

Development

Contents

Volume 129 (21) 2002

RESEARCH ARTICLES

Chen, H.-H., Yip, J. W., Stewart, A. F. R. and Frank, E.
Differential expression of a transcription regulatory factor, the LIM domain only 4 protein Lmo4, in muscle sensory neurons

4879-4889



Kumaravelu, P., Hook, L., Morrison, A. M., Ure, J., Zhao, S., Zuyev, S., Ansell, J. and Medvinsky, A.
Quantitative developmental anatomy of definitive haematopoietic stem cells/long-term repopulating units (HSC/RUs): role of the aorta-gonad-mesonephros (AGM) region and the yolk sac in colonisation of the mouse embryonic liver.

Poulain, M. and Lepage, T.

Mezzo, a *paired-like* homeobox protein is an immediate target of Nodal signalling and regulates endoderm specification in zebrafish

Hogga, I. and Karch, F.

Transcription through the *iab-7 cis*-regulatory domain of the bithorax complex interferes with maintenance of Polycomb-mediated silencing

Bender, W. and Fitzgerald, D. P.

Transcription activates repressed domains in the *Drosophila* bithorax complex

Andrioli, L. P. M., Vasisht, V., Theodosopoulou, E., Oberstein, A. and Small, S.

Anterior repression of a *Drosophila* stripe enhancer requires three position-specific mechanisms

Englund, C., Steneberg, P., Falileeva, L., Xylourgidis, N. and Samakovlis, C.

Attractive and repulsive functions of Slit are mediated by different receptors in the *Drosophila* trachea

Meulemans, D. and Bronner-Fraser, M.

Amphioxus and lamprey AP-2 genes: implications for neural crest evolution and migration patterns

Rallu, M., Machold, R., Gaiano, N., Corbin, J. G., McMahon, A. P. and Fishell, G.

Dorsorostral patterning is established in the telencephalon of mutants lacking both Gli3 and Hedgehog signaling

Anderson, R. M., Lawrence, A. R., Stottmann, R. W., Bachiller, D. and Klingensmith, J.

Chordin and noggin promote organizing centers of forebrain development in the mouse

Wang, J., Tokarz, R. and Savage-Dunn, C.

The expression of TGF β signal transducers in the hypodermis regulates body size in *C. elegans*

Spike, C. A., Davies, A. G., Shaw, J. E. and Herman, R. K.

MEC-8 regulates alternative splicing of *unc-52* transcripts in *C. elegans* hypodermal cells

4891-4899



Lamitina, S. T. and L'Hernault, S. W.

Dominant mutations in the *Caenorhabditis elegans* *Myt1* ortholog *wee-1.3* reveal a novel domain that controls M-phase entry during spermatogenesis

5009-5018

Lovato, T. L., Nguyen, T. P., Molina, M. R. and Cripps, R. M.

The Hox gene *abdominal-A* specifies heart cell fate in the *Drosophila* dorsal vessel

5019-5027

Yun, K., Fischman, S., Johnson, J., Hrabe de Angelis, M., Weinmaster, G. and Rubenstein, J. L. R.

Modulation of the notch signaling by *Mash1* and *Dlx1/2* regulates sequential specification and differentiation of progenitor cell types in the subcortical telencephalon

5029-5040

Jones, L., López-Bendito, G., Gruss, P., Stoykova, A. and Molnár, Z.

Pax6 is required for the normal development of the forebrain axonal connections

5041-5052

Doronkin, S., Djagaeva, I. and Beckendorf, S. K.

CSN5/Jab1 mutations affect axis formation in the *Drosophila* oocyte by activating a meiotic checkpoint

5053-5064

DEVELOPMENT AND DISEASE

4923-4930

Yan, Y.-L., Miller, C. T., Nissen, R., Singer, A., Liu, D., Kirn, A., Draper, B., Willoughby, J., Morcos, P. A., Amsterdam, A., Chung, B.-c., Westerfield, M., Haffter, P., Hopkins, N., Kimmel, C. and Postlethwait, J. H.

5065-5079

4931-4940

A zebrafish *sox9* gene required for cartilage morphogenesis

Liu, C., Liu, W., Palie, J., Lu, M. F., Brown, N. A. and Martin, J. F.

Pitx2c patterns anterior myocardium and aortic arch vessels and is required for local cell movement into atrioventricular cushions

5081-5091

4941-4951

Szeto, D. P., Griffin, K. J. P. and Kimelman, D.

hrT is required for cardiovascular development in zebrafish

5093-5101

4963-4974

4975-4987

4989-4998

4999-5008



Movies available on-line