

Selected papers

The transgenic facility maintains a high quality and efficient service which has resulted in many publications.

Please find below recent examples of papers which could not have been published without the help of the transgenic service.

- Nanog safeguards pluripotency and mediates germline development. Chambers I, Silva J, Colby D, Nichols J, Nijmeijer B, Robertson M, Vrana J, Jones K, Grotewold L, Smith A. *Nature*. 2007 Dec 20. 450(7173):1230-4.
- Virus-free induction of pluripotency and subsequent excision of reprogramming factors. Kaji K, Norrby K, Paca A, Mileikovsky M, Mohseni P, Woltjen K. *Nature*. 2009 Apr 9. 458(7239):771-5. Epub 2009 Mar 1.
- Restoration of Runx1 expression in the Tie2 cell compartment rescues definitive hematopoietic stem cells and extends life of Runx1 knockout animals until birth. Liakhovitskaia A, Gribi R, Stamateris E, Villain G, Jaffredo T, Wilkie R, Gilchrist D, Yang J, Ure J, Medvinsky A. *Stem Cells*. 2009 July 27(7). 616-24.
- Capture of authentic embryonic stem cells from rat blastocysts. Buehr M, Meek S, Blair K, Yang J, Ure J, Silva J, McLay R, Hall J, Ying QL, Smith A. *Cell*. 2008 Dec 26. 135(7):1287-98.
- Transgenic tools for analysis of the haematopoietic system: knock-in CD45 reporter and deleter mice. Yang J, Hills D, Taylor E, Pfeffer K, Ure J, Medvinsky A. *J Immunol Methods*. 2008 Sep 15. 337(2):81-7. Epub 2008 Jul 9.
- Manipulating the mouse genome to engineer precise functional syntenic replacements with human sequence. Wallace HA, Marques-Kranc F, Richardson M, Luna-Crespo F, Sharpe JA, Hughes J, Wood WG, Higgs DR, Smith AJ. *Cell*. 2007 Jan 12. 128(1):197-209.