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1. **Arganoza, M. T. and R. A. Akins.** 1995. A modified colony-filter-hybridization protocol for filamentous fungi. *Trends Genet.* **11**: 381-382.
2. **Aronson, B. D., K. A. Johnson and J. J. Loros.** 1994. Negative feedback defining a circadian clock: autoregulation of the clock gene *frequency*. *Science* **263**: 1578-1584.
3. **Arpaia, G., A. Carattoli and G. Macino.** 1995. Light and development regulate the expression of the albino-gene in *Neurospora crassa*. *Devel. Biol.* **170**: 626-635.
4. **Arpaia, G., J. J. Loros, J. C. Dunlap, G. Morelli and G. Macino.** 1995. Light induction of the clock-controlled gene *cgc-1* is not transduced through the circadian clock in *Neurospora crassa*. *Mol. Gen. Genet.* **247**: 157-163.
5. **Atkinson, I. J., F. E. Nargang and E. A. Cossins.** 1995. Folylpolyglutamate synthesis in *Neurospora crassa*: Transformation of polyglutamate-deficient mutants. *Phytochemistry* **38**: 603-608.
6. **Balasubramanian, S., J. R. Coggins and C. Abell.** 1995. Observation of a secondary tritium isotope effect in the chorismate synthase reaction. *Biochemistry* **34**: 341-348.
7. **Banerjee, U. C., Y. Chisti and M. Moo Young.** 1995. Effects of substrate particle size and alkaline pretreatment on protein enrichment by *Neurospora sitophila*. *Resources Conser. Recycl.* **13**: 139-146. (-)
8. **Bartley, G. E. and P. A. Scolnik.** 1995. Plant carotenoids: Pigments for photoprotection, visual attraction, and human health. *Plant Cell* **7**: 1027-1038.
9. **Beattie, T. L., J. E. Olive and R. A. Collins.** 1995. A secondary-structure model for the self-cleaving region of *Neurospora* VS RNA. *Proc. Nat. Acad. Sci. USA* **92**: 4686-4690.
10. **Beatty, N. P., M. L. Smith and N. L. Glass.** 1994. Molecular characterization of mating-type loci in selected homothallic species of *Neurospora*, *Gelasinospora* and *Anixiella*. *Mycol. Res.* **98**: 1309-1316.
11. **Bégueret, J., B. Turcq and C. Clavé.** 1994. Vegetative incompatibility in filamentous fungi: *het* genes begin to talk. *Trends Genet.* **10**: 441-446.

12. **Berbee, M. L. and J. W. Taylor.** 1995. From 18S ribosomal sequence data to evolution of morphology among the fungi. *Can. J. Bot.* **S73**: S677-S683.
13. **Berks, B. C., S. J. Ferguson, J. W. B. Moir and D. J. Richardson.** 1995. Enzymes and associated electron transport systems that catalyse the respiratory reduction of nitrogen oxides and oxyanions. *Biochim. Biophys. Acta* **1232**: 97-173.
14. **Bertrand, H.** 1995. Senescence is coupled to induction of an oxidative phosphorylation stress response by mitochondrial DNA mutations in *Neurospora*. *Can. J. Bot.* **73**: S198-S204.
15. **Bird, A. P.** 1995. Gene number, noise reduction and biological complexity. *Trends Genet.* **11**: 94-100.
16. **Boboye, B. E. and F. C. Adetuyi.** 1994. Fungal population associated with raw materials and intermediate products of lager beer produced from Nigerian sorghum grains. *J. Food Sci. Technol.* **31**: 148-150. (-)
17. **Bonini, B. M., M. J. Neves, J. A. Jorge and H. F. Terenzi.** 1995. Effects of temperature shifts on the metabolism of trehalose in *Neurospora crassa* wild type and a trehalase-deficient (*tre*) mutant. Evidence against the participation of periplasmic trehalase in the catabolism of intracellular trehalose. *Biochim. Biophys. Acta* **1245**: 339-347.
18. **Bowman, E. J., A. Steinhardt and B. J. Bowman.** 1995. Isolation of the *vma-4* gene encoding the 26 kDa subunit of the *Neurospora crassa* vacuolar ATPase. *Bioch. Biophys. Acta* **1237**: 95-98.
19. **Bowring, F. J. and D. E. A. Catcheside.** 1995. An economical strategy for chromosome walking in the *Neurospora crassa* pMOcosX library. *Fungal Genet. Newslett.* **42**: 18-20.
20. **Bramley, T. A., G. S. Menzies, R. J. Williams, O. S. Kinsman and D. J. Adams.** 1994. Specific binding sites for human luteinizing hormone in *Neurospora crassa* and *Saccharomyces cerevisiae*. *Mycol. Res.* **98**: 1229-1234.
21. **Braun, H. P., M. Emmermann, V. Kruft, M. Bödicker and U. K. Schmitz.** 1995. The general mitochondrial processing peptidase from wheat is integrated into the cytochrome *bc1*-complex of the respiratory chain. *Planta* **195**: 396-402.
22. **Braun, H. P. and U. K. Schmitz.** 1995. Are the 'core' proteins of the mitochondrial *bc1* complex evolutionary relics of a processing protease? *Trends Biochem. Sci.* **20**: 171-175.
23. **Brunelli, J. P.** 1995. Construction of a series of novel yeast expression vectors and their use in the cloning of *Neurospora crassa* cDNAs. *Dissert. Abstr.* **B 56**: 1807.
24. **Brunelli, J. P. and M. L. Pall.** 1995. A lambda/plasmid Cre/*lox* hybrid vector for large genomic (18kb) fragment insertions and fungal genomic library construction. *Fungal Genet. Newslett.* **42**: 2121-22.

