

BIBLIOGRAPHY

- 1 Ahern, K.G., Howard, P.K., and Firtel, R.A., *Nucleic Acids Res.*, 1988, **16**, 6825-6837.
- 2 Ashktorab, H. & Welker, D.L., *Gene*, 1988, **65**, 41-49.
- 3 Baim, S.B., Pietras, D.F., Eustice, D.C. and Sherman, F., *Mol. Cell. Biol.*, 1985, **5**, 1839 - 1846.
- 4 Barth, C., Fraser, D.J., and Fisher, P.R., *Plasmid*, 1998, **39**, 141-153.
- 5 Bennetzen, J.L. and Hall, B.D. J., *Biol. Chem.*, 1982, **257**, 3026-3031.
- 6 Bertani, I., Devescovi, G., and Venturi, V., *FEMS Microbiology letters*, 1999, **179**, 101-106.
- 7 Bonner, J.T., and Cox, E.C., *Semin. Dev. Biol.*, 1995, **6**, 359-368.
- 8 Bonner, J.T., Clarke Jr, W.W., Neely Jr. C.H.L., and Slifkin, M.K., *J. Cell. Compar. Physiol.*, 1950, **36**, 149-158.
- 9 Bonner, J.T., *Proc. Natl. Acad. Sci. USA*, 1998, **95**, 9355-9359.
- 10 Bonner, J.T., *The Cellular slime Molds* (2nd edition), Princeton University Press, Princeton, New Jersey, 1967.
- 11 Casadaban, M; Martinez-Arias, A., Shapira, S., and Chou, J., *Methods Enzymol.*, 1983, **100**, 293-308.
- 12 Cashmore, A.M., Aibury, M.S., Hadfield, C. and Meacock, P.M., *Mol Gen. Genet.*, 1986, **203**, 154-162.
- 13 Chen, C.Y., Oppermann, H. and Mitgeenan, R.A., *Nucleic Acids Res.*, 1984, **12**, 8951-8970.
- 14 Chen, P.X., Ostrow, B.D., Tafuri, S.R. and Chisholm, R.L., *J. Cell Biol.*, 1994, **127**, 1933-1944.
- 15 Chen, T.L., Kowalczyk, P.A., Ho, G.X. and Chisholm, R.L., *J. Cell Sci.*, 1995, **108**, 3207-3218.
- 16 Chen, T.L., Wolf, W.A., and Chisholm, R.L., *Development*, 1998, **125**, 3895-3903.
- 17 Chiu, W., Niwa, Y., Zeng, W., Hirano, T., Kobayashi, H., Sheen, J. *Curr. Biol.*, 1996, **6**, 325-330.
- 18 Coligan. J.E., Dunn.B.M., Ploegh, H.L., Speicher, D.W. and Wingfield, P.T., *Current Protocols in Protein Science*, 1995, vol. 1.
- 19 Cormack, B., Bertram, G., Egerton, M., Gow, N., Falkow, S., and Brown, A., *Microbiology*, **143**, 303-311.

- 20 Cormack, B., Valdivia, R., and Falkow, S., *Gene*, 1996, **173**, 33-38.
- 21 Cousens, L.S., Shuster, J.R., Gallegos, C., Ku.L., Stempien, M.M.,
Urdea, M.S., Sanchez- Pescador, R. Taylor, A. and Tekamp -olson, P.,
Gene, 1987, **61**, 265 -275.
- 22 Cox, E.C., Vocke, C.D., Walter, S., Gregg, K.Y., and Bain, E.S., *Proc.*
Natl. Acad. Sci. USA, 1990, **87**, 8247-8251.
- 23 Depraitere, C., and Darmon, M., *Ann. Microbiol.*, 1978, **129B**, 451-461.
- 24 Devine, K.M., and Loomis, W.F., *Dev. Biol.*, 1985, **107**, 364-372.
- 25 Devreotes, P.N., and Zigmond, S.H., *Ann. Rev. Cell Biol.*, 1988, **4**, 649-
686.
- 26 Dice, F., *FASEB J.*, 1987, **1**, 349-357.
- 27 Dittrich, W., Williams, K., and Slade, M., *Bio/Technology*, 1994, **12**, 614-
618.
- 28 Dittrich, W., Williams, K.L., Slade, M.B., *Biotechnology (NY)*, 1994,
12(6), 614-618.
- 29 Early, A.A.E., Gaskell, M.J., Traynor, D., and Williams, J. G.,
Development, 1993, **118**, 353-362.
- 30 Egelhoff, T.T., Brown, S.S., Manstein, D.J., and Spudich, J.A., *Mol. Cell.*
Biol., 1989, **9**, 1965-1968.
- 31 Fey, P., Compton, K., and Cox, E., *Gene*, 1995.
- 32 Firtel, R., and Bonner, J., *J. Mol. Biol.*, 1972, **66**, 339-361.
- 33 Firtel, R.A., Silan, C., Ward, T.E., Howard, P., Hetz, B.A., Nellen, W.,
and Jakobson, A., *Mol. Cell biol.* 1985, **5**, 3241-3250.
- 34 Freedman, R.B., *Cell*, 1989, **57**, 1069-1072.
- 35 Gaskell, M.J., Jermyn, K.A., Watts, D.J., Treffry, T., and Williams, J. G.,
Differentiation, 1992, **51**, 171-176.
- 36 Gerisch, G., and Hess, B., *Proc. Natl. Acad. Sci. USA*, 1974, **71**, 2118-
2122.
- 37 Gerisch, G., Hiilser, D., Malchow, D., and Wick, U. *Phil. Trans. R. Soc.*
London, 1975, **272**, 181-192.
- 38 Gething, M.J. and Sambrook, J., *Nature*, 1992, **355**, 33-45.
- 39 Gomer, R.H., Datta, S., and Firtel, R.A., *J. Cell Biol.*, 1986, **103**, 1999-
2015.

