

2007 Peer-Reviewed Publications

Resulting from AKC Canine Health Foundation research grants



CHF Grant ID	APA Citation	Institution; Principal Investigator
00228T	Baumwart, R. D., Orvalho, J., & Meurs, K. M. (2007). Evaluation of serum cardiac troponin I concentration in Boxers with arrhythmogenic right ventricular cardiomyopathy. <i>American Journal of Veterinary Research</i> , 68(5), 524–528. https://doi.org/10.2460/ajvr.68.5.524	Washington State University; Meurs
00878-A	Boggs, R. M., Moody, J. A., Long, C. R., Tsai, K. L., & Murphy, K. E. (2007). Identification, amplification and characterization of miR-17-92 from canine tissue. <i>Gene</i> , 404(1–2), 25–30. https://doi.org/10.1016/j.gene.2007.08.015	Texas A&M University; Tsai
00754B	Cadiou, E., & Ostrander, E. A. (2007). Canine Genetics Offers New Mechanisms for the Study of Human Cancer. <i>Cancer Epidemiology Biomarkers & Prevention</i> , 16(11), 2181–2183. https://doi.org/10.1158/1055-9965.EPI-07-2667	National Human Genome Research Institute; Ostrander
00821	Coates, J. R., March, P. A., Oglesbee, M., Ruaux, C. G., Olby, N. J., Berghaus, R. D., ... Williams, D. A. (2007). Clinical Characterization of a Familial Degenerative Myelopathy in Pembroke Welsh Corgi Dogs. <i>Journal of Veterinary Internal Medicine</i> , 21, 1323–1331	University of Missouri, Columbia; Coates
0001270	Davidson, A. G., Bell, R. J., Lees, G. E., Kashtan, C. E., Davidson, G. S., & Murphy, K. E. (2007). Genetic Cause of Autosomal Recessive Hereditary Nephropathy in the English Cocker Spaniel. <i>Journal of Veterinary Internal Medicine</i> , 21, 394–401. https://doi.org/10.1111/j.1939-1676.2007.tb02981.x	Texas A&M University; Lees
00237	Duncan, A. W., Maggi, R. G., & Breitschwerdt, E. B. (2007). <i>Bartonella</i> DNA in Dog Saliva. <i>Emerging Infectious Diseases</i> , 13(12), 1948–1950. https://doi.org/10.3201/eid1312.070653	North Carolina State University; Breitschwerdt
0002434	Ferguson, D. C. (2007). Testing for Hypothyroidism in Dogs. <i>Veterinary Clinics of North America: Small Animal Practice</i> , 37(4), 647–669. https://doi.org/10.1016/j.cvsm.2007.05.015	University of Georgia; Ferguson

0001626	Fosmire, S. P., Thomas, R., Jubala, C. M., Wojcieszyn, J. W., Valli, V. E. O., Getzy, D. M., ... Modiano, J. F. (2007). Inactivation of the p16 Cyclin-Dependent Kinase Inhibitor in High-Grade Canine Non-Hodgkin's T-Cell Lymphoma. <i>Veterinary Pathology</i> , 44(4), 467–478. https://doi.org/10.1354/vp.44-4-467	Texas A&M University; Modiano
00695-A	Frank, L. A. (2007). Oestrogen receptor antagonist and hair regrowth in dogs with hair cycle arrest (alopecia X). <i>Veterinary Dermatology</i> , 18(1), 63–66. https://doi.org/10.1111/j.1365-3164.2007.00559.x	University of Tennessee; Frank
0002416	Fransson, B. A., Lagerstedt, A.-S., Bergstrom, A., Hagman, R., Park, J. S., Chew, B. P., ... Ragle, C. A. (2007). C-reactive protein, tumor necrosis factor α , and interleukin-6 in dogs with pyometra and SIRS. <i>Journal of Veterinary Emergency and Critical Care</i> , 17(4), 373–381. https://doi.org/10.1111/j.1476-4431.2006.00203.x	Washington State University; Fransson
00584-A	Grider, A., Mouat, M. F., Mauldin, E. A., & Casal, M. L. (2007). Analysis of the liver soluble proteome from Bull Terriers affected with inherited lethal acrodermatitis. <i>Molecular Genetics and Metabolism</i> , 92(3), 249–257. https://doi.org/10.1016/j.ymgme.2007.07.003	University of Georgia; Grider
00652-A	Henn, J. B., Gabriel, M. W., Kasten, R. W., Brown, R. N., Theis, J. H., Foley, J. E., & Chomel, B. B. (2007). Gray Foxes (<i>Urocyon cinereoargenteus</i>) as a Potential Reservoir of a <i>Bartonella clarridgeiae</i> -Like Bacterium and Domestic Dogs as Part of a Sentinel System for Surveillance of Zoonotic Arthropod-Borne Pathogens in Northern California. <i>Journal of Clinical Microbiology</i> , 45(8), 2411–2418. https://doi.org/10.1128/JCM.02539-06	University of California, Davis; Chomel
00373A	Karlsson, E. K., Baranowska, I., Wade, C. M., Salmon Hillbertz, N. H. C., Zody, M. C., Anderson, N., ... Lindblad-Toh, K. (2007). Efficient mapping of mendelian traits in dogs through genome-wide association. <i>Nature Genetics</i> , 39(11), 1321–1328. https://doi.org/10.1038/ng.2007.10	Broad Institute; Lindblad- Toh
00198	Katz, M. L., Sanders, D. N., Mooney, B. P., & Johnson, G. S. (2007). Accumulation of glial fibrillary acidic protein and histone H4 in brain storage bodies of Tibetan Terriers with hereditary neuronal ceroid lipofuscinosis. <i>Journal of Inherited Metabolic Disease</i> , 30(6), 952–963. https://doi.org/10.1007/s10545-007-0683-y	University of Missouri, Columbia; Katz
0002447	Kennedy, L. J., Barnes, A., Short, A., Brown, J. J., Seddon, J., Fleeman, L., ... Ollier, W. E. R. (2007). Canine DLA diversity: 3. Disease studies. <i>Tissue Antigens</i> , 69, 292–296. https://doi.org/10.1111/j.1399-0039.2006.00781.x	University of Alaska, Fairbanks; Happ

