

AMERICAN KENNEL CLUB · FOUNDED 1884

# Certified Pedigree

**AUGUSTUS MCCRAY**  
Sire DN18298001 (10-07) RD MRL WH MKGS  
(USA) AKC DNA #V532904

## VISIONS TWIST OF FATE

DN29778504  
BORDER COLLIE FEMALE BLK WH MKGS  
Date Whelped: 12/29/2010  
Breeder: KIM HASTINGS

**VISIONS CUTE AS A BUTTON**  
Dam DN15637304 (05-09) OFA25G BL WH MKGS



**AMERICAN  
KENNEL CLUB®**

*Jane P. Crowley*  
Executive Secretary

The Seal of The American Kennel Club affixed hereto certifies that this pedigree was compiled from official Stud Book records on March 25, 2011.

**TANI MARAS BOLEE**  
ABCA 90545

**GOLD'S EMERALD**  
ABCA 166644

**CIARA'S CLADDAGH AT VISIONS**  
DN08122502 (09-05) BLK WH MKGS AKC DNA  
#V363455

**VISIONS BETTY BOOP BLUE**  
DN03006401 (11-05) BL WH MKGS

**SAGEBRUSH SAGE**  
ABCA 8678

**FERGIE**  
ISDS 176736

**LEVI'S SMUTT**  
ABCA 135442

**DARE**  
ABCA 126022

**CIARA'S TUXEDO JUNCTION**  
DN03939301 (12-04) BLK WH MKGS

**CIARA'S RHYTHM IN BLUE**  
DN03939305 (12-04) BL WH MKGS

**BISMARK'S FLYING COLOURS**  
DL88880408 (06-03) OFA27G RD WH MKGS  
AKC DNA #V316261

**BLUE SNIP**  
DN02803201 (07-03) BL WH MKGS (USA)

Reference #: **900707**  
 Practice #: 88152A

 Radiography Date: 4/25/2012  
 Date Received: 5/22/2012

**Owner:**  
 REBECCA INGERSOLL  
 PO BOX 1785  
 TOMBSTONE, AZ 85638  
 UNITED STATES

**PennHIP Member:**  
 DR. STEPHANIE SZABO  
 SOUTHERN ARIZONA VETERINARY  
 SPECIALTY AND EMERGENCY CENTER  
 7474 E BROADWAY  
 TUCSON, AZ 85710  
 UNITED STATES

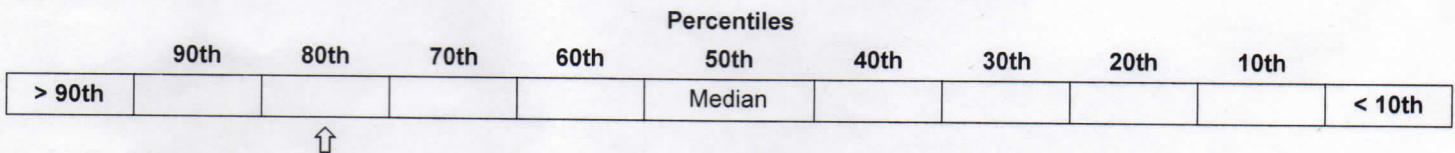
ANIMAL	
VISIONS TWIST OF FATE (KISMET)	Reg. #: DN29778504
CANINE / BORDER COLLIE	Microchip:
Date of Birth: 12/29/2010 Sex: F Weight: 29 lbs. Age: 16 mo.	Tattoo:

RESULTS			
LEFT	Distraction Index (DI)	<b>0.35</b>	DI is greater than 0.30 with no radiographic evidence of DJD. There is an increasing risk of developing DJD as the DI increases; low risk when DI is close to 0.30, high risk when DI is close to 0.70 or above.
	Degenerative Joint Disease (DJD)	<b>None</b>	
	Cavitation	<b>No</b>	
	Other Findings	<b>Not Applicable</b>	
RIGHT	Distraction Index (DI)	<b>0.38</b>	DI is greater than 0.30 with no radiographic evidence of DJD. There is an increasing risk of developing DJD as the DI increases; low risk when DI is close to 0.30, high risk when DI is close to 0.70 or above.
	Degenerative Joint Disease (DJD)	<b>None</b>	
	Cavitation	<b>No</b>	
	Other Findings	<b>Not Applicable</b>	

Please note that the PennHIP DI is a measure of hip joint laxity, it does not allude to a "passing" or "failing" hip score.

### LAXITY PROFILE RANKING

The laxity profile ranking is based on the hip with the greater laxity (DI). This interpretation is based on a cross-section of 1,478 CANINE animals of the BORDER COLLIE breed. The median DI for this group is 0.45.



