

# 2005 Peer-Reviewed Publications

Resulting from AKC Canine Health Foundation research grants



CHF Grant ID	APA Citation	Institution; Principal Investigator
0001656	Alroy, J., Rush, J. E., & Sarkar, S. (2005). Infantile dilated cardiomyopathy in Portuguese water dogs: Correlation of the autosomal recessive trait with low plasma taurine at infancy. <i>Amino Acids</i> , 28(1), 51–56. <a href="https://doi.org/10.1007/s00726-004-0149-6">https://doi.org/10.1007/s00726-004-0149-6</a>	Tufts University; Alroy
0001629	Angles, J. M., Famula, T. R., & Pedersen, N. C. (2005). Uveodermatologic (VKH-like) syndrome in American Akita dogs is associated with an increased frequency of DQA1*00201. <i>Tissue Antigens</i> , 66(6), 656–665. <a href="https://doi.org/10.1111/j.1399-0039.2005.00508.x">https://doi.org/10.1111/j.1399-0039.2005.00508.x</a>	University of California, Davis; Pedersen
0001432	Angles, J. M., Kennedy, L. J., & Pedersen, N. C. (2005). Frequency and distribution of alleles of canine MHC-II DLA-DQB1, DLA-DQA1 and DLA-DRB1 in 25 representative American Kennel Club breeds. <i>Tissue Antigens</i> , 66(3), 173–184. <a href="https://doi.org/10.1111/j.1399-0039.2005.00461.x">https://doi.org/10.1111/j.1399-0039.2005.00461.x</a>	University of California, Davis; Pedersen
0002032	Bannasch, D. L., Bannasch, M. J., Ryun, J. R., Famula, T. R., & Pedersen, N. C. (2005). Y chromosome haplotype analysis in purebred dogs. <i>Mammalian Genome</i> , 16(4), 273–280. <a href="https://doi.org/10.1007/s00335-004-2435-8">https://doi.org/10.1007/s00335-004-2435-8</a>	University of California, Davis; Bannasch
0002405	Barrett, J. G., Hao, Z., Graf, B. K., Kaplan, L. D., Heiner, J. P., & Muir, P. (2005). Inflammatory changes in ruptured canine cranial and human anterior cruciate ligaments. <i>American Journal of Veterinary Research</i> , 66(12), 2073–2080. <a href="https://doi.org/10.2460/ajvr.2005.66.2073">https://doi.org/10.2460/ajvr.2005.66.2073</a>	University of Wisconsin, Madison; Muir
0002002	Baumwart, R. D., & Meurs, K. M. (2005). Assessment of plasma brain natriuretic peptide concentration in Boxers with arrhythmogenic right ventricular cardiomyopathy. <i>American Journal of Veterinary Research</i> , 66(12), 2086–2089. <a href="https://doi.org/10.2460/ajvr.2005.66.2086">https://doi.org/10.2460/ajvr.2005.66.2086</a>	The Ohio State University; Meurs
0002002	Baumwart, R. D., Meurs, K. M., Atkins, C. E., Bonagura, J. D., DeFrancesco, T. C., Keene, B. W., ... Spier, A. W. (2005). Clinical, echocardiographic, and electrocardiographic abnormalities in Boxers with cardiomyopathy and left ventricular systolic dysfunction: 48 cases (1985–2003). <i>Journal of the American Veterinary Medical Association</i> , 226(7), 1102–1104. <a href="https://doi.org/10.2460/javma.2005.226.1102">https://doi.org/10.2460/javma.2005.226.1102</a>	The Ohio State University; Meurs

