

East Anglian Collie Association



CEA DATABASE of DNA tested Rough Collies

This database for CEA-genetically tested Rough Collies has been compiled due to growing demand. Over the last few years, the number of Rough Collies being DNA tested for CEA in this country has been increasing as breeders are beginning to work together for the genetic improvement of the breed. The reducing costs of DNA testing should hopefully prove an incentive to tempt breeders to begin DNA testing their breeding stock for CEA.

Many breeders had become despondent over the KC/BVA results of clinical 'litter screening' as they couldn't understand why, when they mated two clinical 'CEA clears' together they produced a litter of CEA-affected puppies. This therefore caused the number of breeders continuing to litter screen, to steadily decline. What many failed to understand was that, although a dog at clinical examination might 'appear' to be clear of CEA, this was most often not the true genetic picture - only a DNA test can provide the true genetic status of 'clinically clear' puppies.

It is imperative that puppies are clinically screened at 7 weeks of age and any 'clears' can then be DNA tested.

Wouldn't it be a fantastic achievement if British breeders were to eliminate the CEA gene mutation from the breed? It could be done in time, but breeders must first open their minds to introducing genetically clear-eyed outcross blood into their own blood lines and initially be prepared for disappointments. Puppies from the first generation outcross, although having better genetic eye results and an improved in-breeding co-efficient, might possibly lose breed type. However, it appears that with breeding the outcross carefully back into the breeder's own lines, the second or third generation offspring are reverting back to British type whilst continuing to improve eye status.

Remember back just a few years when breeders were scathing and distrustful of MDR1? Since then, an increasing number of breeders have taken up the challenge by altering their breeding programmes slightly whilst working to eliminate MDR1 from their own breeding stock. Surely, with persistence, we can also improve the CEA status of our Collies?

If you wish to add your dogs' details to the CEA database, please email me at p.m.hutchinson@ntlworld.com with their KC registered names, sire and dams' names and copies of DNA test certificates for CEA/CH.

Note: Only CEA clear (ie. normal-eyed non-carriers) and CEA carriers (clear-eyed dogs carrying the gene mutation which can be passed on to the offspring) are included on the database.

Pat Hutchinson (EACA's Health Coordinator)
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CEA STATUS OF GENETICALLY TESTED ROUGH COLLIE DOGS

NAME OF DOG	TESTING LABORATORY	GENETIC CLEAR ie non-carrier	CARRIER
AMBARTR I'LL BE THERE FOR YOU (Sailby Thestars To Wicani x Jards Crystal Rose Gold At Ambartr)	Animal Genetics		y
AMBARTR KEEP THE FAITH (Sailby Thestars To Wicani x Jards Crystal Rose Gold At Ambartr)	Animal Genetics		y
IMAGINIST SONG OF HIAWATHA (Wicani Written In Legend x Wicani Moonlight Serenade At Imaginist)	Optigen		y
SAILBY THESTARS TO WICANI (Van M Hurricane The Next Star x Jun Ch Van-M Elegance Miss Demeanor)	Both parents tested clear by Optigen	y (Hereditary clear)	
UTGARD MAJOR TOM (Wicani Magnum Opus x Karibuni Golden Samphire)	Animal Genetics	y	
UTGARD ZIGGY PLAYED GUITAR (Wicani Magnum Opus x Karibuni Golden Samphire)	Animal Genetics	y	
VAN M MUSIC MAN AT WICANI (Van M River Rapids x Van-M Rhapsody)		y (Hereditary clear)	
WICANI ALTITUDE AT IMAGINIST (Wicani Poetry And Prose x Wicani Petticoats'A Flyin)	Animal Genetics		Y
WICANI AWAKENING (Van M Goodfellow At Wicani x Wicani White Lace'N Promises)	Optigen		y
WICANI BY FIRE AND ICE FOR IMAGINIST (Van M Music Man At Wicani (imp USA) x Wicani Flawless Diamond)	Animal Genetics		y
WICANI BY SWORD AND SORCERY (Van M Music Man At Wicani (imp USA) x Wicani Flawless Diamond)	Animal Genetics	y	
WICANI CATCH MY COAT TAILS (Van M Music Man At Wicani x Seryphina Silk'N Petticoats At Wicani)			y

