

# 2001 Peer-Reviewed Publications

Resulting from AKC Canine Health Foundation research grants



CHF Grant ID	APA Citation	Institution; Principal Investigator
0001608B	Breen, M. (2001). Chromosome-Specific Single-Locus FISH Probes Allow Anchorage of an 1800-Marker Integrated Radiation-Hybrid/Linkage Map of the Domestic Dog Genome to All Chromosomes. <i>Genome Research</i> , 11(10), 1784–1795. <a href="https://doi.org/10.1101/gr.189401">https://doi.org/10.1101/gr.189401</a>	Fred Hutchinson Cancer Research Center; Ostrander
0001808B	Christophe-Hobertus, C., Szpirer, C., Guyon, R., & Christophe, D. (2001). Identification of the gene encoding Brain Cell Membrane Protein 1 (BCMP1), a putative four-transmembrane protein distantly related to the Peripheral Myelin Protein 22 / Epithelial Membrane Proteins and the Claudins. <i>BMC Genomics</i> , 2(3). <a href="https://dx.doi.org/10.1186%2F1471-2164-2-3">https://dx.doi.org/10.1186%2F1471-2164-2-3</a>	CNRS - University of Rennes; Galibert
0001815	Credille, K. M., Venta, P. J., Breen, M., Lowe, J. K., Murphy, K. E., Ostrander, E. A., ... Dunstan, R. W. (2001). DNA sequence and physical mapping of the canine transglutaminase 1 gene. <i>Cytogenetic and Genome Research</i> , 93(1–2), 73–76. <a href="https://doi.org/10.1159/000056952">https://doi.org/10.1159/000056952</a>	Texas A&M University; Credille
0001415	Hammerberg, B., Olivry, T., & Orton, S. M. (2001). Skin mast cell histamine release following stem cell factor and high-affinity immunoglobulin E receptor cross-linking in dogs with atopic dermatitis. <i>Veterinary Dermatology</i> , 12(6), 339–346. <a href="https://doi.org/10.1046/j.0959-4493.2001.00273.x">https://doi.org/10.1046/j.0959-4493.2001.00273.x</a>	North Carolina State University; Hammerberg
0001270	Kashtan, C. E., Kim, Y., Lees, G. E., Thorner, P. S., Virtanen, I., & Miner, J. H. (2001). Abnormal Glomerular Basement Membrane Laminins in Murine, Canine, and Human Alport Syndrome. <i>Journal of the American Society of Nephrology</i> , 12(2), 252–260. <a href="https://www.ncbi.nlm.nih.gov/pubmed/11158215">https://www.ncbi.nlm.nih.gov/pubmed/11158215</a>	Texas A&M University; Lees
0001626T	Koenig, A., Wojcieszyn, J., Weeks, B. R., & Modiano, J. F. (2001). Expression of S100a, Vimentin, NSE, and Melan A/MART-1 in Seven Canine Melanoma Cell Lines and Twenty-nine Retrospective Cases of Canine Melanoma. <i>Veterinary Pathology</i> , 38(4), 427–435. <a href="https://doi.org/10.1354/vp.38-4-427">https://doi.org/10.1354/vp.38-4-427</a>	University of Colorado; Modiano
0001660	Lingaas, F., Aarskaug, T., Gerlach, J. A., Juneja, R. K., Fredholm, M., Sampson, J., ... Dolf, G. (2001). A canine linkage map: 39 linkage groups. <i>Journal of Animal Breeding and Genetics</i> , 118(1), 3–19. <a href="https://doi.org/10.1111/j.1439-0388.2001.00270.x">https://doi.org/10.1111/j.1439-0388.2001.00270.x</a>	Michigan State University; Gerlach

