

*List of publications having used WDIS strains from the Montpellier repository*  
Liste des publications des 15 dernières années ayant fait appel aux souris du CGSS

1. Ivantcheva A, Cassaing J. **1996**. Differences of the behaviour and sexual isolation of the east-European mice *Mus macedonicus* and *Mus musculus musculus*. *Mammalia* 60:335-349.
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5. Hwang J, Hofstetter J, Bonhomme F, Karn R. **1997**. The microevolution of mouse salivary androgen-binding protein ABP paralleled subspeciation of *Mus musculus*. *Heredity* 88: 93-97.
6. Gouat, P., B. Patris and C. Lalande, **1998** Conspecific and heterospecific behavioural discrimination of individual odours by mound-building mice. *Comptes Rendus De L Academie Des Sciences Serie Iii-Sciences De La Vie-Life Sciences* 321: 571-575.
7. Qi C-F, Bonhomme F, Buckler-White A, Bucler C, Orth A, Lander MR, Chattopadhyay SK, Morse HCI. **1998**. Molecular phylogeny of *FvI*. *Mammalian Genome* 9: 1049-1055.
8. Bishop, T. R., M. W. Miller, A. Wang and P. M. Dierks. **1998**. Multiple copies of the ALA-D gene are located at the Lv locus in *Mus domesticus* mice. *Genomics* 48: 221-231.
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10. Bénit L, Lallemand J-B, Casella J-F, Philippe H, Heidmann T. **1999**. ERV-L Elements: a family of endogenous retrovirus-like elements active throughout the evolution of mammals. *Journal of Virology* 73: 3301-3308.
11. Ivantcheva A, Cassaing J. **1999**. Male-female interactions and socio-sexual isolation of *Mus spicilegus* toward two other species of east-European mice, *M-macedonicus* and *M-m. musculus*. *Comptes Rendus Acad Sci Ser III-Sci Vie-Life Sci* 322:597-605.
12. Debat V, Alibert P, David P, Paradis E, Auffray JC. **2000**. Independence between developmental stability and canalization in the skull of the house mouse. *Proc R Soc Lond Ser B-Biol Sci* 267:423-430.
13. Talley HM, Laukaitis CM, Karn RC. **2001**. Female preference for male saliva: Implications for sexual isolation of *Mus musculus* subspecies. *Evolution* 55: 631-634.
14. Mears ML, Hutchison CA. **2001**. The evolution of modern lineages of mouse L1 elements. *Journal of Molecular Evolution* 52: 51-62.
15. Enard W, Khaitovich P, Klose J, Zollner S, Heissig F, Giavalisco P, Nieselt-Struwe K, Muchmore E, Varki A, Ravid R, Doxiadis GM, Bontrop RE, Paabo S. **2002**. Intra- and interspecific variation in primate gene expression patterns. *Science* 296: 340-343.
16. Patris, B., P. Gouat, C. Jacquot, N. Christophe and C. Baudoin, **2002** Agonistic and sociable Behaviors in the mound-building mice, *Mus spicilegus*: A comparative study with *Mus musculus domesticus*. *Aggressive Behavior* 28: 75-84.
17. Campino S, Behrschmidt C, Bagot S, Guénet J-L, Cazenave P-A, Holmberg D, Penha-Gonçalves C. **2002**. Unique Genetic Variation Revealed by a Microsatellite Polymorphism Survey in Ten Wild-Derived Inbred Strains. *Genomics* 79:618-620.
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20. Montoya-Burgos JI, Boursot P, Galtier N. **2003**. Recombination explains isochores in mammalian genomes. *Trends Genet*, 19:128-130.