0002044	Bromel, C., Pollard, R. E., Kass, P. H., Samii, V. F., Davidson, A. P., & Nelson, R. W. (n.d.). <i>Ultrasonographic Evaluation of the Thyroid Gland in Healthy, Hypothyroid, and Euthyroid Golden Retrievers with Nonthyroidal Illness</i> . 8.	University of California, Davis; Nelson
0001870	Cargill, E. J., Famula, T. R., Schnabel, R. D., Strain, G. M., & Murphy, K. E. (2005). The color of a Dalmatian's spots: Linkage evidence to support the TYRP1 gene. <i>BMC Veterinary Research</i> , 1(1), 3. <a href="https://www.ncbi.nlm.nih.gov/pubmed/16045797">https://www.ncbi.nlm.nih.gov/pubmed/16045797</a>	Texas A&M University; Murphy
00294-A	Clark, L. A., Credille, K. M., Murphy, K. E., & Rees, C. A. (2005). Linkage of dermatomyositis in the Shetland Sheepdog to chromosome 35. <i>Veterinary Dermatology</i> , 16(6), 392–394. <a href="https://doi.org/10.1111/j.1365-3164.2005.00469.x">https://doi.org/10.1111/j.1365-3164.2005.00469.x</a>	Texas A&M University; Rees
00454	Clark, L. A., Wahl, J. M., Steiner, J. M., Zhou, W., Ji, W., Famula, T. R., ... Murphy, K. E. (2005). Linkage analysis and gene expression profile of pancreatic acinar atrophy in the German Shepherd Dog. <i>Mammalian Genome</i> , 16(12), 955–962. <a href="https://doi.org/10.1007/s00335-005-0076-1">https://doi.org/10.1007/s00335-005-0076-1</a>	Texas A&M University; Murphy
0002628	Culp, L. B., Skarda, R. T., & Muir III, W. W. (2005). Comparisons of the effects of acupuncture, electroacupuncture, and transcutaneous cranial electrical stimulation on the minimum alveolar concentration of isoflurane in dogs. <i>American Journal of Veterinary Research</i> , 66(8), 1364–1370. <a href="https://doi.org/10.2460/ajvr.2005.66.1364">https://doi.org/10.2460/ajvr.2005.66.1364</a>	The Ohio State University; Skarda
0001626	Dickerson, E. B., Thomas, R., Fosmire, S. P., Lamerato-Kozicki, A. R., Bianco, S. R., Wojcieszyn, J. W., ... Modiano, J. F. (2005). Mutations of Phosphatase and Tensin Homolog Deleted from Chromosome 10 in Canine Hemangiosarcoma. <i>Veterinary Pathology</i> , 42(5), 618–632. <a href="https://doi.org/10.1354/vp.42-5-618">https://doi.org/10.1354/vp.42-5-618</a>	Texas A&M University; Modiano
0002036	Evans, J., Katz, M. L., Levesque, D., Shelton, G. D., de Lahunta, A., & O'Brien, D. (2005). A Variant Form of Neuronal Ceroid Lipofuscinosis in American Bulldogs. <i>Journal of Veterinary Internal Medicine</i> , 19, 44–51. <a href="https://doi.org/10.1111/j.1939-1676.2005.tb02657.x">https://doi.org/10.1111/j.1939-1676.2005.tb02657.x</a>	University of Missouri, Columbia; Katz
0001808A	Hitte, C., Madeoy, J., Kirkness, E. F., Priat, C., Lorentzen, T. D., Senger, F., ... Galibert, F. (2005). Facilitating genome navigation: survey sequencing and dense radiation-hybrid gene mapping. <i>Nature Reviews Genetics</i> , 6(8), 643–648. <a href="https://doi.org/10.1038/nrg1658">https://doi.org/10.1038/nrg1658</a>	Fred Hutchinson Cancer Research Center; Ostrander

0001626	Jubala, C. M., Wojcieszyn, J. W., Valli, V. E. O., Getzy, D. M., Fosmire, S. P., Coffey, D., ... Modiano, J. F. (2005). CD20 Expression in Normal Canine B Cells and in Canine non-Hodgkin Lymphoma. <i>Veterinary Pathology</i> , 42(4), 468–476. <a href="https://doi.org/10.1354/vp.42-4-468">https://doi.org/10.1354/vp.42-4-468</a>	Texas A&M University; Modiano
0002036	Katz, M. L., Khan, S., Awano, T., Shahid, S. A., Siakotos, A. N., & Johnson, G. S. (2005). A mutation in the CLN8 gene in English Setter dogs with neuronal ceroid-lipofuscinosis. <i>Biochemical and Biophysical Research Communications</i> , 327(2), 541–547. <a href="https://doi.org/10.1016/j.bbrc.2004.12.038">https://doi.org/10.1016/j.bbrc.2004.12.038</a>	University of Missouri, Columbia; Katz
00198	Katz, M. L., Narfstrom, K., Johnson, G. S., & O'Brien, D. P. (2005). Assessment of retinal function and characterization of lysosomal storage body accumulation in the retinas and brains of Tibetan Terriers with ceroid-lipofuscinosis. <i>American Journal of Veterinary Research</i> , 66(1), 67–76. <a href="https://doi.org/10.2460/ajvr.2005.66.67">https://doi.org/10.2460/ajvr.2005.66.67</a>	University of Missouri, Columbia; Katz
0001268	Lindblad-Toh, K., Wade, C. M., Mikkelsen, T. S., Karlsson, E. K., Jaffe, D. B., Kamal, M., ... Broad Sequencing Platform members. (2005). Genome sequence, comparative analysis and haplotype structure of the domestic dog. <i>Nature</i> , 438(7069), 803–819. <a href="https://doi.org/10.1038/nature04338">https://doi.org/10.1038/nature04338</a>	Fred Hutchinson Cancer Research Center; Ostrander
0001626	Modiano, J. F., Breen, M., Burnett, R. C., Parker, H. G., Inusah, S., Thomas, R., ... Avery, A. C. (2005). Distinct B-Cell and T-Cell Lymphoproliferative Disease Prevalence among Dog Breeds Indicates Heritable Risk. <i>Cancer Research</i> , 65(13), 5654–5661. <a href="https://doi.org/10.1158/0008-5472.CAN-04-4613">https://doi.org/10.1158/0008-5472.CAN-04-4613</a>	Texas A&M University; Modiano
0002405	Muir, P., Danova, N. A., Argyle, D. J., Manley, P. A., & Hao, Z. (2005). Collagenolytic Protease Expression in Cranial Cruciate Ligament and Stifle Synovial Fluid in Dogs with Cranial Cruciate Ligament Rupture. <i>Veterinary Surgery</i> , 34(5), 482–490. <a href="https://doi.org/10.1111/j.1532-950X.2005.00073.x">https://doi.org/10.1111/j.1532-950X.2005.00073.x</a>	University of Wisconsin, Madison; Muir
0002405	Muir, P., Schamberger, G. M., Manley, P. A., & Hao, Z. (2005). Localization of Cathepsin K and Tartrate-Resistant Acid Phosphatase in Synovium and Cranial Cruciate Ligament in Dogs with Cruciate Disease. <i>Veterinary Surgery</i> , 34(3), 239–246. <a href="https://doi.org/10.1111/j.1532-950X.2005.00036.x">https://doi.org/10.1111/j.1532-950X.2005.00036.x</a>	University of Wisconsin, Madison; Muir
0001808A	Murphy, W. J. (2005). Dynamics of Mammalian Chromosome Evolution Inferred from Multispecies Comparative Maps. <i>Science</i> , 309(5734), 613–617. <a href="https://doi.org/10.1126/science.1111387">https://doi.org/10.1126/science.1111387</a>	Fred Hutchinson Cancer Research Center; Ostrander