25. **Carattoli, A., E. Kato, M. Rodriguez Franco, W. D. Stuart and G. Macino.** 1995. A chimeric light-regulated amino acid transport system allows the isolation of blue light regulator (*blr*) mutants of *Neurospora crassa*. Proc. Nat. Acad. Sci. USA **92**: 6612-6616.
26. **Chang, S.** 1995. The structure and function of the *Neurospora crassa* mta idiomorph. Dissert. Abstr. **B 56**: 643.
27. **Chaure, P. T. and I. F. Connerton.** 1995. Derepression of the glyoxylate cycle in mutants of *Neurospora crassa* accelerated for growth on acetate. Microbiology **141**: 1315-1320.
28. **Chen, H.** 1995. Molecular analysis of a *Neurospora crassa* heteromeric protein, AAB, that binds to the *am* (NADP-specific glutamate dehydrogenase) gene upstream regulatory sequence alpha. Dissert. Abstr. **B 55**: 3720.
29. **Chen, H. and J. A. Kinsey.** 1995. Purification of a heteromeric CCAAT binding protein from *Neurospora crassa*. Mol. Gen. Genet. **249**: 301-308.
30. **Chiang, T. Y. and G. A. Marzluf.** 1995. Binding affinity and functional significance of NIT2 and NIT4 binding sites in the promoter of the highly regulated *nit-3* gene, which encodes nitrate reductase in *Neurospora crassa*. J. Bacteriol. **177**: 6093-6099.
31. **Chow, C. M., S. Kang, R. L. Metzenberg and U. L. RajBhandary.** 1995. Sequence of the *met-10+* locus of *Neurospora crassa*: Homology to a sequence of unknown function in *Saccharomyces cerevisiae* chromosome 8. Gene **162**: 111-115.
32. **Cisar, C. R., D. O. TeBeest and F. W. Spiegel.** 1994. Sequence similarity of mating type idiomorphs: a method which detects similarity among the Sordariaceae fails to detect similar sequences in other filamentous ascomycetes. Mycologia **86**: 540-546.
33. **Cohen, P.** 1995. Why bread moulds are always on time. New Scientist **147**: 17.
34. **Corrochano, L. M., F. R. Lauter, D. J. Ebbole and C. Yanofsky.** 1995. Light and developmental regulation of the gene *con-10* of *Neurospora crassa*. Devel. Biol. **167**: 190-200.
35. **Crosthwaite, S. K., J. J. Loros and J. C. Dunlap.** 1995. Light-induced resetting of a circadian clock is mediated by a rapid increase in *frequency* transcript. Cell **81**: 1003-1012.
36. **Cyrklaff, M., M. Auer, W. Kühlbrandt and G. A. Scarborough.** 1995. 2-D structure of the *Neurospora crassa* plasma membrane ATPase as determined by electron cryomicroscopy. EMBO J. **14**: 1854-1857.
37. **David, R. H., P. Lieu and J. L. Ristow.** 1994. Neurospora mutants affecting polyamine-dependent processes and basic amino acid transport mutants resistant to the polyamine inhibitor, -difluoromethylornithine. Genetics **138**: 649-655.
38. **Davis, C. R.** 1994. The cloning and characterization of genes involved in amino acid metabolism in *Neurospora crassa* (*ser-1*, *pro-1*). Dissert. Abstr. **B 55**: 715.

39. **Davis, C. R., M. A. McPeck and C. R. McClung.** 1995. Molecular characterization of the *proline-1* (*pro-1*) locus of *Neurospora crassa*, which encodes Δ^1 -pyrroline-5-carboxylate reductase. *Mol. Gen. Genet.* **248**: 341-350.
40. **Davis, R. H. and J. L. Ristow.** 1995. Osmotic effects on the polyamine pathway of *Neurospora crassa*. *Exper. Mycol.* **19**: 314-319. (-)
41. **de Serres, F. J. and H. E. Brockman.** 1995. Ethylene oxide: Induction of specific-locus mutations in the *ad-3* region of heterokaryon 12 of *Neurospora crassa* and implications for genetic risk assessment of human exposure in the workplace. *Mutation Research* **328**: 31-47.
42. **de Serres, F. J. and H. V. Malling.** 1995. Triethylenemelamine: Induction of specific-locus mutations in the *ad-3* region of heterokaryon 12 of *Neurospora crassa*. *Mutation Research* **327**: 87-111.
43. **de Serres, F. J., H. V. Malling and T. M. Ong.** 1995. Comparison of the mutagenicity and mutagen specificity of ethylenimine with triethylenemelamine in the *ad-3* region of heterokaryon 12 of *Neurospora crassa*. *Mutation Research* **328**: 193-205.
44. **de Serres, F. J., H. V. Malling, B. B. Webber and H. E. Brockman.** 1995. Quantitative and qualitative aspects of spontaneous specific-locus mutation in the *ad-3* region of heterokaryon 12 of *Neurospora crassa*. *Mutation Research* **332**: 45-54.
45. **Dmochowska, A., P. Golik and P. P. Stepien.** 1995. The novel nuclear gene *DSS-1* of *Saccharomyces cerevisiae* is necessary for mitochondrial biogenesis. *Curr. Genet.* **28**: 108-112.
46. **Doetsch, P. W.** 1995. What's old is new: An alternative DNA excision repair pathway. *Trends Biochem. Sci.* **20**: 384-386.
47. **Dschida, W. J. A.** 1995. Structure and regulation of the vacuolar ATPase from *Neurospora crassa*. *Dissert. Abstr.* **B 55**: 118.
48. **Dschida, W. J. A. and B. J. Bowman.** 1995. The vacuolar ATPase: Sulfite stabilization and the mechanism of nitrate inactivation. *J. Biol. Chem.* **270**: 1557-1563.
49. **Duarte, M., R. Sousa and A. Videira.** 1995. Inactivation of Genes Encoding Subunits of the Peripheral and Membrane Arms of Neurospora Mitochondrial Complex I and Effects on Enzyme Assembly. *Genetics* **139**: 1211-1221.
50. **Ermolayeva, E. and D. Sanders.** 1995. Mechanism of pyrithione-induced membrane depolarization in *Neurospora crassa*. *Appl. Environ. Microbiol.* **61**: 3385-3390.
51. **Essers, A. J. A., M. H. J. Bennik and M. J. R. Nout.** 1995. Mechanisms of increased linamarin degradation during solid-substrate fermentation of cassava. *World J. Microbiol. Biotech.* **11**: 266-270. (-)

