

2005 Peer-Reviewed Publications from AKC Canine Health Foundation Funding



Year of Publication	CHF Grant ID	Institution/Principal Investigator	APA Citation
2005	0002	Fred Hutchinson Cancer Research Center; Ostrander, Elaine	Lindblad-Toh, K., Wade, C. M., Mikkelsen, T. S., Karlsson, E. K., Jaffe, D. B., Kamal, M., . . . Lander, E. S. (2005). Genome sequence, comparative analysis and haplotype structure of the domestic dog. <i>Nature</i> , 438(7069), 803-819. doi:10.1038/nature04338
2005	0002	Fred Hutchinson Cancer Research Center; Ostrander, Elaine	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>Mol Ecol</i> , 14(2), 503-511. doi:10.1111/j.1365-294X.2005.02435.x
2005	0022	University of California, Davis; Pedersen, Niels	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. doi:10.1111/j.1399-0039.2005.00461.x
2005	0033	University of Florida; Gelatt, Kirk	Wallace, M. R., MacKay, E. O., Gelatt, K. N., & Andrew, S. E. (2005). Inheritance of cataract in the Bichon Frise. <i>Vet Ophthalmol</i> , 8(3), 203-205. doi:10.1111/j.1463-5224.2005.00359.x
2005	0040	Texas A&M University; Modiano, Jaime	Modiano, J. F., Breen, M., Burnett, R. C., Parker, H. G., Inusah, S., Thomas, R., . . . Cutter, G. C. (2005). Distinct B-cell and T-cell lymphoproliferative disease prevalence among dog breeds indicates heritable risk. <i>Cancer Res</i> , 65(13), 5654-5661.
2005	0040	Texas A&M University; Modiano, Jaime	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>Vet Pathol</i> , 42(5), 618-632. doi:10.1354/vp.42-5-618
2005	0040	Texas A&M University; Modiano, Jaime	Jubala, C. M., Wojcieszyn, J. W., Valli, V. E., 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>Vet Pathol</i> , 42(4), 468-476. doi:10.1354/vp.42-4-468
2005	0043	University of California, Davis; Pedersen, Niels	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. doi:10.1111/j.1399-0039.2005.00508.x
2005	0057	Tufts University; Alroy, Joseph	Alroy, J., Rush, J., & 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.
2005	0064	University of Minnesota; Mickelson, James	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>J Am Vet Med Assoc</i> , 226(1), 54-58.
2005	0065	Fred Hutchinson Cancer Research Center; Ostrander, Elaine	Murphy, W. J., Larkin, D. M., Everts-van der Wind, A., Bourque, G., Tesler, G., Auvil, L., . . . Lewin, H. A. (2005). Dynamics of mammalian chromosome evolution inferred from multispecies comparative maps. <i>Science</i> , 309(5734), 613-617. doi:10.1126/science.1111387
2005	0065	Fred Hutchinson Cancer Research Center; Ostrander, Elaine	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>Nat Rev Genet</i> , 6(8), 643-648. doi:10.1038/nrg1658

