

AMERICAN KENNEL CLUB · FOUNDED 1884

Certified Pedigree

GCH CH VINELAKE'S ONE FELL SWOOP
RN CGC
Sire DN24583203 (12-11) OFA24E OFEL24 EYET3
BLK WH MKGS TAN PTS AKC DNA #V644763

GCH CH HEARTHSIDE'S STANDING OVATION
DN13262301 (06-09) OFA25G OFEL25 BL MRL
WH MKGS TAN PTS AKC DNA #V467661

CH VINELAKE ABSOLOOT UPTHEANTE
DN04804601 (05-06) OFA25G RD WH MKGS
TAN PTS AKC DNA #V627457

CH HEARTHSIDE MADE YA LOOK CDX RAE
OA NAJ NAP NJP
DL83469304 (10-03) OFA28E BL MRL WH
MKGS TAN PTS

VINELAKE'S NO TAX ON TENTATION
DN14628311 (08-09) OFA32G BLK WH MKGS
TAN PTS

CH HEATHERHILL MY WATERLOO
DL64528408 (11-98) OFA29G BLK WH MKGS
TAN PTS AKC DNA #P67832

VINELAKE'S CANASTA
DN04804608 (09-06) OFA26G BL MRL WH
MKGS TAN PTS

CH CALAIS CAROLINA ALLIE OOPS NA

DN37955502 OFA24G OFEL24 AKC DNA #V732443
AUSTRALIAN SHEPHERD FEMALE BL MRL WH MKGS
TAN PTS

Microchip: 981020007665264

Date Whelped: 09/15/2013

Breeder: JACQUIE HALLENBECK/TERRI MORGAN/SELENA
POPLIN/ELIZABETH STIBLEY/MARDI PRICE

CH CALAIS CAROLINA VINTAGE T-BIRD
DN17045803 (08-10) OFA24G OFEL24 RD WH
MKGS TAN PTS AKC DNA #V572843

CH BAYSHORE'S CAROLINA BIRDCAGE
DL67602202 (04-98) OFA24G RD MRL WH
MKGS TAN PTS AKC DNA #V134927

CH CALAIS CAROLINA MUSTANG SALLY
DN02099002 (05-07) OFA30E OFEL30 RD WH
MKGS TAN PTS

CAROLINA CALAIS BETTY BOOP CAMADY
Dam DN27635709 (02-14) OFA27G OFEL27 BL
MRL WH MKGS TAN PTS

CH MOOREA'S EZ TO BE ME
DN06214705 (01-08) BL MRL WH MKGS TAN
PTS

CH MCMAITTS EZ VICTOR
DL65428301 (04-98) OFA25G BL MRL WH
MKGS TAN PTS AKC DNA #V42851

CH MOOREA'S CRITICS CHOICE
DL79766407 (12-03) OFA27G BLK WH MKGS
TAN PTS



AMERICAN
KENNEL CLUB

Jane H. Hensley
Executive Secretary

The Seal of The American Kennel Club affixed hereto certifies that this pedigree was compiled from official Stud Book records on March 4, 2016.

Canine Genetic Health CertificateTM

Call Name: Allie
Registered Name: Calais Carolina Allie Oop
Breed: Australian Shepherd
Sex: Female
DOB: Sept. 2013

Laboratory #: 19933
Registration #: DN37955502
Certificate Date: Jan. 28, 2016

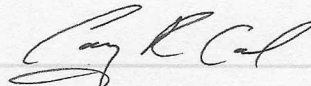
This canine's DNA showed the following genotype(s):

Disease	Gene	Genotype	Interpretation
Collie eye anomaly	<i>NHEJ1</i>	WT/WT	Normal (clear)
Cone degeneration	<i>CNGB3</i>	WT/WT	Normal (clear)
Degenerative myelopathy	<i>SOD1</i>	WT/M	Carrier
Dilated cardiomyopathy	<i>PKD4</i>	WT/WT	Normal (clear)
Hereditary cataracts (Australian Shepherd type)	<i>HSF4</i>	WT/WT	Normal (clear)
Hyperuricosuria	<i>SLC2A9</i>	WT/WT	Normal (clear)
Multidrug resistance 1	<i>ABCB1</i>	M/M	Affected/At Risk
Multifocal retinopathy 1	<i>BEST1</i>	WT/WT	Normal (clear)
Neuronal ceroid lipofuscinosis 6	<i>CLN6</i>	WT/WT	Normal (clear)
Progressive retinal atrophy, Progressive rod-cone degeneration	<i>PRCD</i>	WT/WT	Normal (clear)

