



WINN FELINE FOUNDATION

For the Health and Well-being of All Cats

637 Wyckoff Ave., Suite 336, Wyckoff, NJ 07481 • www.winnfelinefoundation.org
Toll Free 888-9MEOWIN (888-963-6946) • Local Phone 201-275-0624 • Fax 877-933-0939

W12-009 - “Fine Mapping for Sphynx Cat Hypertrophic Cardiomyopathy Gene”

This study attempted to identify genetic components that correlate with hypertrophic cardiomyopathy in Sphynx cats. The focus was on a region that had been shown to have statistically significant association with the disease condition. They identified 12 changes in this region that had significant association with the disease condition. From this analysis they analyzed myocardial samples from Sphynx cats that died with HCM (3) and two cats that died of unrelated causes. Three proteins were found to be reduced in the HCM affected cats, and were analyzed further. The corresponding genetic region of these proteins was analyzed in five affected Sphynx cats and two unaffected Sphynx cats. Unfortunately, no changes were found that correlated with the disease condition. No causative mutation could be identified. Work continues to identify the genetic abnormality associated with HCM in Sphynx cats.

637 Wyckoff Ave., Suite 336, Wyckoff, NJ 07481 • info@winnfelinefoundation.org
Phone 201.275.0624 • Fax 877.933.0939 • www.winnfelinefoundation.org

The Winn Feline Foundation is a non-profit organization [501(c)(3)] established by The Cat Fancier's Association.
Member Combined Federal Campaign #10321