CEA STATUS OF GENETICALLY TESTED ROUGH COLLIE DOGS (cont)



NAME OF DOG	TESTING LABORATORY	GENETIC CLEAR <small>ie</small> non-carrier	CARRIER
WICANI FEATHERS OF ICE (Van M Feather In His Cap For Wicani x Wicani Enchanted Reverie)	Slovgen		y
WICANI MAGNUM OPUS (Van M Goodfellow At Wicani x Wicani Wears Red)	Optigen		y
WICANI POETRY AND PROSE (Wicani Dragonsblood x Wicani Dappled Sunlight)			y
WICANI REMASTERED (Van M Goodfellow At Wicani x Wicani Wears Red)	Slovgen		y
WICANI RUMOURS (Wicani Poetry And Prose x Wicani Enraptured)	Slovgen	y	

CEA STATUS OF GENETICALLY TESTED ROUGH COLLIE BITCHES



NAME OF BITCH	TESTING LABORATORY	GENETIC CLEAR ie non-carrier	CARRIER
AMBARTR BORN TO FOLLOW (Sailby Thestars To Wicani x Jards Crystal Rose Gold At Ambartr)	Animal Genetics		y
AQUALITA RUMOURS HAVE IT (Wicani Rumours x Aqualita Solitaire)	Animal Genetics		y
BELLAWAVE CAST A SPELL (Wicani Poetry And Prose x Seryphina So In Love With Bellawave)	Animal Genetics		y
GEMHEID REBEKAH (Wicani Rumours x Gemheid Written In Lights)	Animal Genetics		y
GEMHEID WRIBBONS OF LIGHT (Van M Good Fellow At Wicani x Gemheid Written In Wribbons)	Optigen	y	
GEMHEID WRITTEN IN LIGHTS (Wicani Where Eagles Dare At Gemheid x Genheid Wrib- bons Of Light)			y (Carrier by parentage)
GEMHEID WRITTEN IN WRIBBONS (Glasgowhill Future Vision x Gemheid Seacoral)			y
IMAGINIST PIPISTRELLE (Wicani Altitude At Imaginist x Wicani Dappled Sunlight At Imaginist)	Animal Genetics	y	
KARIBUNI GOLDEN SAMPHIRE (Can Ch Glasgowhill's With Pride To Wicani x Karibuni Tennessee Waltz)			y (Carrier by parentage)
PASSIONATE EMBRACE AT GEMHEID (Wicani Dragonsblood x Wicani Dappled Sunlight)	Slovgen		y
SERYPHINA SO IN LOVE WITH BELLAWAVE (Van M Good Fellow At Wicani x Wicani Love On Blue Firdays)	Optigen		y
SERYPHINA STAR SAPPHIRE (Van M Good Fellow At Wicani x Wicani Love on Blue Firdays)	Animal Genetics		y

CEA STATUS OF GENETICALLY TESTED ROUGH COLLIE BITCHES (cont)



NAME OF BITCH	TESTING LABORATORY	GENETIC CLEAR ie non-carrier	CARRIER
TANGERINE DREAM AT WICANI (Van M Good Fellow At Wicani x Forbidden Fruit)	Slovgen	y	
UTGARD CHINA DOLL (Wicani Magnum Opus x Karibuni Golden Samphire)	Animal Genetics		y
VELVET UNDERGROUND AT WICANI (Van M Good Fellow x Forbidden Fruit)	Slovgen	y	
WICANI ENRAPTURED (Van M Good Fellow At Wicani x Wicani Wears Red)	Slovgen		y
WICANI SOMETHING BLUE (Van M Good Fellow At Wicani x Wicani White Lace'N Prom- ises)	Optigen		y
WICANI THE SHEPHERDESS (Van M Music Man At Wicani x Wicani Flawless Diamond)	Animal Genetics	y	
WICANI TRUE TO THE MISTRESS (Van M Music Man At Wicani x Wicani Flawless Diamond)	Animal Genetics	y	