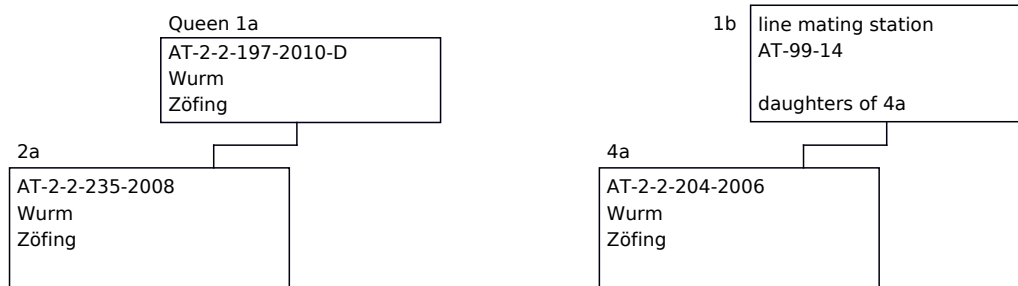


Tester of the queen: Macha, Georg, 28790 Schwanewede, DE-17-85, Apiary 1
 Breeder of the queen: Wurm, Christian, 3441 Zöfing, AT-2-2
1a Studbook number: **AT-2-2-197-2010-D**

Race line: -74 Sign: blue 97 Daughters of Queen: 0%
 Generation: 0 Hatch date: 20.6.2010 Workers: 0%

A. Pedigree



B. Own performance

Performance test year	No. of the colony 27			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
	51	112.3	5	22	45.4
	Assessment*	Breeding values			Reliability
Total breeding value¹	-	104	■		
Honey yield	-	102	■		0.39
Defensive behavior	3.90	93	■		0.62
Steadiness on comb	3.70	90	■		0.65
Swarming drive	4	96	■		0.38
Varroa	-	115	■		0.51
Performance index	-	0			
Robustness in winter	3.90	70% 100% 170%			
Development in Spring	4				
Colony strength	4				

¹In accordance with the resolution of the breeder convention of 9th April 2011, for the total breeding value, Varroa tolerance is weighted by 40% and honey yield, gentleness, calmness during inspection, and swarming tendency are each weighted by 15%.

C. Performance of the sisters

none

D. Body features, see appendix

See attached characteristic documents:

E. Results

Class D

Suitable for use as a drone colony at mating stations.