

Development

Contents

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- Dutton, K. A., Pauliny, A., Lopes, S. S., Elworthy, S., Carney, T. J., Rauch, J., Geisler, R., Haffter, P. and Kelsh, R. N.** (2001). Zebrafish *colourless* encodes *sox10* and specifies non-ectomesenchymal neural crest fates. *Development* **128**, 4113-4125
- Dottori, M., Gross, M. K., Labosky, P. and Goulding, M.** (2001). The winged-helix transcription factor Foxd3 suppresses interneuron differentiation and promotes neural crest cell fate. *Development* **128**, 4127-4138
- Waskiewicz, A. J., Rikhof, H. A., Hernandez, R. E. and Moens, C. B.** (2001). Zebrafish Meis functions to stabilize Pbx proteins and regulate hindbrain patterning. *Development* **128**, 4139-4151
- Shinya, M., Koshida, S., Sawada, A., Kuroiwa, A. and Takeda, H.** (2001). Fgf signalling through MAPK cascade is required for development of the subpallial telencephalon in zebrafish embryos. *Development* **128**, 4153-4164
- Belting, H.-G., Hauptmann, G., Meyer, D., Abdelilah-Seyfried, S., Chitnis, A., Eschbach, C., Söll, I., Thisse, C., Thisse, B., Artinger, K. B., Lunde, K. and Driever, W.** (2001). *spiel ohne grenzen/pou2* is required during establishment of the zebrafish midbrain-hindbrain boundary organizer. *Development* **128**, 4165-4176
- Stadler, H. S., Higgins, K. M. and Capecchi, M. R.** (2001). Loss of *Eph-receptor* expression correlates with loss of cell adhesion and chondrogenic capacity in *Hoxa13* mutant limbs. *Development* **128**, 4177-4188
- Kiecker, C. and Niehrs, C.** (2001). A morphogen gradient of Wnt/β-catenin signalling regulates anteroposterior neural patterning in *Xenopus*. *Development* **128**, 4189-4201
- Caric, D., Raphael, H., Viti, J., Feathers, A., Wancio, D. and Lillien, L.** (2001). EGFRs mediate chemotactic migration in the developing telencephalon. *Development* **128**, 4203-4216
- Kaartinen, V., Gonzalez-Gomez, I., Voncken, J. W., Haataja, L., Faure, E., Nagy, A., Groffen, J. and Heisterkamp, N.** (2001). Abnormal function of astroglia lacking *Abr* and *Bcr* RacGAPs. *Development* **128**, 4217-4227
- Strünkelberg, M., Bonengel, B., Moda, L. M., Hertenstein, A., de Couet, H. G., Ramos, R. G. P. and Fischbach, K.-F.** (2001). *rst* and its parologue *kirre* act redundantly during embryonic muscle development in *Drosophila*. *Development* **128**, 4229-4239
- Haraguchi, R., Mo, R., Hui, C.-c., Motoyama, J., Makino, S., Shiroishi, T., Gaffield, W. and Yamada, G.** (2001). Unique functions of Sonic hedgehog signaling during external genitalia development. *Development* **128**, 4241-4250
- Artero, R. D., Castanon, I. and Baylies, M. K.** (2001). The immunoglobulin-like protein Hibris functions as a dose-dependent regulator of myoblast fusion and is differentially controlled by Ras and Notch signaling. *Development* **128**, 4251-4264
- Dworak, H. A., Charles, M. A., Pellerano, L. B. and Sink, H.** (2001). Characterization of *Drosophila hibris*, a gene related to human nephrin. *Development* **128**, 4265-4276
- Peng, Z., Serino, G. and Deng, X.-W.** (2001). A role of *Arabidopsis* COP9 signalosome in multifaceted developmental processes revealed by the characterization of its subunit 3. *Development* **128**, 4277-4288
- Weijers, D., Franke-van Dijk, M., Vencken, R.-J., Quint, A., Hooykaas, P. and Offringa, R.** (2001). An *Arabidopsis* Minute-like phenotype caused by a semi-dominant mutation in a *RIBOSOMAL PROTEIN S5* gene. *Development* **128**, 4289-4299
- Gomes, J.-E., Encalada, S. E., Swan, K. A., Shelton, C. A., Carter, J. C. and Bowerman, B.** (2001). The maternal gene *spn-4* encodes a predicted RRM protein required for mitotic spindle orientation and cell fate patterning in early *C. elegans* embryos. *Development* **128**, 4301-4314
- Coppola, V., Kucera, J., Palko, M. E., Martinez-De Velasco, J., Lyons, W. E., Fritzsch, B. and Tessarollo, L.** (2001). Dissection of NT3 functions in vivo by gene replacement strategy. *Development* **128**, 4315-4327
- Fisher, C. E., Michael, L., Barnett, M. W. and Davies, J. A.** (2001). Erk MAP kinase regulates branching morphogenesis in the developing mouse kidney. *Development* **128**, 4329-4338
- Cai, H. N., Zhang, Z., Adams, J. R. and Shen, P.** (2001). Genomic context modulates insulator activity through promoter competition. *Development* **128**, 4339-4347
- Boxem, M. and van den Heuvel, S.** (2001). *lin-35 Rb* and *cki-1* Cip/Kip cooperate in developmental regulation of G1 progression in *C. elegans*. *Development* **128**, 4349-4359
- Apidianakis, Y., Grbavec, D., Stifani, S. and Delidakis, C.** (2001). Groucho mediates a Ci-independent mechanism of *hedgehog* repression in the anterior wing pouch. *Development* **128**, 4361-4370
- Schindelholz, B., Knirr, M., Warrior, R. and Zinn, K.** (2001). Regulation of CNS and motor axon guidance in *Drosophila* by the receptor tyrosine phosphatase DPTP52F. *Development* **128**, 4371-4382
- Corellou, F., Brownlee, C., Kloareg, B. and Bouget, F.-Y.** (2001). Cell cycle-dependent control of polarised development by a cyclin-dependent kinase-like protein in the *Fucus* zygote. *Development* **128**, 4383-4392