0001845	O'Brien, D. P. (2005). Genetic Mapping of Canine Multiple System Degeneration and Ectodermal Dysplasia Loci. <i>Journal of Heredity</i> , 96(7), 727–734. <a href="https://doi.org/10.1093/jhered/esi086">https://doi.org/10.1093/jhered/esi086</a>	University of Missouri, Columbia; Johnson
0001729	Patterson, E. E., Armstrong, P. J., O'Brien, D. P., Roberts, M. C., Johnson, G. S., & Mickelson, J. R. (2005). Clinical description and mode of inheritance of idiopathic epilepsy in English Springer Spaniels. <i>Journal of the American Veterinary Medical Association</i> , 226(1), 54–58. <a href="https://doi.org/10.2460/javma.2005.226.54">https://doi.org/10.2460/javma.2005.226.54</a>	University of Minnesota; Mickelson
0002105	Raghavan, M., Knapp, D. W., Bonney, P. L., Dawson, M. H., & Glickman, L. T. (2005). Evaluation of the effect of dietary vegetable consumption on reducing risk of transitional cell carcinoma of the urinary bladder in Scottish Terriers. <i>Journal of the American Veterinary Medical Association</i> , 227(1), 94–100. <a href="https://doi.org/10.2460/javma.2005.227.94">https://doi.org/10.2460/javma.2005.227.94</a>	Purdue University; Knapp
0002631	Schatzberg, S. J., Haley, N. J., Barr, S. C., de Lahunta, A., & Sharp, N. J. H. (2005). Polymerase chain reaction screening for DNA viruses in paraffin-embedded brains from dogs with necrotizing meningoencephalitis, necrotizing leukoencephalitis, and granulomatous meningoencephalitis. <i>Journal of Veterinary Internal Medicine</i> , 19(4), 553–559. <a href="https://doi.org/10.1111/j.1939-1676.2005.tb02726.x">https://doi.org/10.1111/j.1939-1676.2005.tb02726.x</a>	Cornell University; Barr
0001268	Seddon, J. M., Parker, H. G., Ostrander, E. A., & Ellegren, H. (2005). SNPs in ecological and conservation studies: a test in the Scandinavian wolf population. <i>Molecular Ecology</i> , 14(2), 503–511. <a href="https://doi.org/10.1111/j.1365-294X.2005.02435.x">https://doi.org/10.1111/j.1365-294X.2005.02435.x</a>	Fred Hutchinson Cancer Research Center; Ostrander
0002214	Thomas, R. (2005). Construction of a 2-Mb resolution BAC microarray for CGH analysis of canine tumors. <i>Genome Research</i> , 15(12), 1831–1837. <a href="https://doi.org/10.1101/gr.3825705">https://doi.org/10.1101/gr.3825705</a>	Animal Health Trust; Breen
000249	Thomson, S. A. M., Kennerly, E., Olby, N., Mickelson, J. R., Hoffmann, D. E., Dickinson, P. J., ... Breen, M. (2005). Microarray Analysis of Differentially Expressed Genes of Primary Tumors in the Canine Central Nervous System. <i>Veterinary Pathology</i> , 42(5), 550–558. <a href="https://doi.org/10.1354/vp.42-5-550">https://doi.org/10.1354/vp.42-5-550</a>	North Carolina State University; Breen
0001607	Wallace, M. R., MacKay, E. O., Gelatt, K. N., & Andrew, S. E. (2005). Inheritance of cataract in the Bichon Frise. <i>Veterinary Ophthalmology</i> , 8(3), 203–205. <a href="https://doi.org/10.1111/j.1463-5224.2005.00359.x">https://doi.org/10.1111/j.1463-5224.2005.00359.x</a>	University of Florida; Gelatt

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Wilke, V. L., Conzemius, M. C., & Rothschild, M. F. (2005). SNP detection and association analyses of candidate genes for rupture of the cranial cruciate ligament in the dog: Brief note. *Animal Genetics*, 36(6), 519–521. <https://doi.org/10.1111/j.1365-2052.2005.01355.x>

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