

Owner's Details

Wade Robertson
9 Chedworth Ave
Christchurch, NZ

GENETIC ANALYSIS REPORT



Animal's Details

Registered Name: HOTWYR LOCK STOCK AND BARREL
Pet Name: Wyatt
Sex: Male
Lab ID: 12-012326

Registration No. 04910-2010
Microchip No: 941000014103318
Breed: German Wirehair Pointer
Date of Test: 27/12/12
Collected By: Bill Gardyne

Sample with Lab ID Number 12-012326 was received at ASAP Laboratories, DNA was extracted and analysed with the following results reported:

DISEASE(S): VON WILLEBRAND'S DISEASE TYPE I (NORMAL)

TRAIT(S): B (BROWN) LOCUS (Bb)
D (DILUTE) LOCUS (Dd)
EM-LOCUS MELANISTIC MASK ALLELE (EM) (NORMAL)
E-LOCUS (EXTENSION - YELLOW/LEMON/RED/CREAM/APRICOT) (NORMAL)

DNA PROFILE The DNA Profile below represents the genetic identification of HOTWYR LOCK STOCK AND BARREL

CSNP01	CSNP02	CSNP03	CSNP04	CSNP05	CSNP06	CSNP07	CSNP08	CSNP09	CSNP10	CSNP11	CSNP12	CSNP13	CSNP14	CSNP15	CSNP16	CSNP17	CSNP18	CSNP19	CSNP20	CSNP21	CSNP22	
AG	AT	GA	CA	GC	CC	GG	GG	GG	AA	GG	GG	GG	AA	CC	TT	AA	GG	GT	CC	TC	GG	
CSNP23	CSNP25	CSNP26	CSNP27	CSNP28	CSNP29	CSNP30	CSNP31	CSNP32	CSNP33	CSNP34	CSNP35	CSNP36	CSNP37	CSNP38	CSNP39	CSNP40	CSNP41	CSNP42	CSNP43	CSNP44		
AA	GG	GT	AA	GG	AT	GG	CC	AA	CG	TT	CC	AA	GG	CC	TT	CC	GT	CC	CT	GG		
CSNP45	CSNP46	CSNP47	CSNP48	CSNP49	CSNP50	CSNP51	CSNP52	CSNP53	CSNP54	CSNP55	CSNP56	CSNP57	CSNP58	CSNP59	CSNP60	CSNP61	CSNP62	CSNP63	CSNP64	CSNP65	CSNP66	
CA	GG	CC	TC	TC	AA	GG	GG	TT	GG	CC	GT	CC	CA	GT	CC	TA	GG	CC	CC	GG	GT	TA
CSNP67	CSNP68	CSNP69	CSNP70	CSNP71	CSNP72	CSNP73	CSNP74	CSNP75	CSNP76	CSNP77	CSNP78	CSNP79	CSNP80	CSNP81	CSNP82	CSNP83	CSNP84	CSNP85	CSNP86	CSNP87	CSNP88	
AA	TT	TC	TC	GG	GA	CT	CC	CC	GG	CT	GC	TT	GG	GG	TT	TT	CC	AA	CC	AA	GG	



12-012326

Results reviewed and confirmed by:

Dr. Noam Pik BVS MDSV

George Sofronidis BSc (Hons)

EXPLANATION OF RESULTS

NORMAL (N) - no presence of mutation, clear of disease.

CARRIER (C) - one copy of the disease gene is present, will not exhibit disease symptoms.

AFFECTED (1 COPY) - One copy of the disease gene is present, yet due to the dominant mode of inheritance of the disease the animal may show symptoms. Also referred to as Positive Heterozygous.

AFFECTED (A) - 2 copies of the disease gene are present, the animal may show symptoms associated with the disease. Appropriate treatment should be pursued by consulting a veterinarian.

NORMAL BY PARENTAGE HISTORY (NBPH) - the sample submitted has had its parentage confirmed. By definition, this information together with the history submitted for the parents excludes this animal from having this disease.

NRA (No Results Available) - Insufficient information has been provided to provide a result for this test. Sire and Dam information and/or sample may be required. Please contact the laboratory to discuss.

DNA Profile - also known as a DNA fingerprint is unique for the animal. No animal shares the same DNA profile. An individual's DNA profile is inherited from both parents and can be used for verifying parentage (pedigrees). The nomenclature **CSNP** identifies the single nucleotide polymorphism (SNP) at a particular site on the chromosome with each number representing a different site. At each SNP an individual will inherit a DNA base of G, A, T or C. These bases are also colour coded. G is represented by blue, C by green, T by black and A by red. Each SNP will exhibit 2 bases (one from each parent), so if an individual shows the bases GC at CSNP1 then it must inherit either a G or C from the dam and the other base from the sire.

FAIL - The sample submitted has failed to give a conclusive result. Failures are due mainly to quality/quantity of DNA. We strongly advise that another sample be re-collected and submitted. To minimise bacterial contamination you should allow the swab to air dry (stand up) for at least 3 minutes prior to placing them back into the original swab packaging.

PARENTAGE CONFIRMATION - Parentage (pedigree confirmation) can be carried using our web based confirmation tool. (www.asaplab.com.au/parentage)

Test Result

Sample ID: 1301-W-02053
Result Date: 25/01/2013

Veterinary Surgeon

MARNIE CRILLY BVSC
TIMARU'S FAMILY VET
9 LATTER ST
TIMARU
NEW ZEALAND

Owner

RAEWYN LI-ANNE BANK
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Animal Details

Animal:	Dog	Microchip No.	941000014103318
Name	HOTWYR LOCK STOCK AND BARREL (WYATT)	Tattoo No.	
Breed	GERMAN WIREHAired POINTER	KC Registration	04910-2010
Sex	MALE		
D.O.B	30/04/2010		

Sample

Sample Material EDTA BLOOD
Sample Date: 05/01/2013

Test

Test Name: 80142 von Willerbrand disease type II

Result

Genotype: N/N (Clear)
Interpretation: The dog is homozygous normal regarding the intact gene.

The dog is a noncarrier of the defect gene (von Willebrand Disease).

The dog is genetically clear and will not be affected by vWDII.

The dog can pass only the normal gene onto its entire offspring.

The result is only valid for the submitted sample.

Dept. Molecular Biology
LABOKLIN

DIN ISO 17025 ACCREDITED LABORATORY

***** END OF RESULT *****