, 5376-5383.	1.0	31
1509	Characterization of lipopolysaccharide-deficient mutants of <i>Pseudomonas aeruginosa</i> derived from serotypes O3, O5, and O6. <i>Infection and Immunity</i> , 1994, 62, 809-817.	1.0	75
1510	Isolation and characterization of <i>Pseudomonas pseudomallei</i> flagellin proteins. <i>Infection and Immunity</i> , 1994, 62, 1914-1919.	1.0	100
1511	Identification of outer membrane proteins of <i>Bartonella bacilliformis</i> . <i>Infection and Immunity</i> , 1994, 62, 2644-2648.	1.0	37



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1512	Biochemical characterization of <i>Campylobacter fetus</i> lipopolysaccharides. <i>Infection and Immunity</i> , 1994, 62, 3922-3929.	1.0	34
1513	Avirulence of rough mutants of <i>Shigella flexneri</i> : requirement of O antigen for correct unipolar localization of IcsA in the bacterial outer membrane. <i>Infection and Immunity</i> , 1995, 63, 229-237.	1.0	151
1514	Quantitation and biological properties of released and cell-bound lipooligosaccharides from nontypeable <i>Haemophilus influenzae</i> . <i>Infection and Immunity</i> , 1995, 63, 4115-4120.	1.0	52
1515	Anti-Gal binds to pili of <i>Neisseria meningitidis</i> : the immunoglobulin A isotype blocks complement-mediated killing. <i>Infection and Immunity</i> , 1995, 63, 4900-4906.	1.0	66
1516	Loss of the O4 antigen moiety from the lipopolysaccharide of an extraintestinal isolate of <i>Escherichia coli</i> has only minor effects on serum sensitivity and virulence in vivo. <i>Infection and Immunity</i> , 1995, 63, 1263-1269.	1.0	43
1517	Identification of rfbA, involved in B-band lipopolysaccharide biosynthesis in <i>Pseudomonas aeruginosa</i> serotype O5. <i>Infection and Immunity</i> , 1995, 63, 1674-1680.	1.0	24
1518	Stimulation of interleukin-8 production in epithelial cell lines by <i>Helicobacter pylori</i> . <i>Infection and Immunity</i> , 1995, 63, 1732-1738.	1.0	156
1519	Heparin protects Opa+ <i>Neisseria gonorrhoeae</i> from the bactericidal action of normal human serum. <i>Infection and Immunity</i> , 1995, 63, 1790-1795.	1.0	38
1520	Cross-reacting lipopolysaccharide antigens in <i>Legionella pneumophila</i> serogroups 1 to 14. <i>Infection and Immunity</i> , 1995, 63, 2180-2184.	1.0	9
1521	Monoclonal antibodies against <i>Haemophilus</i> lipopolysaccharides: clone DP8 specific for <i>Haemophilus ducreyi</i> and clone DH24 binding to lacto-N-neotetraose. <i>Infection and Immunity</i> , 1995, 63, 2665-2673.	1.0	13
1522	Phenotypic modulation of gonococcal lipooligosaccharide in acidic and alkaline culture. <i>Infection and Immunity</i> , 1995, 63, 2773-2775.	1.0	16
1523	A conserved <i>Aeromonas salmonicida</i> porin provides protective immunity to rainbow trout. <i>Infection and Immunity</i> , 1995, 63, 3137-3142.	1.0	86
1524	Cloning and expression of rfb genes from <i>Vibrio anguillarum</i> serotype O2 in <i>Escherichia coli</i> : evidence for cross-reactive epitopes. <i>Infection and Immunity</i> , 1995, 63, 3537-3542.	1.0	4
1525	The tetrasaccharide L-alpha-D-heptose1-&gt;2-L-alpha-D-heptose1-&gt;3-L-alpha-D-heptose1-&gt;(3-deoxy-D-manno-octulosonic acid) and phosphate in lipid A define the conserved epitope in <i>Haemophilus</i> lipopolysaccharides recognized by a monoclonal antibody. <i>Infection and Immunity</i> , 1995, 63, 3683-3692.	1.0	10
1526	Augmented immunological activities of recombinant lipopolysaccharide possessing the mannose homopolymer as the O-specific polysaccharide. <i>Infection and Immunity</i> , 1996, 64, 305-309.	1.0	10
1527	Purification and characterization of novel hemagglutinins from <i>Vibrio mimicus</i> : a 39-kilodalton major outer membrane protein and lipopolysaccharide. <i>Infection and Immunity</i> , 1996, 64, 4035-4041.	1.0	28
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1529	Oral immunization with an attenuated vaccine strain of <i>Salmonella typhimurium</i> expressing the serine-rich <i>Entamoeba histolytica</i> protein induces an antiamebic immune response and protects gerbils from amebic liver abscess. <i>Infection and Immunity</i> , 1996, 64, 1526-1531.	1.0	47

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1533	Invasion of primary nasopharyngeal epithelial cells by <i>Neisseria meningitidis</i> is controlled by phase variation of multiple surface antigens. <i>Infection and Immunity</i> , 1996, 64, 2998-3006.	1.0	116
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