



PennGen Laboratories | School of Veterinary Medicine | University of Pennsylvania
3900 Delancey Street, Room 4013, Philadelphia, PA 19104
Lab: 215-898-3375 | PennGen@vet.upenn.edu | <http://research.vet.upenn.edu/penngen>
DNA Testing: Owner/Patient Report 10/1/2016

Submitter Information

Owner's Name Arild Halsen

Patient Information

Official Name	Arca Halu Girl Power	DOB	3/6/2013 (3 Years 6 Months)
Call Name	Sasha	Sex	Female (Intact)
Breed	Miniature Schnauzer	Microchip #	578098100427518
Registration #	NO35422/13		

Testing Information

Submission ID	13903	Processed By	Anna L Eringis
Testing Date	10/1/2016	Test	Avian Tuberculosis (MAC)-DNA [Fresh EDTA blood]

Result Information

Genotype	1-1 (Homozygous Normal)
Phenotype	Healthy (Normal, Clear)
Interpretation	Homozygous Normals (1-1) will not develop signs of Avian Tuberculosis (MAC) and none of their offspring will inherit the mutant (diseased) allele (gene). 1 = Normal allele (gene); 2 = Mutant allele (gene).

Sincerely,

Urs Giger, PD, Dr. med. vet., MS, FVH
Dipl. ACVIM, ECVIM, & ECVCP
Charlotte Newton Sheppard Professor

Karthik Raj, MS
Research Specialist
Josephine Deubler Testing Laboratory



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Breed	Miniature Schnauzer	Microchip #	578098100427518
Registration #	NO35422/13		

Testing Information

Submission ID	13903	Processed By	Anna L Eringis
Testing Date	10/1/2016		
Test	Myotonia Congenita-DNA [Fresh EDTA blood]		

Result Information

Genotype	1-1 (Homozygous Normal)
Phenotype	Healthy (Normal, Clear)
Interpretation	Homozygous Normals (1-1) will not develop signs of Myotonia Congenita and none of their offspring will inherit the mutant (diseased) allele (gene). 1 = Normal allele (gene); 2 = Mutant allele (gene).

Sincerely,

Urs Giger, PD, Dr. med. vet., MS, FVH
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