WT, wild type (normal); M, mutant



Christina J Ramirez, PhD, DVM, DACVP
 Medical Director



Casey R Carl, DVM
 Associate Medical Director

Paw Print GeneticsTM performed the tests listed on this dog. See the Laboratory Report for interpretation and recommendations based on these findings. The genes/diseases reported here were selected by the client. Normal results do not exclude inherited mutations not tested in these or other genes that may cause medical problems or may be passed on to offspring. These tests were developed and their performance determined by Paw Print Genetics. This laboratory has established and verified the tests' accuracy and precision. Because all tests performed are DNA-based, rare genomic variations may interfere with the performance of some tests producing false results. If you think these results are in error, please contact the laboratory immediately for further evaluation. In the event of a valid dispute of results claim, Paw Print Genetics will do its best to resolve such a claim to the customer's satisfaction. If no resolution is possible after investigation by Paw Print Genetics with the cooperation of the customer, the extent of the customer's sole remedy is a refund of the fee paid. In no event shall Paw Print Genetics be liable for indirect, consequential or incidental damages of any kind. Any claim must be asserted within 60 days of the report of the test results. Genetic counseling is available at Paw Print Genetics.

Canine Genetic Health Certificate™

Call Name: Lulu
Registered Name: Highlines To Sir With Love
Breed: Australian Shepherd
Sex: Female
DOB: Feb. 2017

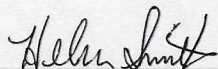
Laboratory #: 70805
Registration #: -
Microchip #: 981020019616067
Certificate Date: May 7, 2018

This dog's sample was verified on April 24, 2018 by Casey R Carl, DVM

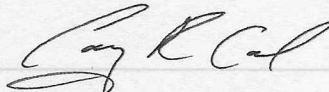
This canine's DNA showed the following genotype(s):

Disease	Gene	Genotype	Interpretation
Collie Eye Anomaly	NHEJ1	WT/WT	Normal (clear)
Cone Degeneration	CNGB3	WT/WT	Normal (clear)
Degenerative Myelopathy	SOD1	WT/WT	Normal (clear)
Hereditary Cataracts (Australian Shepherd Type)	HSF4	WT/WT	Normal (clear)
Hyperuricosuria	SLC2A9	WT/WT	Normal (clear)
Multidrug Resistance 1	ABCB1	WT/M	Carrier (At-Risk)
Multifocal Retinopathy 1	BEST1	WT/WT	Normal (clear)
Neuronal Ceroid Lipofuscinosis 6	CLN6	WT/WT	Normal (clear)
Progressive Retinal Atrophy, Progressive Rod-Cone Degeneration	PRCD	WT/WT	Normal (clear)

WT, wild type (normal); M, mutant; Y, Y chromosome (male)



Helen F Smith, PhD
 Assistant Laboratory Director



Casey R Carl, DVM
 Associate Medical Director

Paw Print Genetics® performed the tests listed on this dog. See the Laboratory Report for interpretation and recommendations based on these findings. The genes/diseases reported here were selected by the client. Normal results do not exclude inherited mutations not tested in these or other genes that may cause medical problems or may be passed on to offspring. These tests were developed and their performance determined by Paw Print Genetics. This laboratory has established and verified the tests' accuracy and precision. Because all tests performed are DNA-based, rare genomic variations may interfere with the performance of some tests producing false results. If you think these results are in error, please contact the laboratory immediately for further evaluation. In the event of a valid dispute of results claim, Paw Print Genetics will do its best to resolve such a claim to the customer's satisfaction. If no resolution is possible after investigation by Paw Print Genetics with the cooperation of the customer, the extent of the customer's sole remedy is a refund of the fee paid. In no event shall Paw Print Genetics be liable for indirect, consequential or incidental damages of any kind. Any claim must be asserted within 60 days of the report of the test results. Genetic counseling is available at Paw Print Genetics.