52. **Essers, A. J. A., C. Ebong, R. M. Van Der Grift, M. J. R. Nout, W. Otim Nape and H. Rosling.** 1995. Reducing cassava toxicity by heap-fermentation in Uganda. *J. Food Sci. Nut.* **46**: 125-136. (-)
53. **Essers, A. J. A., C. M. G. A. Jurgens and M. J. R. Nout.** 1995. Contribution of selected fungi to the reduction of cyanogen levels during solid substrate fermentation of cassava. *J. Food Microbiol.* **26**: 251-257. (-)
54. **Ferraro, J. S., F. M. Sulzman and J. A. Dorsett.** 1995. Alterations in growth rate associated with a normally persisting circadian rhythm during spaceflight. *Aviat. Space Environ. Med.* **66**: 1079-1085.
55. **Fossa, A., A. Beyer, E. Pfitzner, B. Wenzel and W. H. Kunau.** 1995. Molecular cloning, sequencing and sequence analysis of the *fox-2* gene of *Neurospora crassa* encoding the multifunctional beta-oxidation protein. *Mol. Gen. Genet.* **247**: 95-104.
56. **Fraser, M. J. and R. L. Low.** 1993. Fungal and mitochondrial nucleases, p. 171. *In* Nucleases, 2nd Edition, Cold Spring Harbor Laboratory Press, Cold Spring Harbor.
57. **Freitag, M. and M. S. Sachs.** 1995. A simple dot blot assay to measure hygromycin B phosphotransferase activity in whole cell extracts of *Neurospora crassa*. *Fungal Genet. Newslett.* **42**: 26-28.
58. **Fu, Y. H., B. Feng, S. Evans and G. A. Marzluf.** 1995. Sequence-specific DNA binding by NIT4, the pathway-specific regulatory protein that mediates nitrate induction in *Neurospora*. *Mol. Microbiol.* **15**: 935-942.
59. **Fujimura, M.** 1994. Mode of action of diethofencarb to benzimidazole-resistant strains in *Neurospora crassa*. *J. Pesticide Sci.* **19**: 333-334. (-)
60. **Garnand, K. and M. A. Nelson.** 1995. The effect of DNA structure and restriction enzymes on transformation efficiencies in *Neurospora crassa*. *Fungal Genet. Newslett.* **42**: 29-31.
61. **Gibbons, I. R.** 1995. Dynein family of motor proteins: Present status and future questions. *Cell Motility and the Cytoskeleton* **32**: 136-144. (-)
62. **Glass, N. L. and G. C. Donaldson.** 1995. Development of primer sets designed for use with the PCR to amplify conserved genes from filamentous Ascomycetes. *Appl. Environ. Microbiol.* **61**: 1323-1330.
63. **Glass, N. L. and M. A. Nelson.** 1994. Mating-type genes in mycelial ascomycetes, p. 295-306. *In* Wessels and Meinhardt (ed.), *The Mycota I: Growth, Differentiation and Sexuality*, Springer-Verlag, Berlin.
64. **González, C., N. Brito and G. A. Marzluf.** 1995. Functional analysis by site-directed mutagenesis of individual amino acid residues in the flavin domain of *Neurospora crassa* nitrate reductase. *Mol. Gen. Genet.* **249**: 456-464.

65. **Gooday, G. W.** 1995. The dynamics of hyphal growth. *Mycol. Res.* **99**: 385-394.
66. **Goodrich-Tanrikulu, M., J. T. Lin, A. E. Stafford, M. I. Makapugay, T. A. McKeon and G. Fuller.** 1995. Novel *Neurospora crassa* mutants with altered synthesis of polyunsaturated fatty acids. *Microbiology* **141**: 2307-2314.
67. **Griffiths, A. J. F.** 1992. Fungal senescence. *Annu. Rev. Genet.* **26**: 351-372.
68. **Griffiths, A. J. F.** 1995. Natural plasmids of filamentous fungi. *Microbiol. Rev.* **59**: 673-85. (-)
69. **Griffiths, A. J. F. and X. Yang.** 1995. Recombination between heterologous linear and circular mitochondrial plasmids in the fungus *Neurospora*. *Mol. Gen. Genet.* **249**: 25-36.
70. **Griffiths, A. J. F., X. Yang, F. J. Debets and Y. Wei.** 1995. Plasmids in natural populations of *Neurospora*. *Can. J. Bot.* **73**: S186-S192.
71. **Grotelueschen, J. and R. L. Metzenberg.** 1995. Some property of the nucleus determines the competence of *Neurospora crassa* for transformation. *Genetics* **139**: 1545-1551.
72. **Guo, H. C. T. and R. A. Collins.** 1995. Efficient *trans*-cleavage of a stem-loop RNA substrate by a ribozyme derived from *Neurospora* VS RNA. *EMBO J.* **14**: 368-376.
73. **Guo, X. W., P. R. Smith, B. Cognon, D. D'Arcangelis, E. Dolginova and C. A. Mannella.** 1995. Molecular design of the voltage-dependent, anion-selective channel in the mitochondrial outer membrane. *J. Struct. Biol.* **114**: 41-59. (-)
74. **Haas, H., B. Bauer, B. Redl, G. Stöffler and G. A. Marzluf.** 1995. Molecular cloning and analysis of *nre*, the major nitrogen regulatory gene of *Penicillium chrysogenum*. *Curr. Genet.* **27**: 150-158.
75. **Hagemann, R.** 1995. New molecular and genetic aspects of mitochondria inheritance: A review. *Biologisches Zentralblatt* **114**: 17-55.(-)
76. **Hall, J. C.** 1995. Tripping along the trail to the molecular mechanisms of biological clocks. *Trends Neurosci.* **18**: 230-240.
77. **Han, H.-Y.** 1994. Cloning of the *pmb* gene encoding a basic amino acid transport protein in *Neurospora crassa*. *Dissert. Abstr.* **B 54**: 3452.
78. **Hanlin, R. T.** 1994. Microcycle conidiation: A review. *Mycoscience* **35**: 113-123. (-)
79. **Harkness, T. A. A.** 1995. Nucleo-mitochondrial interactions: protein import and assembly of multi-subunit complexes in *Neurospora crassa*. *Dissert. Abstr.* **B 56**: 627.
80. **Harkness, T. A. A., R. A. Rothery, J. H. Weiner, S. Werner, J. E. Azevedo, A. Videira and F. E. Nargang.** 1995. Disruption of the gene encoding the 78-kilodalton subunit of the

peripheral arm of complex I in *Neurospora crassa* by repeat induced point mutation (RIP). *Curr. Genet.* **27**: 339-350.

81. **Hastings, M.** 1995. Circadian rhythms: Peering into the molecular clockwork. *J. Neuroendocrinol.* **7**: 331-340. (-)

82. **Hastings, M.** 1995. Resetting the circadian cycle. *Nature* **376**: 296-7. (-)

83. **Hatakeyama, S., C. Ishii and H. Inoue.** 1995. Identification and expression of the *Neurospora crassa mei-3* gene which encodes a protein homologous to Rad51 of *Saccharomyces cerevisiae*. *Mol. Gen. Genet.* **249**: 439-446.

84. **Heck, I. S. and H. Ninnemann.** 1995. Molybdenum cofactor biosynthesis in *Neurospora crassa*: Biochemical characterization of pleiotropic molybdoenzyme mutants *nit-7*, *nit-8*, *nit-9A*, B and C. *Photochem. Photobiol.* **61**: 54-60.

