

Name Robin E. Denell

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Selected Publications

- Tomoyasu, Y., Y. Arkane, K.J. Kramer, and R.E. Denell. 2009. Repeated co-options of exoskeleton formation during wing-to-elytron evolution in beetles. *Current Biology* 19: 2057-2065.
- Denell, R. 2008. Establishment of *Tribolium* as a genetic model system and its early contributions to evo-devo. *Genetics* 180: 1779-1786.
- Shippy, T.D., S.J. Yeager, and R.D. Denell. 2008. The *Tribolium* spineless ortholog specifies both larval and adult antennal identity. *Development, Genes & Evolution* 219: 45-51.
- Shippy, T.D., J. Guo, S.J. Brown, R.W. Beeman, M.D. Lorenzen, and R.E. Denell. 2000. Analysis of the *maxillopedia* expression pattern and larval cuticular phenotype in wild-type and mutant *Tribolium*. *Genetics* 155: 721-731.
- Shippy, T.D., S.J. Brown, and R.E. Denell. 2000. *maxillopedia* is the *Tribolium* ortholog of *proboscipedia*. *Evolution and Development* 2:145-151.
- Brown, S., M. DeCamillis, K. Gonzales, M. Denell, R. Beeman, W. Nie, and R.E. Denell. 2000. Implications of the *Tribolium Deformed* mutant phenotype for the evolution of Hox gene function. *PNAS* 97: 4510-4515.
- Brown, S.J., J. Fellers, T. Shippy, R. Denell, M. Stauber and U. Schmidt-Ott. 2001. A strategy for mapping *bicoid* on the phylogenetic tree. *Current Biology* 11: R43-4.
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- Brown S.J, J.P. Fellers, T.D. Shippy, E.A. Richardson, M. Maxwell, J.J. Stuart, and R. E. Denell. 2002. Sequence of the *Tribolium castaneum* homeotic complex: the region corresponding to the *Drosophila melanogaster* Antennapedia complex. *Genetics* 160: 1067-1074.
- Brown, S.J., T.D. Shippy, R.W. Beeman, and R.E. Denell. 2002. *Tribolium* Hox genes repress antennal development in the gnathos and trunk. *Molecular Phylogenetics and Evolution* 24: 384-387.

- Brown, S.J., R.E. Denell and R.W. Beeman, 2003 Beetling around the genome. *Genetical Research* **82**: 155-161.
- Tomoyasu, Y. and R.E. Denell. 2004 Larval RNAi in *Tribolium* (Coleoptera) for analyzing adult development. *Dev. Genes Evol.* 214: 575-578.
- Tomoyasu, Y., S.R. Wheeler, and R.E. Denell. 2005 *Ultrabithorax* is required for membranous wing identity in the beetle *Tribolium castaneum*. *Nature* 433: 643-647.
- Shippy T.D., C.D. Rogers, R.W. Beeman, S. J. Brown, and R.E. Denell. 2006 The *Tribolium castaneum* Ortholog of Sex combs reduced Controls Dorsal Ridge Development. *Genetics* 174: 297-307.
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- Shippy, T.S., Yeager, S.J., and Denell, R.E., 200- The *Tribolium* spineless ortholog specifies both larval and adult antennal identity. *Development, Genes & Evolution* (in press).
- Denell, R.E., 200- Establishment of *Tribolium* as a genetic model system and its early contributions to evo-devo. *Genetics* (accepted subject to minor revision).