- 40 Gonzales, C.M., Spencer, T.D., Pendley, S.S., and Welker, D.L.,
Plasmid, 1999, **41**, 89-96.
- 41 Gunkel, F.A., and Gassen, H.F., *Eur. J. Biochem.*, 1989, **179**, 185-194.
- 42 Ghosh, P. K., *Aust. Biotechnol.*, 1998, **3**, 214-222.
- 43 Haseloff, J., Siemering, K., Prasher, D., and Hodge, S., *Proc. Natl. Acad. Sci. USA*, 1997, **94**, 2122-2127.
- 44 Heikoop, J.C., Grootenhuys, P.D.J., Balaauw, M., Veldema, J.S., Van Haastert, P.J.M., and Linskens, M.H.K., *Eur. J. Biochem.*, 1998, **256**, 359-363.
- 45 Heim, R., and Tsien, R., *Curr. Biol.*, 1996, **6**, 178-182.
- 46 Heim, R., Prasher, D., and Tsien, R., *Proc. Natl. Acad. Sci. USA*, 1994, **91**, 12501-12504.
- 47 Hitzeman, R.A., Chen, C. Y., Dowbehko, D.J., Renz, M.E., Lui, C., Pai, R., Simpson, N.J., Kohr, W.J., Singh, A., Chisholm, V., Hamilton, R. and Chang, C.N., *Methods Enzymol.*, 1990, **185**, 421-440.
- 48 Hitzeman, R.A., Hagie, F.F, Levine, H.L., Goeddel, D. W., Ammerer, G. and Hall, B.D., *Nature*, 1981, **293**, 717- 732.
- 49 Hohl, H.R., and Jehli, J. *Arch. Mikrobiol.*, 1973, **92**, 179-187.
- 50 Hughes, J. E., Podgorski, G.J., and Welker, D.L., *Plasmid*, 1992, **28**, 37
- 51 Hughes, J.E. and Welker, D.L., *Plasmid*, 1989, **22**, 215-223.
- 52 Hughes, J.E., Ashktorab, H. and Welker, D.L., *Dev. Gent.* 1988, **9**, 495-504.
- 53 Hughes, J.E., Kiyosawa, H., and Welker, D.L., *Mol. Cell biol.* 1994, **14**, 6117-6124.
- 54 Humphrey, T., Sadhale, P., Platt, T., and Proudfoot, N., *EMBO J.*, 1991, **10**, 3503-3511.
- 55 Ikeno, M., *Nature Biotechnology*, 1998, **16**, 431-439.
- 56 Inouye, K., *J. Biosci.*, 1992, **17**, 115-128.
- 57 Itoh, Y. and Fujisawa, Y., *Biochem. Biophys. Res. Commun.*, 1986, **141**, 942-948.
- 58 Jany, K.D., Lederer, G., and Mayer, B., *FEBS*, 1986, **199**, 139-144.
- 59 Jermyn, K.A., Duffy, K.T., and Williams, J.G., *Nature*, 1989, **340**, 144-146.