85. **Henstrand, J. M., N. Amrhein and J. Schmid.** 1995. Cloning and characterization of a heterologously expressed bifunctional chorismate synthase/flavin reductase from *Neurospora crassa*. *J. Biol. Chem.* **270**: 20447-20452.

86. **Hernandez-Fernandez, M. D. L. M. R.** 1995. Mitochondrial DNA rearrangements in kalilo and maranhar strains of *Neurospora* and studies of the free plasmid terminal protein. *Dissert. Abstr. B* **56**: 51.

87. **Hilgert, U. and H. D. Van Etten.** 1995. Reduced viability of *N. crassa* ergosterol mutants on Vogel's medium. *Fungal Genet. Newslett.* **42**: 32-33.

88. **Hosking, S. L., G. D. Robson and A. P. J. Trinci.** 1995. Phosphoinositides play a role in hyphal extension and branching in *Neurospora crassa*. *Exper. Mycol.* **19**: 71-80.(-)

89. **Hurst, L. D.** 1995. Evolutionary genetics: The silence of the genes. *Curr. Biol.* **5**: 459-461. (-)

90. **Ichi, I. A. and H. Inoue.** 1995. Cloning, nucleotide sequence, and expression of *tef-1*, the gene encoding translation elongation factor 1- (EF-1-) of *Neurospora crassa*. *Jap. J. Genet.* **70**: 273-287. (-)

91. **Ishida, N.** 1995. Molecular biological approach to the circadian clock mechanism. *Neurosci. Res.* **23**: 231-240. (-)

92. **Jacobson, D. J.** 1995. Sexual dysfunction associated with outcrossing in *Neurospora tetrasperma*, a pseudohomothallic ascomycete. *Mycologia* **87**: 604-617. (-)

93. **Jacobson, D. J., J. Ohrnberger and R. A. Akins.** 1995. The Wilson-Garnjobst heterokaryon incompatibility tester strains of *Neurospora crassa* contain modifiers which influence growth rate of heterokaryons and distort segregation ratios. *Fungal Genet. Newslett.* **42**: 34-40.

94. **Joho, M., M. Inouhe, H. Tohoyama and T. Murayama.** 1995. Nickel resistance mechanisms in yeasts and other fungi. *J. Indust. Microbiol.* **14**: 164-168. (-)
95. **Kapoor, M., C. A. Curle and C. Runham.** 1995. The *hsp70* gene family of *Neurospora crassa*: Cloning, sequence analysis, expression, and genetic mapping of the major stress-inducible member. *J. Bacteriol.* **177**: 212-221.
96. **Kempken, F.** 1995. Plasmid DNA in mycelial fungi, p. 169-187. *In* The Mycologia II, Springer-Verlog, Berlin.
97. **Kennell, J. C., B. J. Saville, S. Mohr, M. T. R. Kuiper, J. R. Sabourin, R. A. Collins and A. M. Lambowitz.** 1995. The VS catalytic RNA replicates by reverse transcription as a satellite of a retroplasmid. *Genes Devel.* **9**: 294-303.
98. **Knight, H., A. J. Trewavas and N. D. Read.** 1994. Confocal microscopy of living fungal hyphae microinjected with Ca²⁺ sensitive fluorescent dyes. *Mycol. Res.* **97**: 1505-1515.
99. **Kropf, D. L., N. P. Money and B. C. Gibbon.** 1995. Role of cytosolic pH in axis establishment and tip growth. *Can. J. Bot.* **S73**: S126-S130.
100. **Krupyanko, V. I.** 1995. Coordinate correction for calculating constants of enzyme activation and inhibition. *Prikladnaya Biokhimiya i Mikrobiol.* **31**: 480-493. (-)
101. **Kübrich, M., K. Dietmeier and N. Pfanner.** 1995. Genetic and biochemical dissection of the mitochondrial protein-import machinery. *Curr. Genet.* **27**: 393-403.
102. **Kumar, A. and J. V. Paietta.** 1995. The sulfur controller-2 negative regulatory gene of *Neurospora crassa* encodes a protein with -transducin repeats. *Proc. Nat. Acad. Sci. USA* **92**: 3343-3347.
103. **Lambowitz, A. M.** 1993. Introns as mobile genetic elements. *Annu. Rev. Biochem.* **62**: 587-622.
104. **Lambowitz, A. M. and C. C. Chiang.** 1995. The Mauriceville and Varkud plasmids: Primitive retroelements found in *Neurospora* mitochondria. *Can. J. Bot.* **73**: S173-S179.
105. **Leslie, J. F.** 1993. Fungal vegetative compatibility. *Annu. Rev. Phytopathol.* **31**: 127-150.
106. **Lever, M. C., B. E. M. Robertson, A. D. B. Buchan, P. F. P. Miller, G. W. Gooday and N. A. R. Gow.** 1994. pH and Ca²⁺ dependent galvanotropism of filamentous fungi: implications and mechanisms. *Mycol. Res.* **98**: 301-306.
107. **Levina, N. N., R. R. Lew, G. J. Hyde and I. B. Heath.** 1995. The roles of Ca²⁺ and plasma membrane ion channels in hyphal tip growth of *Neurospora crassa*. *J. Cell Sci.* **108**: 3405-3417.

