

References:

- 1 Kay, B. K., P. Williamson, M. and Sudol, M. (2000) *FASEB Journal* **14**, 231-241
- 2 Ball, L. J., Jarchau, T., Oschkinat, H. and Walter, U. (2002) *FEBS Letters* **513**, 45-52
- 3 Krause, M., Dent, E. W., Bear, J. E., Loureiro, J. J. and Gertler, F. B. (2003) *Annu Rev Cell Dev Biol* **19**, 541-64
- 4 Waldmann, R., Bauer, S., Göbel, C., Hoffmann, F., Jakobs, K. H. and Walter, U. (1986) *European Journal of Biochemistry* **158**, 203-210
- 5 Waldmann, R., Nieberding, M. and Walter, U. (1987) *European Journal of Biochemistry* **167**, 441-448
- 6 Reinhard, M., Halbrügge, M., Scheer, U., Wiegand, C., M. Jokusch, B. and Walter, U. (1992) *EMBO Journal* **11**, 2063-2070
- 7 Kwiatkowski, A. V., Gertler, F. B. and Loureiro, J. J. (2003) *Trends in Cell Biology* **13**, 386-392
- 8 Aasland, R., Abrams, C., Ampe, C., Ball, L. J., Bedford, M. T., Cesareni, G., Gimona, M., Hurley, J. H., Jarchau, T., Lehto, V.-P., Lemmon, M. A., Linding, R., Mayer, B. J., Nagai, M., Sudol, M., Walter, U. and Winder, S. J. (2002) *FEBS Letters* **513**, 141-144
- 9 Reinhard, M., Giehl, K., Abel, K., Haffner, C., Jarchau, T., Hoppe, V., Jockusch, B. M. and Walter, U. (1995) *EMBO Journal* **14**, 1583-9.
- 10 Kang, F., Laine, R. O., Bubb, M. R., Soutwick, F. S. and Purich, D. L. (1997) *Biochemistry* **36**, 8384-8392
- 11 Jonckheere, V., Lambrechts, A., Vandekerckhove, J. and Ampe, C. (1999) *Febs Letters* **447**, 257-263
- 12 Walders-Harbeck, B., Khaitlina, S. Y., Hinssen, H., Jockusch, B. M. and Illenberger, S. (2002) *Febs Letters* **529**, 275-280
- 13 Bachmann, C., Fischer, L., Walter, U. and Reinhard, M. (1999) *Journal of Biological Chemistry* **274**, 23549-23557
- 14 Zimmermann, J., Labudde, D., Jarchau, T., Walter, U., Oschkinat, H. and Ball, L. J. (2002) *Biochemistry* **41**, 11143-51.
- 15 Coppolino, M. G., Krause, M., Hagedorff, P., Monner, D. A., Trimble, W., Grinstein, S., Wehland, J. and Sechi, A. S. (2001) *Journal of Cell Science* **114**, 4307-18.
- 16 Volkman, B. F., Prehoda, K. E., Scott, J. A., Peterson, F. C. and Lim, W. A. (2002) *Cell* **111**, 565-76.
- 17 Nakagawa, H., Miki, H., Ito, M., Ohashi, K., Takenawa, T. and Miyamoto, S. (2001) *Journal of Cell Science* **114**, 1555-65.
- 18 Kato, A., Ozawa, F., Saitoh, Y., Hirai, K. and Inokuchi, K. (1997) *Febs Letters* **412**, 183-189
- 19 Williamson, M. P. (1994) *Biochemical Journal* **297**, 249-260
- 20 Nguyen, J. T., Turck, C. W., Cohen, F. E., Zuckermann, R. N. and Lim, W. A. (1998) *Science* **282**, 2088-92.
- 21 Kuruvilla, F. G., Shamji, A. F., Sternson, S. M., Hergenrother, P. J. and Schreiber, S. L. (2002) *Nature* **416**, 653-7.
