



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 10/27/2016

## Submitter Information

Owner's Name H.C Calkhoven

## Patient Information

Official Name	Bagheera-Jip vd Blessewichof	DOB	3/16/2014 (2 Years 7 Months)
Call Name	Ollie	Sex	Male (Intact)
Breed	Miniature Schnauzer	Microchip #	528140000573293
Registration #	2958506		

## Testing Information

Submission ID	14291	Processed By	Anna L Eringis
Testing Date	10/27/2016		
Test	Avian Tuberculosis (MAC)-DNA [Cheek brushes/swabs]		

## 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