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22. Shi W, Lefebvre L, Yu Y, Otto S, Krella A, Orth A, Fundele R: **2004**. Loss-of-imprinting of *Peg1* in mouse interspecies hybrids is correlated with altered growth. *Genesis*, 391:65-72.
23. Capparelli R, Costabile A, Viscardi M, Iannelli D. **2004**. Monoallelic expression of mouse *Cd4* gene. *Mammalian Genome* 15: 579-584.
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27. Djian, P. and B. Delhomme. **2005**. Systematic repeat addition at a precise location in the coding region of the involucrin gene of wild mice reveals their phylogeny. *Genetics* 169: 2199-2208.
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29. Britton-Davidian J, Fel-Clair F, Lopez J, Alibert P, and Boursot P. **2005**. Postzygotic isolation between the two European subspecies of the house mouse: estimates from fertility patterns in wild and laboratory-bred hybrids. *Biological Journal of the Linnean Society* 84: 379-393.
30. Ganem G, Britton-Davidian J, Ostrowski M-F, and Orth A. **2005**. Assessment of mate preference in the house mouse with reference to investigations on assortative mating. *Biological Journal of the Linnean Society* 84: 461-471.
31. Desmarais E, Belkhir K, Garza JC, Bonhomme F. **2006**. Local mutagenic impact of insertions of LTR retrotransposons on the mouse genome. *Journal of Molecular Evolution* 63: 662-675.
32. Gomendio, M., J. Martin-Coello, C. Crespo, C.n. Magana, and E.R.S. Roldan. **2006**. Sperm competition enhances functional capacity of mammalian spermatozoa. *Proceedings of the National Academy of Sciences* 103: 15113-15117.
33. Veyrunes F, Dobigny G, Yang F, O'Brien PCM, Catalan J, Robinson TJ, Britton-Davidian J **2006**: Phylogenomics of the genus *Mus* Rodentia; Muridae: extensive genome repatterning is not restricted to the house mouse. *Proc R Soc B-Biol Sci* 273:2925-2934.
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36. Limaye N, Belobrajdic K, Bonhomme F, Edwards S, Wakeland E. **2007**. Prevalence and Evolutionary Origins of Autoimmune Susceptibility Alleles in Natural Mouse Populations. *Genes and Immunity* 9: 61-68.
37. de Bellocq, J., A. Porcherie, and C. Moulia. **2007**. Immunocompetence does not correlate with resistance to helminth parasites in house mouse subspecies and their hybrids. *Parasitology research* 100: 321-328
38. Cassaing J, Isaac F **2007**: Pair bonding in the wild mouse *Mus spretus*: inference on the mating system. *C R Biologies* 330:828-836.
39. Voolstra, C., D. Tautz, P. Farbrother, L. Eichinger, and B. Harr. **2007**. Contrasting evolution of expression differences in the testis between species and subspecies of the house mouse. *Genome Research* 17: 42-49.
40. Ferguson, W., S. Dvora, J. Gallo, A. Orth, and S. Boissinot. **2008**. Long-term balancing selection at the West Nile virus resistance gene, *Oas1b*, maintains transspecific polymorphisms in the house mouse. *Molecular Biology and Evolution*. 25: 1609-1618.
41. Houzelstein D, Gonçalves I, Orth A, Bonhomme F, Netter P. **2008** *Lgals6*, a two million years old gene in mice: a case of positive Darwinian selection and presence/absence polymorphism. DOI: 1534/genetics.107.082792 *Genetics* 178: 1533–1545

42. Martín-Coello, J., R. González, C. Crespo, M. Gomendio, and E.R.S. Roldan. **2008**. Superovulation and in vitro oocyte maturation in three species of mice *Mus musculus*, *Mus spretus* and *Mus spicilegus*. *Theriogenology* 70: 1004-1013.
43. Smadja C, Ganem G. **2008**: Divergence of odorant signals within and between the two European subspecies of the house mouse. *Behav Ecol* 19:223-230.
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47. Thiriot, A., A. Drapiera, S. Mémet, C. Fitting, A. Sturny-Leclereb, J. Cavaillon, P.-A. Cazenave, A. Antonio A. Freitas, and D. Rueff-Juy. **2009**. Wild-derived mouse strains, a valuable model to study B cell responses. *Molecular Immunology* 46: 601-612.
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54. Yang HN, Wang JR, Didion JP, Buus RJ, Bell TA, Welsh CE, et al. **2011**. Subspecific origin and haplotype diversity in the laboratory mouse. *Nature Genetics* 43:648-U173.
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56. Cazaux B ; Catalan J; Veyrunes F; et al Are ribosomal DNA clusters rearrangement hotspots? **2011**. A case study in the genus *Mus* Rodentia, Muridae. *BMC Evolutionary Biology* ,11
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