- 22 Wakioka, T., Sasaki, A., Kato, R., Shouda, T., Matsumoto, A., Miyoshi, K., Tsuneoka, M., Komiya, S., Baron, R. and Yoshimura, A. (2001) *Nature* **412**, 647-651
- 23 Kramer, S., Okabe, M., Hacohen, N., Krasnow, M. A. and Hiromi, Y. (1999) *Development* **126**, 2515-2525
- 24 Kato, R., Nonami, A., Taketomi, T., Wakioka, T., Kuroiwa, A., Matsuda, Y. and Yoshimura, A. (2003) *Biochemical and Biophysical Research Communications* **302**, 767-772

- 25 Ball, L. J., Kühne, R., Hoffmann, B., Häffner, A., Schmieder, P., Volkmer-Engert, R., Hof, M., Wahl, M., Schneider-Mergener, J., Walter, U., Oschkinat, H. and Jarchau, T. (2000) *EMBO Journal* **19**, 4903-4914
- 26 Niebuhr, K., Ebel, F., Frank, R., Reinhard, M., Domann, E., Carl, U. D., Walter, U., Gertler, F. B., Wehland, J. and Chakraborty, T. (1997) *EMBO Journal* **16**, 5433-44.
- 27 Machner, M. P., Urbanke, C., Barzik, M., Otten, S., Sechi, A. S., Wehland, J. and Heinz, D. W. (2001) *Journal of Biological Chemistry* **276**, 40096-103.
- 28 Nguyen, J. T., Porter, M., Amoui, M., Miller, W. T., Zuckermann, R. N. and Lim, W. A. (2000) *Chemistry & Biology* **7**, 463-73.
- 29 Fedorov, A. A., Fedorov, E., Gertler, F. and Almo, S. C. (1999) *Nature Structural Biology* **6**, 661-665
- 30 Hajduk, P. J., Dinges, J., Mikins, G. F., Merlock, M., Middleton, T., J.Kempf, D., Egan, D. A., Walter, K. A., Robins, T. S., Shuker, S. B., Holzmann, T. F. and Fesik, S. W. (1997) *Journal of Medicinal Chemistry* **40**, 3144-3150
- 31 Prehoda, K. E., Lee, D. J. and Lim, W. A. (1999) *Cell* **97**, 471-480
- 32 Shogren-Knaak, M. A., Alaimo, P. J. and Shokat, K. M. (2001) *Annu Rev Cell Dev Biol* **17**, 405-33
- 33 Cramer, L. P. (2002) *Curr Biol* **12**, R417-9.
- 34 Krause, M., Bear, J. E., Loureiro, J. J. and Gertler, F. B. (2002) *Journal of Cell Science* **115**, 4721-6.
- 35 Nooren, N. M. A., Kaptein, R., Sauer, R. T. and Boelens, R. (1999) *Nature Structural Biology* **6**, 755-759
- 36 Bowman, G. D., Nodelman, I. M., Levy, O., Lin, S. L., Tian, P., Zamb, T. J., Udem, S. A., Venkataraghavan, B. and Schutt, C. E. (2000) *Journal of Molecular Biology* **304**, 861-871
- 37 Stetefeld, J., Jenny, M., Schulthess, T., Langwehr, R., Engel, J. and Kammerer, R. A. (2000) *Nature Structural Biology* **7**, 772-776
- 38 Combet, C., Blanchet, C., Geourjon, C. and Deleage, G. (2000) *Trends Biochem Sci* **25**, 147-50.
- 39 Lee, W., Harvey, T. S., Yin, Y., Yau, P., Litchfield, D. and Arrowsmith, C. H. (1994) *Nature Structural Biology* **1**, 877-90.
- 40 Dayie, K. T., Wagner, G. and Lefèvre, J.-F. (1996) *Annual Reviews of Physical Chemistry* **47**, 243-282
- 41 Holtzhauer, M. (1996) in *Methoden in der Proteinanalytik*, pp. 230-275, Springer Verlag
- 42 Choy, W. Y., Tollinger, M., Mueller, G. A. and Kay, L. E. (2001) *Journal of Biomolecular NMR* **21**, 31-40.
- 43 Yang, D., Venters, R. A., Mueller, G. A., Choy, W. Y. and Kay, L. E. (1999) *Journal of Biomolecular NMR* **14**, 333-343
- 44 Brunger, A. T., Adams, P. D., M.Clore, G., Delano, W. L., Gros, P., Grosse-Kunstleve, R. W., Siang, J.-S., Kuszewski, J., Nilges, M., Pannu, N. S., Read, R. J., Rice, L. M., Simonson, T. and Warren, G. L. (1998) *Acta Crystallographica Section D* **54**, 905-921
- 45 Dosset, P., Hus, J. C., Marion, D. and Blackledge, M. (2001) *Journal of Biomolecular NMR* **20**, 223-31.