- 60 Jermyn, K.A., Traynor, D., and Williams, J. G., *Development*, 1996, **122**, 753-760.
- 61 Jung, E., Gooley, A.A., Packer, N.H., Slade M.B, Williams, K.L., Dittrich, W., *Biochemistry*, 1997, **36**(13), 4034- 40.
- 62 Jung, E., Williams, K.L., *Biotechnol. Appl. Biochem.*, 1997, **25** (PI-I), 3-8.
- 63 Kahana, J. and Silver, P., *Cur. Prot. Mol. Biol.*, 1996, 9722-9728.
- 64 Kaufman, P.B., Wu, W., Kim, D., and Cseke, L.J., *Handbook of Molecular and Cellular Methods in Biology and Medicine*, CRC Press, Inc., 1995.
- 65 Kaufman, R.J., *Methods Enzymol.*, 1990a, **185**, 537-566.
- 66 Kaufman, R.J., *Methods Enzymol.*, 1990b, **195**, 487-511.
- 67 Kay, R.R., *Curr. Opin. Cell Biol.*, 1992, **4**, 934-938.
- 68 Kendall. R.L., Yamada, R. and Bradshaw, R.A., *Methods Enzymol.*, 1990, **185**, 398-407.
- 69 Kessin, R.H. Dictyostelium, Cambridge University Press, 2001.
- 70 Kitt, P.A. and Possee, R.D., *Bio Techniques*, 1993, **14**, 810-817.
- 71 Kiyosawa, H., Hughes, J. E., and Welker, D.L., *Curr. Genet.* 1995, **27**, 479-485.
- 72 Kiyosawa, H., Hughes, J.E., and Welker, D.L., *Plasmid*, 1994, **31**, 121-130.
- 73 Kiyosawa, H., Hughes, J.E., Podgorski, G.J., and Welker, D.L., *Plasmid*, 1993, **30**, 106-118.
- 74 Kornfeld, R. and Kornfeld, S., *Ann. Rev. Biochem.*, 1985, **54**, 631-664.
- 75 Kopetzki, E., Schumacher, G. and Buckel, P., *Mol. Gen. Genet.*, 1989, **216**, 149 -155.
- 76 Kornfeld, R. and Kornfeld, S., *Ann. Rev. Biochem.*, 1985, **54**, 631-664.
- 77 Kozak, M. J., *Cell Biology*, 1989, **108**, 229-241.
- 78 Kukuruzinska, M.A., Bergh, M.L.E., and Jackson, B.L., *Ann. Rev. Biochem.*, 1987, **56**, 915- 944.
- 79 Kurland, C.G., *Trends Biochem. Sci.*, 1987, **12**, 126-128
- 80 Kuspa, A., and Loomis, W.F., *Proc. Natl. Acad. Sci. USA*, 1996, **93**, 5562-5566.

- 81 Lees, N., cozzikorto, J., Wainwright, N., and Testa, D., *Nucleic Acids Res.*, 1984, **12**, 6797-6812.
- 82 Leiting, B., and Noegel, A., *Plasmid*, 1988, **20**, 241-248.
- 83 Loomis, W.F., *The Development of Dictyostelium discoideum*, Academic Press, 1982.
- 84 Maina, C.V., Riggs, P.D., Grandea, A.G., Slatko, B.E., Moran, L.S., Tagliamonte, J.M., McReynolds, L.A., and Guan, C., *Gene*, 1988, **74**, 365-373.
- 85 Manstein, D.J., Schuster, H.P., Morandins, P., and Hint, D.M., *Gene*, 1995, **162**, 129-134.
- 86 Marston, F.A. O., *Biochem. J.*, 1986, **240**, 1-12.
- 87 Marston, F.A.O. and Hartley, D.L., *Methods Enzymol.*, 1990, **182**, 264-276.
- 88 Matsuura, Y., Possee, R.D. and Bishop, D.H.L. J., *Gen. Virol.*, 1987, **68**, 1233-1250.
- 89 Mckeown, M., Taylor, W.C., Kindle, K.L., Firtle, R.A., Bender, W., and Davidson, N., *Cell*, 1978, **15**, 789-800.
- 90 McRobbie, S.J., Jermyn, K.A., Duffy, K., Blight, K., and Williams, J.G., *Development*, 1988, **104**, 275-284.
- 91 Mellor, J., Dobson, M., Roberts, N.A., Kingsman, A.J. and Kingsman, S.M., *Gene*, 1985, **33**, 215-226.
- 92 Moorin, J.G., and Hastings, J.W., *J. Cell. Physiol.*, 1971, **77**, 313.
- 93 Nellen, W., Silan, C., and Firtel, R., *Mol. Cell. Biol.*, 1984, **4**, 2890-2898.
- 94 Nellen, W., and Firtel, R., *Gene*, 1985, **39**, 155-163.
- 95 Novick, R.P., *Microbiol Rev.*, 1987, **51**, 381-395.
- 96 O' Reilly, D.R., Miller, L.K., and Lucknow, V.A., *Baculovirus expression system - A Laboratory manual*, Oxford University Press, New York, 1992.
- 97 Oliveri, M., Daga, A., and Cantoni, C., *Eur. J. Immunol.*, 2001, **31**, 743-751.
- 98 Ormo, M., Cubitt, A., Kallio, K., Gross, L., Tsien, R., and Remington, S., *Science*, 1996, **273**, 1392-1395.
- 99 Padh, H., *BioPharma (USA)*, July 1999, **12(7)**, 18-19.