00272	<p>Kisseberth, W. C., Nadella, M. V. P., Breen, M., Thomas, R., Duke, S. E., Murahari, S., ... Rosol, T. J. (2007). A novel canine lymphoma cell line: A translational and comparative model for lymphoma research. <i>Leukemia Research</i>, 31(12), 1709–1720. https://doi.org/10.1016/j.leukres.2007.04.003</p>	The Ohio State University; Kisseberth
00667-A	<p>Kustritz, M. V. R., & Hess, M. (2007). Effect of administration of prostaglandin F2alpha or presence of an estrous teaser bitch on characteristics of the canine ejaculate. <i>Theriogenology</i>, 67(2), 255–258. https://doi.org/10.1016/j.theriogenology.2006.07.009</p>	University of Minnesota; Root-Kustritz
0001407	<p>Licht, B. G., Lin, S., Luo, Y., Hyson, L. L., Licht, M. H., Harper, K. M., ... Johnston, E. V. (2007). Clinical characteristics and mode of inheritance of familial focal seizures in Standard Poodles. <i>Journal of the American Veterinary Medical Association</i>, 231(10), 1520–1528. https://doi.org/10.2460/javma.231.10.1520</p>	Florida State University; Licht
0002025	<p>Lin, P.-Y., Fosmire, S. P., Park, S.-H., Park, J.-Y., Baksh, S., Modiano, J. F., & Weiss, R. H. (2007). Attenuation of PTEN increases p21 stability and cytosolic localization in kidney cancer cells: a potential mechanism of apoptosis resistance. <i>Molecular Cancer</i>, 14.</p>	University of Wisconsin, Madison; Helfand
00812-A	<p>Mausberg, E.-M., Drögemüller, C., Dolf, G., Leeb, T., Rüfenacht, S., & Welle, M. (2007). Evaluation of the <i>CTSL2</i> Gene as a Candidate Gene For Alopecia X in Pomeranians and Keeshonden. <i>Animal Biotechnology</i>, 18(4), 291–296. https://doi.org/10.1080/10495390701547461</p>	University of Bern; Leeb
0002667	<p>Modiano, J. F., Breen, M., Valli, V. E. O., Wojcieszyn, J. W., & Cutter, G. R. (2007). Predictive value of p16 or Rb inactivation in a model of naturally occurring canine non-Hodgkin's lymphoma. <i>Leukemia</i>, 21(1), 184–187. https://doi.org/10.1038/sj.leu.2404392</p>	North Carolina State University; Breen
0002405	<p>Muir, P., Manley, P. A., & Hao, Z. (2007). COL-3 inhibition of collagen fragmentation in ruptured cranial cruciate ligament explants from dogs with stifle arthritis. <i>The Veterinary Journal</i>, 174(2), 403–406. https://doi.org/10.1016/j.tvjl.2006.07.007</p>	University of Wisconsin, Madison; Muir
00741	<p>Muir, P., Oldenhoff, W. E., Hudson, A. P., Manley, P. A., Schaefer, S. L., Markel, M. D., & Hao, Z. (2007). Detection of DNA from a range of bacterial species in the knee joints of dogs with inflammatory knee arthritis and associated degenerative anterior cruciate ligament rupture. <i>Microbial Pathogenesis</i>, 42(2–3), 47–55. https://doi.org/10.1016/j.micpath.2006.10.002</p>	University of Wisconsin, Madison; Muir