2005	0078	University of Missouri, Columbia; Johnson, Gary	O'Brien, D. P., Johnson, G. S., Schnabel, R. D., Khan, S., Coates, J. R., Johnson, G. C., & Taylor, J. F. (2005). Genetic mapping of canine multiple system degeneration and ectodermal dysplasia loci. <i>J Hered</i> , 96(7), 727-734. doi:10.1093/jhered/esi086
2005	0084	Texas A&M University; Murphy, Keith	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 Vet Res</i> , 1, 1. doi:10.1186/1746-6148-1-1
2005	0091	Ohio State University; Meurs, Kathryn	Baumwart, R. D., & Meurs, K. M. (2005). Assessment of plasma brain natriuretic peptide concentration in Boxers with arrhythmogenic right ventricular cardiomyopathy. <i>Am J Vet Res</i> , 66(12), 2086-2089. doi:10.2460/ajvr.2005.66.2086
2005	0091	Ohio State University; Meurs, Kathryn	Baumwart, R. D., Meurs, K. M., Atkins, C. E., Bonagura, J. D., DeFrancesco, T. C., Keene, B. W., . . . Rausch, W. (2005). Clinical, echocardiographic, and electrocardiographic abnormalities in Boxers with cardiomyopathy and left ventricular systolic dysfunction: 48 cases (1985–2003). <i>J Am Vet Med Assoc</i> , 226(7), 1102-1104.
2005	0101	University of California, Davis; Bannasch, Danika	Bannasch, D. L., Bannasch, M. J., Ryun, J. R., Famula, T. R., & Pedersen, N. C. (2005). Y chromosome haplotype analysis in purebred dogs. <i>Mamm Genome</i> , 16(4), 273-280. doi:10.1007/s00335-004-2435-8
2005	0103	University of Missouri, Columbia; Katz, Martin	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>J Vet Intern Med</i> , 19(1), 44-51.
2005	0103	University of Missouri, Columbia; Katz, Martin	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>Biochem Biophys Res Commun</i> , 327(2), 541-547. doi:10.1016/j.bbrc.2004.12.038
2005	0107	University of California, Davis; Nelson, Richard	Bromel, C., Pollard, R. E., Kass, P. H., Samii, V. F., Davidson, A. P., & Nelson, R. W. (2005). Ultrasonographic evaluation of the thyroid gland in healthy, hypothyroid, and euthyroid Golden Retrievers with nonthyroidal illness. <i>J Vet Intern Med</i> , 19(4), 499-506.
2005	0113	Purdue University; Knapp, Deborah	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>J Am Vet Med Assoc</i> , 227(1), 94-100. doi:10.2460/javma.2005.227.94
2005	0118	Animal Health Trust; Breen, Matthew	Thomas, R., Scott, A., Langford, C. F., Fosmire, S. P., Jubala, C. M., Lorentzen, T. D., . . . Breen, M. (2005). Construction of a 2-Mb resolution BAC microarray for CGH analysis of canine tumors. <i>Genome Res</i> , 15(12), 1831-1837. doi:10.1101/gr.3825705
2005	0167	University of Wisconsin, Madison; Muir, Peter	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>Vet Surg</i> , 34(5), 482-490. doi:10.1111/j.1532-950X.2005.00073.x
2005	0167	University of Wisconsin, Madison; Muir, Peter	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>Vet Surg</i> , 34(3), 239-246. doi:10.1111/j.1532-950X.2005.00036.x
2005	0167	University of Wisconsin, Madison; Muir, Peter	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>Am J Vet Res</i> , 66(12), 2073-2080. doi:10.2460/ajvr.2005.66.2073

2005	0188	Ohio State University; Skarda, Roman	Culp, L. B., Skarda, R. T., & Muir, W. W., 3rd. (2005). Comparisons of the effects of acupuncture, electroacupuncture, and transcutaneous cranial electrical stimulation on the minimum alveolar concentration of isoflurane in dogs. <i>Am J Vet Res</i> , 66(8), 1364-1370.
2005	0189	Cornell University; Barr, Stephen	Schatzberg, S. J., Haley, N. J., Barr, S. C., de Lahunta, A., & Sharp, N. J. (2005). Polymerase chain reaction screening for DNA viruses in paraffin-embedded brains from dogs with necrotizing meningoencephalitis, necrotizing leukoencephalitis, and granulomatous meningoencephalitis. <i>J Vet Intern Med</i> , 19(4), 553-559.
2005	0198	University of Missouri, Columbia; Katz, Martin	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>Am J Vet Res</i> , 66(1), 67-76.
2005	0247	Iowa State University; Rothschild, Max	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. <i>Anim Genet</i> , 36(6), 519-521. doi:10.1111/j.1365-2052.2005.01355.x
2005	0249	North Carolina State University; Breen, Matthew	Thomson, S. A., 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>Vet Pathol</i> , 42(5), 550-558. doi:10.1354/vp.42-5-550
2005	0294	Texas A&M University; Rees, Christine	Clark, L. A., Credille, K. M., Murphy, K. E., & Rees, C. A. (2005). Linkage of dermatomyositis in the Shetland Sheepdog to chromosome 35. <i>Vet Dermatol</i> , 16(6), 392-394. doi:10.1111/j.1365-3164.2005.00469.x
2005	0454	Texas A&M University; Murphy, Keith	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>Mamm Genome</i> , 16(12), 955-962. doi:10.1007/s00335-005-0076-1