- 100 Pang, K.M., Lynes, M.A., and Knecht, D.A., *Plasmid*, 1999, **41**, 187-197.
- 101 Parekh, R.B., Dwek, R.A., Rudd, P.M., Thomas, J.R., Rademacher, T.W., Warren, T., Won, T.C., Hebert, B., Reitz, H.B., Palmier, M., Ramabhadran, T. and Tiemeier, D.C., *Biochemistry*, 1989, **28**, 7670-7679.
- 102 Parent, C.A., Blacklock, B.J., Froehlich, W.M., Murphy, D.B., and Devreotes, P.N., *Cell*, 1998, **95**, 81-91.
- 103 Pedersen, S., *EMBO J.*, 1984, **3**, 2895-2898.
- 104 Podolski, J.L., and Steck, T.L. J., *Biol.Chem.* 1990, **265**, 1312-1318.
- 105 Prasher, D., Eckenrode, V.K., Ward, W.W., Prendergast, M.J., and Cormier, M.J., *Gene*, 1992, **111**, 229-233.
- 106 Prasher, D., *Trends Genet.*, 1995, **11**, 320-323.
- 107 Purvis, I.J., Betlany, A.J.E., Loughlin, L. and Brown, A.J.P., *Nucleic Acids Res.*, 1987, **15**, 7963-7974.
- 108 Rademacher, T. W., Parekh, R.B. and Dwek, R.A., *Ann. Rev. Biochem.*, 1988, **57**, 785-838.
- 109 Raper, K.B., *J. Agr. Res.*, 1937, **55**, 289-316.
- 110 Rauch, F., Polzar, B., Stephan, H., Zaanotti, S., Paddenberg, R., and Mannherz, H.G., *J. Cell. Biol.* 1997, **19**, 909-923.
- 111 Reiss, B., Sprengel, R., and Schaller, H., *EMBO J.*, 1984, **3**, 3317-3322.
- 112 Rieben, W.K., Gonzales, C.M., Gonzales, S.T., Pilkington, K.J., Kiyosawa, H., Hughes, J.E., and Welker, D.L., *Genetics*, 1998, **148**, 1117-1125.
- 113 Robinson, M; Lilley, R., Little, S., Emtage, J.S., Yarranton, G., Stephens, P., Millican, A., Eaton, M., and Humphreys, G., *Nucleic Acids Res.*, 1984, **12**, 6663-6671
- 114 Romanos, M.A., Makoff, A.J., Fairweather, N.F., Beesley, K.M., Slater, D.E., Rayment, F.B., Payne, M.M. and Clare, J.J., *Nucleic Acids Res.*, 1991, **19**, 1461-1467.
- 115 Romans, P., and Firtel, R.A. J., *Mol. Biol.* 1985, **186**, 321-335.
- 116 Sambrook, J., Fritsch, E.F., and Maniatis, T., *Molecular cloning – A Laboratory Manual* (2nd edition), **1**, Cold Spring Harbor Laboratory Press, New York, 1989.