108. **Li, C. and T. J. Schmidhauser.** 1995. Developmental and photoregulation of *al-1* and *al-2*, structural genes for two enzymes essential for carotenoid biosynthesis in *Neurospora*. *Devel. Biol.* **169**: 90-95.
109. **Li, D., K. R. Chung, D. A. Smith and C. L. Schardi.** 1995. The *Fusarium solani* gene encoding kievitone hydratase, a secreted enzyme that catalyzes detoxification of a bean phytoalexin. *Mol. Plant Microbe Interact.* **8**: 388-397.
110. **Lin, J.** 1995. Topogenesis of the *Neurospora crassa* plasma membrane proton-ATPase. *Dissert. Abstr.* **B 56**: 608.
111. **Lin, J. and R. Addison.** 1995. The membrane topology of the carboxyl-terminal third of the *Neurospora plasma* membrane H⁺-ATPase. *J. Biol. Chem.* **270**: 6942-6948.
112. **Lin, J. and R. Addison.** 1995. A novel integration signal that is composed of two transmembrane segments is required to integrate the *Neurospora plasma* membrane H⁺-ATPase into microsomes. *J. Biol. Chem.* **270**: 6935-6941.
113. **Lindgren, K. M.** 1995. Characterization of *CCG-1*, a clock-controlled gene of *Neurospora crassa*. *Dissert. Abstr.* **B 56**: 1250.
114. **Liu, J. W., G. Turian and F. Barja.** 1995. A stringent role of F-actin in the ascogonial differentiation of *Neurospora crassa fluffy* mutant. *Folia Microbiologica* **40**: 665-668. (-)
115. **Luo, Z., M. Freitag and M. S. Sachs.** 1995. Translational regulation in response to changes in amino acid availability in *Neurospora crassa*. *Mol. Cell. Biol.* **15**: 5235-5245.
116. **Lyttle, T. W.** 1991. Segregation distorters. *Annu. Rev. Genet.* **25**: 511-557.
117. **Maccheroni, W., Jr., G. Thedei, Jr. and A. Rossi.** 1995. Are the structural genes of Pi-repressible phosphatases regulated by multiple circuits in the filamentous mold *Neurospora crassa*? *Revista Brasileira Genet.* **18**: 135-137. (-)
118. **Maier, J. and H. Ninnemann.** 1995. Biosynthesis of pteridines in *Neurospora crassa*, *Phycomyces blakesleeanus* and *Euglena gracilis*: Detection and characterization of biosynthetic enzymes. *Photochem. Photobiol.* **61**: 43-53.
119. **Maier, J., K. Witter, M. Gütlich, I. Ziegler, T. Werner and H. Ninnemann.** 1995. Homology cloning of GTP-cyclohydrolase I from various unrelated eukaryotes by reverse-transcription polymerase chain reaction using a general set of degenerate primers. *Bioch. Biophys. Res. Com.* **212**: 705-711.
120. **Maresca, B., J. Bennett, W. Fonzi, C. A. Hitchcock, J. K. Lodge and P. R. Williamson.** 1994. Molecular approaches to identify novel targets for future development of antifungal agents. *J. Med. Vet. Mycol.* **32**: 287-298. (-)
121. **Markham, P.** 1994. Occlusions of septal pores in filamentous fungi. *Mycol. Res.* **98**: 1089-1106.

122. **Marra, M., A. Ballio, P. Battirosi, V. Fogliano, M. R. Fullone, C. L. Slayman and P. Aducci.** 1995. The fungal H⁺-ATPase from *Neurospora crassa* reconstituted with fusicoccin receptors senses fusicoccin signal. *Proc. Nat. Acad. Sci. USA* **92**: 1599-1603.
123. **Marzluf, G. A., Q. Li and K. Coulter.** 1995. Global regulation of sulfur assimilation in *Neurospora*. *Can. J. Bot.* **73**: S167-S172.
124. **Mayer, A., F. E. Nargang, W. Neupert and R. Lill.** 1995. MOM22 is a receptor for mitochondrial targeting sequences and cooperates with MOM19. *EMBO J.* **14**: 4204-4211.
125. **Mayer, A., W. Neupert and R. Lill.** 1995. Translocation of apocytochrome c across the outer membrane of mitochondria. *J. Biol. Chem.* **270**: 12390-12397.
126. **McDonald, D., I. J. Atkinson, E. A. Cossins and B. Shane.** 1995. Isolation of dihydrofolate and folylpolyglutamate synthetase activities from *Neurospora*. *Phytochemistry* **38**: 327-333.
127. **Metzenberg, R. L. and J. Groteleuschen.** 1995. Restriction polymorphism maps of *Neurospora crassa*: update. *Fungal Genet. Newslett.* **42**: 82-90.
128. **Metzenberg, R. L. and T. A. Randall.** 1995. Mating type in *Neurospora* and closely related ascomycetes: Some current problems. *Can. J. Bot.* **73**: S251-S257.
129. **Meyer, U., P. Schweim, F. Fracella and L. Rensing.** 1995. Close correlation between heat shock response and cytotoxicity in *Neurospora crassa* treated with aliphatic alcohols and phenols. *Appl. Environ. Microbiol.* **61**: 979-984.
130. **Miao, V. P. W., M. R. Rountree and E. U. Selker.** 1995. Ectopic integration of transforming DNA is rare among *Neurospora* transformants selected for gene replacement. *Genetics* **139**: 1533-1544.
131. **Min, J., M. T. Arganoza, J. Ohrnberger, C. Xu and R. A. Akins.** 1995. Alternative methods of preparing whole-cell DNA from fungi for dot-blot, restriction analysis, and colony filter hybridization. *Analyt. Biochem.* **225**: 94-100. (-)
132. **Mohd, S. H.** 1995. Studies on glycohydrolytic systems: inhibitors, models and enzymes (chitinase, deoxymannojirimycin). *Dissert. Abstr.* **B 56**: 803.
133. **Morris, N. R., X. Xiang and S. M. Beckwith.** 1995. Nuclear migration advances in fungi. *Trends Cell Biol.* **5**: 278-282. (-)
134. **Mukhopadhyay, T., E. K. S. Vijayakumar, S. R. Nadkarni, S. N. Sawant, J. Kenia and B. Sachse.** 1995. 2-Demethylazalomycins F-4a and F-5a, two new antifungal metabolites from *Actinomyces* sp. HIL Y-9120362. *J. Antibiotics* **48**: 1350-1352. (-)
135. **Müller, F., D. Krüger, E. Sattlegger, B. Hoffmann, P. Ballario, M. Kanaan and I. B. Barthelmess.** 1995. The *cpc-2* gene of *Neurospora crassa* encodes a protein entirely composed

of WD-repeat segments that is involved in general amino acid control and female fertility. *Mol. Gen. Genet.* **248**: 162-173.

136. **Murayama, T., Y. Fujisawa and Y. Okano.** 1995. A suppressor mutation which suppresses adenyl cyclase mutations in *Neurospora crassa*. *Exper. Mycol.* **19**: 320-323. (-)

137. **Nargang, F. E., K. P. Künkele, A. Mayer, R. G. Ritzel, W. Neupert and R. Lill.** 1995. 'Sheltered disruption' of *Neurospora crassa* MOM22, an essential component of the mitochondrial protein import complex. *EMBO J.* **14**: 1099-1108.

138. **Ninnemann, H.** 1995. Some aspects of blue light research during the last decade. *Photochem. Photobiol.* **61**: 22-31.

139. **Nozawa, S. R., I. C. Rigoli, G. Thedei Jr. and A. Rossi.** 1995. Mind the buffering capacity of citric acid. *Fungal Genet. Newslett.* **42**: 56.

