



PennGen Laboratories | School of Veterinary Medicine | University of Pennsylvania  
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DNA Testing: Owner/Patient Report 12/22/2016

## Submitter Information

Owner's Name Margit Emmerstorfer

## Patient Information

Official Name	Apis Fly Ultralight	DOB	1/19/2015 (1 Years 11 Months)
Call Name	Chicco	Sex	Male (Intact)
Breed	Miniature Schnauzer	Microchip #	70510000071485
Registration #	öhzb sz2948		

## Testing Information

Submission ID	15050	Processed By	Anna L Eringis
Testing Date	12/22/2016	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