0001428	<p>Meurs, K. M., Magnon, A. L., Spier, A. W., Miller, M. W., Lehmkuhl, L. B., &amp; Towbin, J. A. (2001). Evaluation of the cardiac actin gene in Doberman Pinschers with dilated cardiomyopathy. <i>American Journal of Veterinary Research</i>, 62(1), 33–36.  <a href="https://doi.org/10.2460/ajvr.2001.62.33">https://doi.org/10.2460/ajvr.2001.62.33</a></p>	The Ohio State University; Meurs
0001428	<p>Meurs, K. M., Miller, M. W., &amp; Wright, N. A. (2001). Clinical features of dilated cardiomyopathy in Great Danes and results of a pedigree analysis: 17 cases (1990-2000). <i>Journal of the American Veterinary Medical Association</i>, 218(5), 729–732.  <a href="https://doi.org/10.2460/javma.2001.218.729">https://doi.org/10.2460/javma.2001.218.729</a></p>	The Ohio State University; Meurs
0001428	<p>Meurs, K. M., Spier, A. W., Wright, N. A., &amp; Hamlin, R. L. (2001). Comparison of in-hospital versus 24-hour ambulatory electrocardiography for detection of ventricular premature complexes in mature Boxers. <i>Journal of the American Veterinary Medical Association</i>, 218(2), 222–224.  <a href="https://doi.org/10.2460/javma.2001.218.222">https://doi.org/10.2460/javma.2001.218.222</a></p>	The Ohio State University; Meurs
0002002	<p>Meurs, K. M., Spier, A. W., Wright, N. A., &amp; Hamlin, R. L. (2001). Use of ambulatory electrocardiography for detection of ventricular premature complexes in healthy dogs. <i>Journal of the American Veterinary Medical Association</i>, 218(8), 1291–1292.  <a href="https://doi.org/10.2460/javma.2001.218.1291">https://doi.org/10.2460/javma.2001.218.1291</a></p>	The Ohio State University; Meurs
0001808A	<p>Miller, A. B., Lowe, J. K., Ostrander, E. A., Galibert, F., &amp; Murphy, K. E. (2001). Cloning, sequence analysis and radiation hybrid mapping of a mammalian KRT 2p gene. <i>Functional &amp; Integrative Genomics</i>, 1(5), 305–311. <a href="https://doi.org/10.1007/s101420100038">https://doi.org/10.1007/s101420100038</a></p>	Fred Hutchinson Cancer Research Center; Ostrander
0001268	<p>Parker, H. G., Yuhua, X., Mellersh, C. S., Khan, S., Shibuya, H., Johnson, G. S., &amp; Ostrander, E. A. (2001). Meiotic linkage mapping of 52 genes onto the canine map does not identify significant levels of microrearrangement. <i>Mammalian Genome</i>, 12(9), 713–718.  <a href="https://doi.org/10.1007/s00335-001-2057-3">https://doi.org/10.1007/s00335-001-2057-3</a></p>	Fred Hutchinson Cancer Research Center; Ostrander
0001268	<p>Richman, M., Mellersh, C. S., André, C., Galibert, F., &amp; Ostrander, E. A. (2001). Characterization of a minimal screening set of 172 microsatellite markers for genome-wide screens of the canine genome. <i>Journal of Biochemical and Biophysical Methods</i>, 47(1–2), 137–149. <a href="https://doi.org/10.1016/S0165-022X(00)00160-3">https://doi.org/10.1016/S0165-022X(00)00160-3</a></p>	Fred Hutchinson Cancer Research Center; Ostrander
0001268	<p>Sidjanin, D. J., Xue, F., McElwee, J., Johnson, J. L., Holmgren, C., Mellersh, C., ... Aguirre, G. D. (2001). Cloning of canine c-tubulin (TUBG1 ) cDNA and mapping to CFA9. <i>Animal Genetics</i>, 32, 316–331.</p>	Fred Hutchinson Cancer Research Center; Ostrander

- 0002038T** Thomas, R., Smith, K. C., Gould, R., Gower, S. M., Binns, M. M., & Breen, M. (2001). Molecular cytogenetic analysis of a novel high-grade canine T-lymphoblastic lymphoma demonstrating co-expression of CD3 and CD79a cell markers. *Chromosome Research*, 9, 649–657. <https://doi.org/10.1023/A:1012904307579>  
North Carolina State University; Breen
- 0001642** Zemke, D., Yamini, B., & Yuzbasiyan-Gurkan, V. (2001). Characterization of an Undifferentiated Malignancy as a Mast Cell Tumor Using Mutation Analysis in the Proto-Oncogene *c- KIT*. *Journal of Veterinary Diagnostic Investigation*, 13(4), 341–345. <https://doi.org/10.1177/104063870101300411>  
Michigan State University; Yuzbasiyan-Gurkan
- 0001268** Zhang, Q., Acland, G. M., Zangerl, B., Johnson, J. L., Mao, Z., Zeiss, C. J., ... Aguirre, G. D. (2001). Fine Mapping of Canine XLPRA Establishes Homology of the Human and Canine RP3 Intervals. *Investigative Ophthalmology & Visual Science*, 42(11), 2466-2471. <https://www.ncbi.nlm.nih.gov/pubmed/11581184>  
Fred Hutchinson Cancer Research Center; Ostrander