140. **Ohrnberger, J. and R. A. Akins.** 1995. Cloning of the copper-inducible metallothionein (*cmt*) promoter from *Neurospora crassa*. *Fungal Genet. Newslett.* **42**: 57-58.

141. **Ohrnberger, J. M.** 1995. Cloning and characterization of a heterokaryon incompatibility suppressor locus. *Dissert. Abstr.* **B 56**: 2612.

142. **Olive, J. E., D. M. De Abreu, T. Rastogi, A. A. Andersen, A. K. Mittermaier, T. L. Beattie and R. A. Collins.** 1995. Enhancement of *Neurospora* VS ribozyme cleavage by tuberactinomycin antibiotics. *EMBO J.* **14**: 3247-3251.

143. **Paietta, J. V.** 1995. Analysis of CYS3 regulator function in *Neurospora crassa* by modification of leucine zipper dimerization specificity. *Nucleic Acids Research* **23**: 1044-1049.

144. **Pareek, A., S. L. Singla and A. Grover.** 1995. Immunological evidence for accumulation of two-high-molecular-weight (104 and 90 kDa) HSPs in response to different stresses in rice and in response to high temperature stress in diverse plant genera. *Plant Mol. Biol.* **29**: 293-301.

145. **Pastore, G. M., Y. K. Park and D. B. Min.** 1994. Production of fruity aroma by *Neurospora* from beiju. *Mycol. Res.* **98**: 1300-1302.

146. **Pazirandeh, M., L. A. Chrisey, J. M. Mauro, J. R. Campbell and B. P. Gaber.** 1995. Expression of the *Neurospora crassa* metallothionein gene in *Escherichia coli* and its effect on heavy-metal uptake. *Appl. Microbiol. Biotech.* **43**: 1112-1117. (-)

147. **Peberdy, J. F.** 1994. Protein secretion in filamentous fungi - Trying to understand a highly productive black box. *Trends Biotechnol.* **12**: 50-57. (-)

148. **Pereira, M., H. Pereira, Jr., G. Thedei, Jr., A. Rossi and N. M. Martinez-Rossi.** 1995. Purification of *Neurospora crassa* alkaline phosphatase without DNase activity for use in molecular biology. *World J. Microbiol. Biotech.* **11**: 505-507. (-)

149. **Perkins, D. D.** 1994. How should the infertility of interspecies crosses be designated? *Mycologia* **86**: 758-761.
150. **Perkins, D. D.** 1995. *Neurospora* chromosome rearrangements with mutant phenotypes provide an opportunity to sequence breakpoint junctions. *Fungal Genet. Newslett.* **42**: 59-61.
151. **Perkins, D. D. and N. B. Raju.** 1995. Three-to-one segregation from reciprocal translocation quadrivalents in *Neurospora* and its bearing on the interpretation of spore-abortion patterns in unordered asci. *Genome* **38**: 661-672.
152. **Perkins, D. D., N. B. Raju, E. G. Barry and D. K. Butler.** 1995. Chromosome rearrangements that involve the nucleolus organizer region in *Neurospora*. *Genetics* **141**: 909-923.
153. **Perkins, D. D., B. C. Turner, E. G. Barry and V. C. Pollard.** 1995. Cytogenetics of an intrachromosomal transposition in *Neurospora*. *Chromosoma* **104**: 260-273.
154. **Plesofsky-Vig, N. and R. Brambl.** 1995. Disruption of the gene for hsp30, an -crystallin-related heat shock protein of *Neurospora crassa*, causes defects in thermotolerance. *Proc. Nat. Acad. Sci. USA* **92**: 5032-5036.
155. **Polizeli, M. D. L. T. M., M. A. Noventa Jordao, M. M. D. Silva, J. A. Jorge and H. F. Terenzi.** 1995. (1,3)-D-glucan synthase activity in mycelial and cell wall-less phenotypes of the *fz, sg, os-1* ("Slime") mutant strain of *Neurospora crassa*. *Exper. Mycol.* **19**: 35-47. (-)
156. **Prajapati, J. B. and S. Neelakantan.** 1994. Bioconversion of supplemented wheat straw by lignocellulolytic fungi. *J. Dairying Foods Home Sci.* **13**: 21-30. (-)
157. **Prior, S. L., G. D. Robson and A. P. J. Trinci.** 1994. Phosphoinositide turnover does not mediate the effects of light or choline, or the relief of derepression of glucose metabolism in filamentous fungi. *Mycol. Res.* **98**: 291-294.
158. **Pu, R. T., G. Xu, L. Wu, J. Vierula, K. O'Donnell, X. S. Ye and S. A. Osmani.** 1995. Isolation of a functional homolog of the cell cycle-specific NIMA protein kinase of *Aspergillus nidulans* and functional analysis of conserved residues. *J. Biol. Chem.* **270**: 18110-18116.
159. **Rademacher, W.** 1994. Gibberellin formation in microorganisms. *Plant Growth Reg.* **15**: 303-314. (-)
160. **Raju, N. B.** 1994. Ascomycete spore killers: Chromosomal elements that distort genetic ratios among the products of meiosis. *Mycologia* **86**: 461-473.
161. **Ram, C.** 1968. Timber-attacking fungi from the state of Maranhá, Brazil. *Neurospora*, with notes on some allied genera X. *Broteria* **37**: 13-27.
162. **Randall, T. A. and R. L. Metzenberg.** 1995. Species-specific and mating type-specific DNA regions adjacent to mating type idiomorphs in the genus *Neurospora*. *Genetics* **141**: 119-136.

