

Subject Index Vol. 13, 2007

Journal of
Molecular Microbiology
and Biotechnology

- Acetic acid bacteria 147
Amycolatopsis balhimycina 76
Antibacterial peptides 220
Antibiotics 76
Antimicrobial peptides 210, 226
Antiviral activity 255
aphA expression 96
ArcAB 105
Ascorbic acid 243
- Bacillus subtilis* 165
Bacterial Cap5O protein 45
– cold water disease 55
Bacteriocins 194, 210
–, food application 194
–, production 194
–, purification 194
- Candida albicans* 243
Cap5A and Cap5B proteins 45
Carboxylesterases gene 181
Carnobacterium divergens V41 259
Catabolite regulation 165
Chromosomal rearrangements 117
Cold shock 65
Comparative analysis 156
Csp 65
Cytomegalovirus 255
- Dendrimeric peptides 220
Desulfococcus multivorans 156
Divercin RV41 259
– –, antimicrobial activity 259
3D model structure 181
DNA array analysis 96
- Energy spilling 1
Enterococcus faecalis 140
Enteropathogenic *Escherichia coli* 117
Escherichia coli 96, 200
Essential genes 22
Esterification 255
Excretion 96
- Ferric uptake regulator protein 15
Flavoring ingredient 147
 α/β fold topology 181
Futile cycles 1
- Galactose permease 105
 β -Galactosidase 172
– expression 126
Genetic diversity 89
- Genome sequence 147
Glucokinase 105
Glucose growth recovery 105
Glucosylceramide 243
GLURP 89
Glycopeptide 76
Glycosyl hydrolase 172
Growth yield 1
- Horizontal gene transfer 156
HPr 65
– kinase 165
- iap* sequences 117
Immunity proteins 210
Incomplete oxidation 147
Iron 15
– siderophore receptors 200
- Lactic acid bacteria 194
– – –, antimicrobial potential 194
Lacticin 3147 226
Lactobacillus casei 65
Lactococcus lactis 259
Lantibiotics 226, 235
- melA* 35
Microcins 200
Milk 255
Molecular cloning 181
MSP2 89
- Nisin 248
– -controlled expression system 259
NodT 22
Non-sequential pharmacophore 220
5'-Nucleotidase activity 96
Nucleotide peptide 200
- Oncorhynchus mykiss* 55
Oxidative stress 140
Oxidoreductase 147
- Peptic peptides 255
Peptide engineering 226, 235
Peroxide resistance 35
pfcrt 89
pfmdr1 89
Phenolic compound resistance 35
Phosphoenolpyruvate:phosphotransferase system 117
– :sugar phosphotransferase system 65
Phosphoglucose isomerase 105
- Phosphotransferase system 105, 165
Polylysines 255
Post-translational modification 235
PP2C phosphatase 165
Proteins 255
Protein-tyrosine kinase activity 45
Purine nucleotide 96
- Random mutagenesis 226
Raphanus sativus antifungal plant defensin 243
- Rapid Translation System 248
Reactive oxygen species 243
Redox regulation 126
Response regulators 126
Rhizobium etli 22, 35
Rhodobacter 126
Ribosomal protein L10 55
RND efflux systems 22
RT-PCR 76
- Severe malaria 89
Siderophore peptide 200
Site-directed mutagenesis 15
Small unilamellar vesicle 243
Sucrose utilization 117
Sulfate-reducing bacteria 156
Symbiosis 35
- Two-peptide bacteriocins 210
Tyrosinase 35
- UDP-acetyl-mannosamine dehydrogenase 45
Uncoupling 1
Unusual amino acid 235
ushA knockout mutant 96
- Vaccine 55
Vibrio alginolyticus 15
Virulence 140
vrl locus 156
- Xanthomonas* 172