

Recently Published Papers in the Field of Molecular Evolution

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196 No. 2 1979

Aspects of Fraction 1 Protein Evolution. Wildman, S.G. (Department of Biology, Molecular Biology Institute, University of California, Los Angeles, California 90024, U.S.A.) – p. 598

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89 No. 4 1979

Aspartate Transaminase from *E. coli*: Amino Acid Sequences of the NH₂-Terminal 33 Residues and Chymotryptic Pyridoxyl Tetrapeptide. Kagamiyama, H. and Yagi, T. (Department of Biochemistry, Shiga University of Medical Science, Ohtsu, Shiga 520-21, Japan) – p. 1347

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N-Terminal Amino Acid Sequences of Human Carboxypeptidases A, B₁, and B₂. Marinkovic, D.V. (The University of Texas Health Science Center at Dallas, Department of Pharmacology and Graduate Program in Biophysics, 5323 Harry Hines Boulevard, Dallas, Texas 75235), U.S.A.) – p. 11

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580 1979

Partial Amino Acid Sequence of Glycophorin from Porcine Erythrocyte Membranes. Honma, K. et al. (School of Pharmaceutical Sciences, Showa University, Hatanodai, Shinagawa-ku, Tokyo, Japan) – p. 210

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Amino Acid Sequence of a postsynaptic Neurotoxin from the Venom of the Australian Tiger Snake *Notechis scutatus scutatus*. Halpert, J. et al. (Institute of Biochemistry, University of Uppsala, Box 576, S-751 23 Uppsala 1, Sweden) – p. 719

Hemoglobins, XXIX. Sequence Analysis of a Dimeric Hemoglobin (Erythrocrucorin), CTT-X, of *Chironomus thummi thummi* (Diptera). Lalthantluanga, R. and Braunitzer, G. (Max-Planck-Institut für Biochemie, D-8033 Martinsried, Federal Republic of Germany) – p. 725

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Amino Acid Sequence of Basic Acrosin Inhibitor from Bull Seminal Plasma. Meloun, B. and Čechová, D. (Institute of Organic Chemistry and Biochemistry and Institute of Molecular Genetics, Czechoslovak Academy of Sciences, 166 10 Prague 6, Czechoslovakia) – p. 2710

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The Insulin Receptor in Vertebrates Is Functionally More Conserved during Evolution than Insulin Itself. Muggeo, M. et al. (Diabetes Branch, National Institute of Arthritis, Metabolism, and Digestive Diseases, National Institutes of Health, Bethesda, Maryland 20014, U.S.A.) – p. 1393

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Amino Acid Sequences of Rabbit Skeletal β - and Cardiac Tropomyosins. Mak, A.S. et al. (Medical Research Council of Canada Group in Protein Structure and Function, Department of Biochemistry, University of Alberta, Edmonton T6G 2H7, Canada) – p. 232

Primary Structure of the Swinging Arms of the Pyruvate Dehydrogenase Complex of *Escherichia coli*. Hale, G. and Perham, R.N. (Department of Biochemistry, University of Cambridge, Tennis Court Road, Cambridge CB2 1QW, England) – p. 263

Amino Terminal Sequence of the *recA* Protein of *Escherichia coli*. Emmerson, P.T. et al. (Department of Biochemistry, University of Newcastle upon Tyne) – p. 349

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On the Thermodynamics of Evolution. Black, S. (Laboratory of Biochemical Pharmacology, National Institute of Arthritis, Metabolism, and Digestive Diseases, National Institutes of Health, Bethesda, Maryland 20014, U.S.A.) – p. 348

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The Amino Acid Sequence of Ferredoxin from *Sambucus nigra*. Takruri, I.A.H. and Boulter, D. (Department of Botany, University of Durham, Durham DH1 3LE, U.K.) – p. 1481

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Polymorphism and Loss of Duplicate Gene Expression: A Theoretical Study with Application to Tetraploid Fish. Takahata, N. and Maruyama, T. (National Institute of Genetics, Mishima 411, Japan) – p. 4521

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On the Construction of a Phylogenetic Tree. Tohá, J. et al. (Departamento de Física, Laboratorio de Biofísica, Facultad de Ciencias Físicas y Matemáticas, Universidad de Chile, Casilla 5487, Santiago, Chile) – p. 478

Quantitativer Vergleich der Initiator-Regionen (Ribosome Binding Sites) von 12 aus *Escherichia coli* stammenden Nukleotidesequenzen (RNA- und DNA-Phagen), die aus Triplets zusammengesetzt sind. Quantitative Comparison of Ribosome Binding Sites of Twelve Nucleotide Sequences from *Escherichia coli* (RNA- and DNA Phages)

Based on Triplet Patterns. Köhler, E. (Biologische Bundesanstalt, Messeweg 11/12, D-3300 Braunschweig, Federal Republic of Germany) – p. 797

The Primary Structure of the β -Lactoglobulin of the Waterbuffalo (*Bubalus arnee*). Braunitzer, G. et al. (Max-Planck-Institut für Biochemie, Abteilung Proteinchemie, D-8033 Martinsried bei München, Federal Republic of Germany) – p. 880

Die Sequenz eines dimeren Hämoglobins (Erythrocrurin), Komponente CTT-IX von *Chironomus thummi thummi* (Insecta Diptera). The Sequence of a Dimeric Hemoglobin (Erythrocrurin), Component IX, from *Chironomus thummi thummi* (Insecta Diptera). Steer, W. and Braunitzer, G. (Max-Planck-Institut für Biochemie, Abteilung Proteinchemie, Am Klopferspitz, D-8033 Martinsried bei München, Federal Republic of Germany) – p. 882

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