The chart above indicates the ranking of your animal's passive hip laxity (DI) in relation to all CANINE animals of the BORDER COLLIE breed in our database. This result means that 1) your animal's hips are tighter than approximately 80% of this group of animals (alternatively, 20% of the group has tighter hips than your animal), and 2) your animal's hip laxity is in the tighter half of the laxity profile. Breed-specific evaluations are analyzed semi-annually. Consequently, the average laxity and range of laxity for any given group will change over time.

PennHIP does not make specific breeding recommendations. Selection of sire and dam for mating is the decision of the breeder.

**NOTE: As a minimum breeding criterion, we propose that breeding stock be selected from the population of animals having hip laxity in the tighter half of the breed (to the left of the median mark on the graph). Higher selection pressure equates to more rapid expected genetic change per generation.**

By implementing selection based on passive hip laxity, we expect the breed average DI over the years to move toward tighter hip configuration, meaning lower hip dysplasia susceptibility. The PennHIP database permits scientific adjustment of criteria to reflect these shifts; the average laxity and range of laxity for a particular breed will change over time.

## Canine Genetic Testing Report



<b>Submitted By</b>
Rebecca Ingersoll
202 N Chaparral Pl Benson, AZ 85602

<b>Subject Dog</b> 00053625	Date Received: 5/10/2016
<b>Dog Name:</b> Kismet <b>Breed:</b> Border Collie <b>Phenotype:</b> Black & White	<b>Registration:</b> DN29778504 <b>Sex:</b> Bitch <b>Birth:</b> 12/29/2010

<b>Sire</b>
Sire Name: Augustus McCray Breed: Border Collie Registration: DN18298001 Phenotype: Red Merle

<b>Dam</b>
Dam Name: Visions Cute As A Button Breed: Border Collie Registration: DN15637304 Phenotype: Blue & White

Coat Color Testing		
A Locus-Ay		Not Tested
A Locus-At		Not Tested
A Locus-a		Not Tested
B Locus		Not Tested
D Locus		Not Tested
E Locus- EM		Not Tested
E Locus- e		Not Tested
K Locus-KB		Not Tested
Spotting		Not Tested
Harlequin		Not Tested
Merle		Not Tested

Genetic Disorders			
X	CEA	n/n	Clear: Dog tested negative for the Collie Eye Anomaly mutation.
	DM		Not Tested
X	IGS	n/n	Clear: Dog tested negative for the IGS mutation.
X	MDR1	n/n	Clear: Only normal unaltered allele detected. Dog should not exhibit any sensitivity to ivermectin or other drugs associated with this disorder.
	MH		Not Tested
X	NCL	n/n	Clear: Dog tested negative for the NCL mutation.
X	PLL	n/n	Clear: Dog tested negative for the Primary Lens Luxation mutation.
X	TNS	n/TNS	Carrier: Dog has 1 copy of the TNS mutation. The dog is not affected, but can pass this mutation on to any offspring.

Coat Type Testing		
Hair Length		Not Tested
Hair Curl		Not Tested
Furnishings		Not Tested
Bobtail		Not Tested

Genetic Marker Results							Run Date:
-	-	-	-	-	-	-	Not Tested
AHT121	AHT137	AHT1171	AHT1260	AHT1211	AHT1253	C22-219	
-	-	-	-	-	-	-	
CAN-AMEL	FH2054	FH2848	INRA21	INU005	INU030	INU055	
-	-	-	-	-	-	-	
REN54P11	REN162C04	REN169D01	REN169O18	REN247M23			

<b>Additional Comments</b>
None



VISIONS TWIST OF FATE

DN29778504

BORDER COLLIE

F

12/29/2010

98102007322736

6/16/2016

**CHIC DNA REPOSITORY**

*The dog named above has a DNA sample banked with the CHIC DNA Repository. Any future use or distribution of this sample is within the sole discretion of the CHIC DNA Repository. Pedigree and health survey information remains confidential and will only be released to researchers that have been granted access to the sample. In order to keep the health history on this dog current, please refer to the PIN number above and access the CHIC website at [www.caninehealthinfo.org](http://www.caninehealthinfo.org) for instructions on how to update this dog's record with any significant health changes. The DNA bank number assigned to this dog is:*

**BCO-DNA-79/S**

G.G.KELLER, D.V.M., M.S., DACVR  
CHIEF OF VETERINARY SERVICES

owner

REBECCA INGERSOLL  
202 N CHAPARRAL PL  
BENSON, AZ 85602