

Development

Contents

Volume 129 (17) 2002

RESEARCH ARTICLES

Aida, M., Vernoux, T., Furutani, M., Traas, J. and Tasaka, M.

Roles of *PIN-FORMED1* and *MONOPTEROS* in pattern formation of the apical region of the *Arabidopsis* embryo

3965-3974

Jacquet, Y., Delattre, M., Spierer, A. and Spierer, P.
Functional dissection of the *Drosophila* modifier of variegation *Su(var)3-7*

3975-3982

Dumstrei, K., Wang, F., Shy, D., Tepass, U. and Hartenstein, V.

Interaction between EGFR signaling and DE-cadherin during nervous system morphogenesis

3983-3994

del Álamo Rodríguez, D., Terriente, J., Galindo, M. I., Couso, J. P. and Díaz-Benjumea, F. J.

Different mechanisms initiate and maintain *wingless* expression in the *Drosophila* wing hinge

3995-4004

Chern, J. J. and Choi, K.-W.

Lobe mediates Notch signaling to control domain-specific growth in the *Drosophila* eye disc

4005-4013

Houston, D. W., Kofron, M., Resnik, E., Langland, R., Destree, O., Wylie, C. and Heasman, J.

Repression of organizer genes in dorsal and ventral *Xenopus* cells mediated by maternal XTcf3

4015-4025

Xanthos, J. B., Kofron, M., Tao, Q., Schaible, K., Wylie, C. and Heasman, J.

The roles of three signaling pathways in the formation and function of the Spemann Organizer

4027-4043

Nemer, G. and Nemer, M.

Cooperative interaction between GATA5 and NF-ATc regulates endothelial-endocardial differentiation of cardiogenic cells

4045-4055

Carl, M., Loosli, F. and Wittbrodt, J.

Six3 inactivation reveals its essential role for the formation and patterning of the vertebrate eye

4057-4063

Foucher, I., Volovitch, M., Frain, M., Kim, J. J., Souberbielle, J.-C., Gan, L., Unterman, T. G., Prochiantz, A. and Trembleau, A.

Hoxa5 overexpression correlates with IGFBP1 upregulation and postnatal dwarfism: evidence for an interaction between Hoxa5 and Forkhead box transcription factors

4065-4074

Aubin, J., Déry, U., Lemieux, M., Chailler, P. and Jeannotte, L.

Stomach regional specification requires *Hoxa5*-driven mesenchymal-epithelial signaling

4075-4087

Belenkaya, T. Y., Han, C., Standley, H. J., Lin, X., Houston, D. W., Heasman, J. and Lin, X.

pygopus encodes a nuclear protein essential for Wingless/Wnt signaling

4089-4101

Oldham, S., Stocker, H., Laffargue, M., Wittwer, F., Wymann, M. and Hafen, E.

The *Drosophila* insulin/IGF receptor controls growth and size by modulating PtdInsP₃ levels

4103-4109

Besse, F., Busson, D. and Pret, A.-M.

Fused-dependent Hedgehog signal transduction is required for somatic cell differentiation during *Drosophila* egg chamber formation

4111-4124

Wang, X., Wang, H., Matsumoto, H., Roy, S. K., Das, S. K. and Paria, B. C.

Dual source and target of heparin-binding EGF-like growth factor during the onset of implantation in the hamster

4125-4134

DEVELOPMENT AND DISEASE

Zhang, Z., Song, Y., Zhao, X., Zhang, X., Fermin, C. and Chen, Y.

Rescue of cleft palate in *Msx1*-deficient mice by transgenic *Bmp4* reveals a network of BMP and Shh signaling in the regulation of mammalian palatogenesis

4135-4146

Oberlin, E., Tavian, M., Blazsek, I. and Péault, B.

Blood-forming potential of vascular endothelium in the human embryo

4147-4157

Li, G., Robinson, G. W., Lesche, R., Martinez-Diaz, H., Jiang, Z., Rozengurt, N., Wagner, K.-U., Wu, D.-C., Lane, T. F., Liu, X., Hennighausen, L. and Wu, H.

Conditional loss of PTEN leads to precocious development and neoplasia in the mammary gland

4159-4170