- 117 Sambrook, J., Fritsch, E.F., and Maniatis, T., *Molecular cloning – A Laboratory Manual* (2nd edition), **2**, Cold Spring Harbor Laboratory Press, New York, 1989.
- 118 Sambrook, J., Fritsch, E.F., and Maniatis, T., *Molecular cloning – A Laboratory Manual* (2nd edition), **3**, Cold Spring Harbor Laboratory Press, New York, 1989.
- 119 Schein, C. H., *Bio/Technology*, 1989, **7**, 1141-1148.
- 120 Schein, C.H. and Noteborn, M.H.N., *Bio/Technology*, 1988, **6**, 291-294.
- 121 Schroter, M., Peitsch, M.C. and Tschopp, J., *J. Cell. Biol.*, 1996, **69**, 143-150.
- 122 Scorer, C.A., Carrier, M.J. and Rosenberger, R.F., *Nucleic Acids Res.*, 1991, **19**, 3511-3516.
- 123 Scott, J.R., *Microbiol. Rev.*, 1984, **48**, 1-23.
- 124 Shak, S., Capon, D.J., Hellmiss, R., Marsters, S.A., and Baker, C.L., *Proc. Natl. Acad. Sci. USA*, 1990, **87**, 9188-9192.
- 125 Shammat, I.M., and Welker, D.L., *Plasmid*, 1999, **41**, 248-256.
- 126 Shatzman, A.R. and Rosenberg M., *Methods. Enzymol.*, 1987, **152**, 661-673.
- 127 Shimomura, O., Johnson, F.H., and Saiga, Y., *J. Cell. Comp. Physiol.*, 1962, **59**, 223.
- 128 Siemering, K., Golbik, R., Sever, R., and Haseloff, J., *Curr. Biol.*, 1996, **6**, 1653-1663.
- 129 Slade, M.B., Chang, A.C.M., and Williams, K.L., *Plasmid*, 1990, **24**, 195-207.
- 130 Sternfeld, J., and David, C.N., *Dev. Biol.*, 1982, **93**, 111-118.
- 131 Sternfeld, J., *Dev. Genes Evol.*, 1998, **208**, 487-494.
- 132 Subramanian, S., and Srienc, F., *J. Biotechnol.*, 1996, **49**, 137-151.
- 133 Sussman, R., and Rayner, E.P., *Arch. Biochem. Biophys.*, 1971, **144**, 127-137.
- 134 Sutoch, K., *Plasmid*, 1993, **30**, 150-154.
- 135 Tames, G. and Olson, E.N., *Biochemistry*, 1990, **29**, 2623-2634.

- 136 Thim, L., Hansen, M. T., Norris, K., Hoegh, I., Boel E., Forstrom, J., Ammerer, G. and Fiil, N.P., *Proc. Natl. Acad. Sci. USA*, 1986, **83**, 6766-6770.
- 137 Tiltcher, H., Storr, M., *Appli. Microbiol Biotech.* No.1, 1993, **40**(2-3), 246-5.
- 138 Varnum, B., and Soll, D.R., *J. Cell Biol.* 1984, **99**, 1151-1155.
- 139 Wachter, R.M., King, B.A., Heim, R., and Kallio, K., *Biochemistry*, 1997, **36**, 9759-9765.
- 140 Wolf, W.A., Chew, T.L., and Chisholm, R.L., *Cell. Mol. Life Sci.* 1999, **55**, 108-120.
- 141 Wu, L., and Franke, J., *Gene*, 1990, **91**, 51-56.
- 142 Yang, F., Moss, L.G., and Phillips, G.N., *Nature Biotechnology*, 1996, **14**, 1246-1251.
- 143 Yusada, T., Awazu, S., Sato, W., Iida, R., Tanaka, Y., and Kishi, K., *J. Biochem.*, 1990, **108**, 393-398.
- 144 Yusada, T., Kishi, K., Yanagawa, Y., and Yoshida, A., *Ann. Hum. Genet.*, 1995, **59**, 1-15.
- 145 Yusada, T., Nadano, D., Takeshita, H., Tenjo, E., Sawazaki, K., Ootani, M., and Kishi, K., *FEBS Lett.*, 1995, **359**, 211-214.
- 146 Zernicka-Goetz, M., Pines, J., McLean Hunter, S., Dixon, J., Siemering, K., and Haseloff, J., *Development*, 1997, **124**, 1133-1137.
- 147 Zernicka-Goetz, M., Pines, J., Ryan, K., Siemering, K., Haseloff, J., Evans, M., *J. Development*, 1996, **122**, 3719-3724.
- 148 Zigmond, S.H., Joyce, M., Borleis, J., Bokoch, G.M., and Devreotes, P.N., *Cell Biol.* 1997, **138**, 363-374.
- 149 Zolotukhin, S., Potter, M., Hauswirth, W., Guy, J., and Muzyczka, N., *J. Virol.*, 1996, **70**, 4646-4654.