00685-A	Orton, S. M., Arasu, P., & Hammerberg, B. (2007). A novel gene from <i>Brugia</i> sp. that encodes a cytotoxic fatty acid binding protein allergen recognized by canine monoclonal IgE and serum IgE from infected dogs. <i>Journal of Parasitology</i> , 93(6), 1378–1387. https://doi.org/10.1645/GE-1217.1	North Carolina State University; Hammerberg
00754B	Quignon, P., Herbin, L., Cadieu, E., Kirkness, E. F., Hédan, B., Mosher, D. S., ... Hitte, C. (2007). Canine Population Structure: Assessment and Impact of Intra-Breed Stratification on SNP-Based Association Studies. <i>PLoS ONE</i> , 2(12), e1324. https://doi.org/10.1371/journal.pone.0001324	National Human Genome Research Institute; Ostrander
0002465T	Romansik, E. M., Reilly, C. M., Kass, P. H., Moore, P. F., & London, C. A. (2007). Mitotic Index Is Predictive for Survival for Canine Cutaneous Mast Cell Tumors. <i>Veterinary Pathology</i> , 44(3), 335–341. https://doi.org/10.1354/vp.44-3-335	The Ohio State University; London
00373A	Salmon Hillbertz, N. H. C., Isaksson, M., Karlsson, E. K., Hellmén, E., Pielberg, G. R., Savolainen, P., ... Andersson, G. (2007). Duplication of FGF3, FGF4, FGF19 and ORAOV1 causes hair ridge and predisposition to dermoid sinus in Ridgeback Dogs. <i>Nature Genetics</i> , 39(11), 1318–1320. https://doi.org/10.1038/ng.2007.4	Broad Institute; Lindblad-Toh
0001808A	Sargan, D. R., Aguirre-Hernandez, J., Galibert, F., & Ostrander, E. A. (2007). An Extended Microsatellite Set for Linkage Mapping in the Domestic Dog. <i>Journal of Heredity</i> , 98(3), 221–231. https://doi.org/10.1093/jhered/esm006	Fred Hutchinson Cancer Research Center; Ostrander
00567-A	Sargan, David R., Withers, D., Pettitt, L., Squire, M., Gould, D. J., & Mellersh, C. S. (2007). Mapping the Mutation Causing Lens Luxation in Several Terrier Breeds. <i>Journal of Heredity</i> , 98(5), 534–538. https://doi.org/10.1093/jhered/esm029	University of Cambridge; Sargan
00326-A	Schmutz, S. M., & Berryere, T. G. (2007). Genes affecting coat colour and pattern in domestic dogs: a review: Coat colour genes in dogs. <i>Animal Genetics</i> , 38(6), 539–549. https://doi.org/10.1111/j.1365-2052.2007.01664.x	University of Saskatchewan; Schmutz
00329-A	Starr, A. N., Famula, T. R., Markward, N. J., Baldwin, J. V., Fowler, K. D., Klumb, D. E., ... Murphy, K. E. (2007). Hereditary Evaluation of Multiple Developmental Abnormalities in the Havanese Dog Breed. <i>Journal of Heredity</i> , 98(5), 510–517. https://doi.org/10.1093/jhered/esm049	Texas A&M University; Murphy

00696-A	Sura, P. A., Tobias, K. M., Morandi, F., Daniel, G. B., & Echandi, R. L. (2007). Comparison of ^{99m} TcO ₄ ⁻ Trans-Splenic Portal Scintigraphy with Per-Rectal Portal Scintigraphy for Diagnosis of Portosystemic Shunts in Dogs. <i>Veterinary Surgery</i> , 36(7), 654–660. https://doi.org/10.1111/j.1532-950X.2007.00317.x	University of Tennessee; Echandi
0001808A	Sutter, N. B., Bustamante, C. D., Chase, K., Gray, M. M., Zhao, K., Zhu, L., ... Ostrander, E. A. (2007). A Single IGF1 Allele Is a Major Determinant of Small Size in Dogs. <i>Science</i> , 316(5821), 112–115. https://doi.org/10.1126/science.1137045	Fred Hutchinson Cancer Research Center; Ostrander
00339-A	Taylor, K. H., Smith, A. N., Higginbotham, M., Schwartz, D. D., Carpenter, D. M., & Whitley, E. M. (2007). Expression of vascular endothelial growth factor in canine oral malignant melanoma. <i>Veterinary and Comparative Oncology</i> , 5(4), 208–218. https://doi.org/10.1111/j.1476-5829.2007.00130.x	Auburn University; Taylor
0002214T	Thomas, R., Duke, S. E., Bloom, S. K., Breen, T. E., Young, A. C., Feiste, E., ... Breen, M. (2007). A Cytogenetically Characterized, Genome-Anchored 10-Mb BAC Set and CGH Array for the Domestic Dog. <i>Journal of Heredity</i> , 98(5), 474–484. https://doi.org/10.1093/jhered/esm053	North Carolina State University; Breen
00754B	Wayne, R. K., & Ostrander, E. A. (2007). Lessons learned from the dog genome. <i>Trends in Genetics</i> , 23(11), 557–567. https://doi.org/10.1016/j.tig.2007.08.013	National Human Genome Research Institute; Ostrander