163. **Rassow, J., K. Mohrs, S. Koidl, I. B. Barthelmess, N. Pfanner and M. Tropschug.** 1995. Cyclophilin 20 is involved in mitochondrial protein folding in cooperation with molecular chaperones Hsp70 and Hsp60. *Mol. Cell. Biol.* **15**: 2654-2662.
164. **Razal, R. A., N. G. Lewis and G. H. N. Towers.** 1994. Pico-tag analysis of arogenic acid and related free amino acids from plant and fungal extracts. *Phytochem. Anal.* **5**: 98-104(-)
165. **Ridley, G. S.** 1994. Mycological records: 2. *Neurospora intermedia* Tai. New Zealand J. Forestry Sci. **24**: 71-74. (-)
166. **Robb, M. J.** 1995. The isolation and characterization of the gene *ro-4* that is responsible for a morphological mutation in *Neurospora crassa*. Dissert. Abstr. **MAI 33**: 832.
167. **Robb, M. J., M. A. Wilson and P. J. Vierula.** 1995. A fungal actin-related protein involved in nuclear migration. *Mol. Gen. Genet.* **247**: 583-590.
168. **Roberts, C. J. and E. U. Selker.** 1995. Mutations affecting the biosynthesis of S-adenosylmethionine cause reduction of DNA methylation in *Neurospora crassa*. *Nucleic Acids Research* **23**: 4818-4826.
169. **Rojo, E. E., R. A. Stuart and W. Neupert.** 1995. Conservative sorting of F₀-ATPase subunit 9: Export from matrix requires Δ -pH across inner membrane and matrix ATP. *EMBO J.* **14**: 3445-3451.
170. **Sadakane, Y. and H. Nakashima.** 1995. Synthesis of mRNA is required for light-induced phase-shifting of the circadian conidiation rhythm in *Neurospora crassa*. *Plant Cell Physiol.* **36**: 473-480.
171. **Sainsard Chanet, A., C. Sellem, P. Silar, L. Belcour, M. Dequard Chablat and M. Picard.** 1994. Senescence process in filamentous fungi. *Med. Sci.* **10**: 574-576. (-)
172. **Saldanha, R. J., S. S. Patel, R. Surendran, J. C. Lee and A. M. Lambowitz.** 1995. Involvement of *Neurospora* mitochondrial tyrosyl-tRNA synthetase in RNA splicing. A new method for purifying the protein and characterization of physical and enzymatic properties pertinent to splicing. *Biochemistry* **34**: 1275-1287.
173. **Scarborough, G. A.** 1994. Large single crystals of the *Neurospora crassa* plasma membrane H⁺-ATPase: An approach to the crystallization of integral membrane proteins. *Acta Cryst.* **D50**: 643-649.
174. **Schlossmann, J. and W. Neupert.** 1995. Assembly of the preprotein receptor MOM72/MAS70 into the protein import complex of the outer membrane of mitochondria. *J. Biol. Chem.* **270**: 27116-27121.
175. **Schroeder, A. L., M. L. Pall, J. Lotzgesell and J. Siino.** 1995. Homologous recombination following transformation in *Neurospora crassa* wild type and mutagen sensitive strains. *Fungal Genet. Newslett.* **42**: 65-68.

176. **Schumacher, M., Y.-Z. Liu, H. Liu and T. J. Schmidhauser.** 1995. Characterization of *Neurospora crassa* albino mutants that were previously unassigned to locus. Fungal Genet. Newslett. **42**: 69-70.
177. **Sengupta, S., T. B. Prasanna and D. P. Kasbekar.** 1995. Sterol 14,15 reductase (*erg-3*) mutations switch the phenotype of *Neurospora crassa* from sensitivity to the tomato saponin - tomatine to sensitivity to the pea phytoalexin pisatin. Fungal Genet. Newslett. **42**: 71-72.
178. **Shao, L.** 1995. Biophysical studies of the conformational and functional states of the mitochondrial voltage-dependent anion (selective)-channel. Dissert. Abstr. **B 56**: 701.
179. **Silar, P.** 1995. Two new easy to use vectors for transformations. Fungal Genet. Newslett. **42**: 73.
180. **Singer, M. J.** 1995. Repeat-induced point mutation (RIP) and its relationship to DNA methylation in *Neurospora crassa*. Dissert. Abstr. **B 55**: 4721.
181. **Singer, M. J., E. A. Kuzminova, A. Tharp, B. S. Margolin and E. U. Selker.** 1995. Different frequencies of RIP among early vs. late ascospores of *Neurospora crassa*. Fungal Genet. Newslett. **42**: 74-75.
182. **Singer, M. J., B. A. Marcotte and E. U. Selker.** 1995. DNA methylation associated with repeat-induced point mutation in *Neurospora crassa*. Mol. Cell. Biol. **15**: 5586-5597.
183. **Staben, C.** 1995. Resistance to azole drugs in *Neurospora crassa*. Exper. Mycol. **19**: 163-165. (-)
184. **Stahl, F. W. and R. Lande.** 1995. Estimating interference and linkage map distance from two-factor tetrad data. Genetics **139**: 1449-1454.
185. **Stanley, S., J. A. Dias, D. D'Arcangelis and C. A. Mannella.** 1995. Peptide-specific antibodies as probes of the topography of the voltage-gated channel in the mitochondrial outer membrane of *Neurospora crassa*. J. Biol. Chem. **270**: 16694-16700.
186. **Steinberg, G. and M. Schliwa.** 1995. The *Neurospora* organelle motor: A distant relative of conventional kinesin with unconventional properties. Mol. Biol. Cell **6**: 1605-1618. (-)
187. **Stillman, T. J., K. S. P. Yip, D. W. Rice, A. M. Fuentes and I. Connerton.** 1995. Crystallization and preliminary X-ray analysis of the NADP-specific glutamate dehydrogenase from *Neurospora crassa*. Acta Cryst. **D51**: 837-839.
188. **Suutari, M.** 1995. Effect of growth temperature of lipid fatty acids of four fungi (*Aspergillus niger*, *Neurospora crassa*, *Penicillium chrysogenum*, and *Trichoderma reesei*). Arch. Microbiol. **164**: 212-216. (-)
189. **Swanson, R. V., L. A. Alex and M. I. Simon.** 1994. Histidine and aspartate phosphorylation: Two-component systems and the limits of homology. Trends Biochem. Sci. **19**: 485-490.