- 46 Cornilescu, G., Delaglio, F. and Bax, A. (1999) *Journal of Biomolecular NMR* **13**, 289-302
- 47 Laskowski, R. A., Rullmann, J. A. C., MacArthur, M. W., Kaptein, R. and Thornton, J. M. (1996) *Journal of Biomolecular NMR* **8**, 477-486
- 48 Koradi, R., Billeter, M. and Wüthrich, K. (1996) *Journal of Molecular Graphics* **14**, 51

- 49 Crawford, A. W. and Beckerle, M. C. (1991) *Journal of Biological Chemistry* **266**, 5847-53.
- 50 Hüttelmaier, S., Mayboroda, O., Harbeck, B., Jarchau, T., Jockusch, B. M. and Rudiger, M. (1998) *Current Biology* **8**, 479-88.
- 51 Molony, L. and Burrige, K. (1985) *Journal of Cell Biochemistry* **29**, 31-6
- 52 Mourrain, P., Lasa, I., Gautreau, A., Gouin, E., Pugsley, A. and Cossart, P. (1997) *Proceedings of the National Academy of Sciences* **94**, 10034-9.
- 53 Ahern-Djamali, S. M., Comer, A. R., Bachmann, C., Kastenmeier, A. S., Reddy, S. K., Hua, P., Beckerle, M. C., Walter, U. and Hoffmann, F. M. (1998) *Molecular Biology of the Cell* **9**, 2157-2171
- 54 Vasioukhin, V., Bauer, C., Yin, M. and Fuchs, E. (2000) *Cell* **100**, 209-219
- 55 Comerford, K. M., Lawrence, D. W., Synnestvedt, K., Levi, B. P. and Colgan, S. P. (2002) *FASEB Journal* **16**, 583-5.
- 56 Schubert, M., Ball, L. J., Oschkinat, H. and Schmieder, P. (2000) *Journal of Biomolecular Nmr* **17**, 331-335
- 57 Gryk, M. R., Abseher, R., Simon, B., Nilges, M. and Oschkinat, H. (1998) *Journal of Molecular Biology* **280**, 879-96.
- 58 Herrmann, T., Güntert, P. and Wüthrich, K. (2002) *Journal of Molecular Biology* **319**, 209-227
- 59 Billeter, M., Neri, D., Otting, G., Qian, Y. Q. and Wüthrich, K. (1992) *Journal of Biomolecular NMR* **2**, 257-274
- 60 Cavanagh, J., Fairbrother, W. J., III, A. G. P. and Skelton, N. J. (1996) in *Protein NMR Spectroscopy*, pp. 545-548, Academic Press, San Diego
- 61 Pardi, A., Billeter, M. and Wuthrich, K. (1984) *Journal of Molecular Biology* **180**, 741-751
- 62 Ast, T., Heine, N., Germeroth, L., Schneider-Mergener, J. and Wenschuh, H. (1999) *Tetrahedron Letters* **40**, 4317-4318
- 63 Sambrook, J. and Russel, D. W. (2001) *Molecular Cloning - A Laboratory Manual*, Cold Spring Harbor Laboratory Press, New York
- 64 Schubert, M., Smalla, M., Schmieder, P. and Oschkinat, H. (1999) *Journal of Magnetic Resonance* **141**, 34-43
- 65 Schubert, M., Oschkinat, H. and Schmieder, P. (2001) *Journal of Magnetic Resonance* **153**, 186-192
- 66 Schubert, M., Oschkinat, H. and Schmieder, P. (2001) *Journal of Magnetic Resonance* **148**, 61-72
- 67 Kraulis, P. J. (1994) *Biochemistry* **33**, 3515-3531
- 68 Bax, A., Clore, M. and Gronenborn, A. (1990) *Journal of Magnetic Resonance* **88**, 425-431
- 69 Clore, M. and Gronenborn, A. (1991) *Prog. NMR Spectroscopy* **23**, 43-92
- 70 Ikura, M., Bax, A., Clore, M. and Gronenborn, A. (1990) *Journal of the American Chemical Society* **24**, 9020-9022
- 71 Grzesiek, S. and Bax, A. (1992) *Journal of Magnetic Resonance* **99**, 201-207
- 72 Grzesiek, S. and Bax, A. (1992) *Journal of the American Chemical Society* **114**, 6291-6293
- 73 Farrow, N. A., Zhang, O., Forman-Kay, J. D. and Kay, L. E. (1997) *Biochemistry* **36**, 2390-402.
- 74 Kraulis, P. J. (1989) *Journal of Magnetic Resonance* **24**, 627-633
- 75 Behlke, J. and Ristau, O. (1997) *Biochemistry* **36**, 5149-5156