190. **Szoor, B., Z. Feher, E. Bako, F. Erdodi, G. Szabo, P. Gergely and V. Dombradi.** 1995. Isolation and characterization of the catalytic subunit of protein phosphatase 2A from *Neurospora crassa*. *Comp. Biochem. Physiol. B* **112**: 515-522. (-)
191. **Taleb, F. and A. Radford.** 1995. The cellulase complex of *Neurospora crassa*: *cbh-1* cloning, sequencing and homologies. *Gene* **161**: 137-138.
192. **Tao, Y. and K. Y. Chen.** 1995. Molecular cloning and functional expression of *Neurospora* deoxyhypusine synthase cDNA and identification of yeast deoxyhypusine synthase cDNA. *J. Biol. Chem.* **270**: 23984-23987.
193. **Tao, Y. and K. Y. Chen.** 1995. Purification of deoxyhypusine synthase from *Neurospora crassa* to homogeneity of substrate elution affinity chromatography. *J. Biol. Chem.* **270**: 383-386.
194. **Templeton, M. D., D. R. Greenwood and R. E. Beever.** 1995. Solubilization of *Neurospora crassa* rodlet proteins and identification of the predominant protein as the proteolytically processed *eas* (*ccg-2*) gene product. *Exper. Mycol.* **19**: 166-169. (-)
195. **Thaler, D. S.** 1994. Sex is for sisters: Intragenomic recombination and homology-dependent mutation as sources of evolutionary variation. *Trends Ecol. Evol.* **9**: 108-110. (-)
196. **Toledo, I., P. Rangel and W. Hansberg.** 1995. Redox imbalance at the start of each morphogenetic step of *Neurospora crassa* conidiation. *Arch. Bioch. Biophys.* **319**: 519-524.
197. **Turian, G. and F. Barja.** 1994. New trends in polarity: II. Nucleocentric origin of intrinsic cell polarity. *Archiv. Sci.* **47**: 243-254. (-)
198. **Turian, G. and F. Barja.** 1995. Nuclear actin and RNA export in conidial cells of *Neurospora crassa*. *Cell Biol.* **19**: 77-78. (-)
199. **van den Hoff, M. J. B., A. Jonker, J. J. Beintema and W. H. Lamers.** 1995. Evolutionary relationships of the carbamoylphosphate synthetase genes. *J. Mol. Evol.* **41**: 813-832.
200. **Vassilev, A. O., N. Plesofsky-Vig and R. Brambl.** 1995. Cytochrome c oxidase in *Neurospora crassa* contains myristic acid covalently linked to subunit 1. *Proc. Nat. Acad. Sci. USA* **92**: 8680-8684.
201. **Versaw, W.** 1995. Biochemical and genetic analysis of phosphate transport mutants in *Neurospora crassa*. *Dissert. Abstr.* **B 56**: 227.
202. **Versaw, W. K.** 1995. A phosphate-repressible, high-affinity phosphate permease in encoded by the *pho-5+* gene of *Neurospora crassa*. *Gene* **153**: 135-139.
203. **Versaw, W. K. and R. L. Metzenberg.** 1995. Genetic mapping of the *N. crassa* *pho-5* gene. *Fungal Genet. Newslett.* **42**: 78.

204. **Versaw, W. K. and R. L. Metzenberg.** 1995. Repressible cation-phosphate symporters in *Neurospora crassa*. Proc. Nat. Acad. Sci. USA **92**: 3884-3887.
205. **Videira, A. and J. E. Azevedo.** 1994. Two nuclear-coded subunits of mitochondrial complex I are similar to different domains of a bacterial formate hydrogenlyase subunit. Int. J. Biochem. **26**: 1391-1393. (-)
206. **Vierula, P. J., M. Robb, J. Mais and M. Wilson.** 1995. Genes required for nuclear motility in *Neurospora crassa*. Bull. Genet. Soc. **26**: 51.
207. **Vigeneron, L., J. M. Ruyschaert and E. Goormaghtigh.** 1995. Fourier Transform Infrared Spectroscopy Study of the Secondary Structure of the Reconstituted *Neurospora crassa* Plasma Membrane H⁺-ATPase and of Its Membrane-associated Proteolytic Peptides. J. Biol. Chem. **270**: 17685-17696.
208. **Vigeneron, L., G. A. Scarborough, J. M. Ruyschaert and E. Goormaghtigh.** 1995. Reconstitution of the *Neurospora crassa* plasma membrane H⁺-adenosine triphosphatase. Biochim. Biophys. Acta **1236**: 95-104.
209. **Wang, H.** 1994. Reverse transcription of the mauriceville mitochondrial plasmid of *Neurospora*. Dissert. Abstr. **B 55**: 738.
210. **Watters, M. K. and D. R. Stadler.** 1995. Spontaneous mutation during the sexual cycle of *Neurospora crassa*. Genetics **139**: 137-145.
211. **Wechser, M. A. and B. J. Bowman.** 1995. Regulation of the expression of three housekeeping gene encoding subunits of the *Neurospora crassa* vacuolar ATPase. Mol. Gen. Genet. **249**: 317-327.
212. **Wessels, J. G. H.** 1994. Developmental regulation of fungal cell wall formation. Annu. Rev. Phytopathol. **32**: 413-437.
213. **White, B. and D. Woodward.** 1995. A simple method for making disposable race tubes. Fungal Genet. Newslett. **42**: 79.
214. **Xiao, X.** 1995. NIT-2, the major positive regulatory protein of the *Neurospora crassa* nitrogen control circuit: DNA binding, nuclear localization, and interaction with NMR. Dissert. Abstr. **B 56**: 93.
215. **Xiao, X., Y. H. Fu and G. A. Marzluf.** 1995. The negative-acting NMR regulatory protein of *Neurospora crassa* binds to and inhibits the DNA-binding activity of the positive-acting nitrogen regulatory protein NIT2. Biochemistry **34**: 8861-8868.
216. **Yadon, P. J. and D. E. A. Catcheside.** 1995. *Guest*: A 98 bp inverted repeat transposable element in *Neurospora crassa*. Mol. Gen. Genet. **247**: 105-109.

217. **Yajima, H., M. Takao, S. Yasuhira, J. H. Zhao, C. Ishii, H. Inoue and A. Yasui.** 1995. A eukaryotic gene encoding an endonuclease that specifically repairs DNA damaged by ultraviolet light. *EMBO J.* **14**: 2393-2399.
218. **Yang, X.** 1995. Mitochondrial DNA plasmids and senescence in *Neurospora*. Dissert. Abstr. **B56**:
219. **Yatzkan, E. and O. Yarden.** 1995. Inactivation of a single type-2A phosphoprotein phosphatase is lethal in *Neurospora crassa*. *Curr. Genet.* **28**: 458-466.
220. **Yeadon, P. J. and D. E. A. Catcheside.** 1995. The chromosomal region which includes the recombinator *cog* in *Neurospora crassa* is highly polymorphic. *Curr. Genet.* **28**: 155-163.
221. **Yeadon, P. J. and D. E. A. Catcheside.** 1995. *Guest*: a 98 bp inverted repeat transposable element in *Neurospora crassa*. *Mol. Gen. Genet.* **247**: 105-109.
222. **Yeadon, P. J. and D. E. A. Catcheside.** 1995. Polymorphism in the 3' flank of *his-3* and the origin of *Neurospora* wild-types. *Fungal Genet. Newslett.* **42**: 81.
223. **Zhao, H., M. S. McPeck and T. P. Speed.** 1995. Statistical analysis of chromatid interference. *Genetics* **139**: 1057-1065.
224. **Zhao, H., T. P. Speed and M. S. McPeck.** 1995. Statistical analysis of crossover interference using the chi-square model. *Genetics* **139**: 1045-1056.

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