

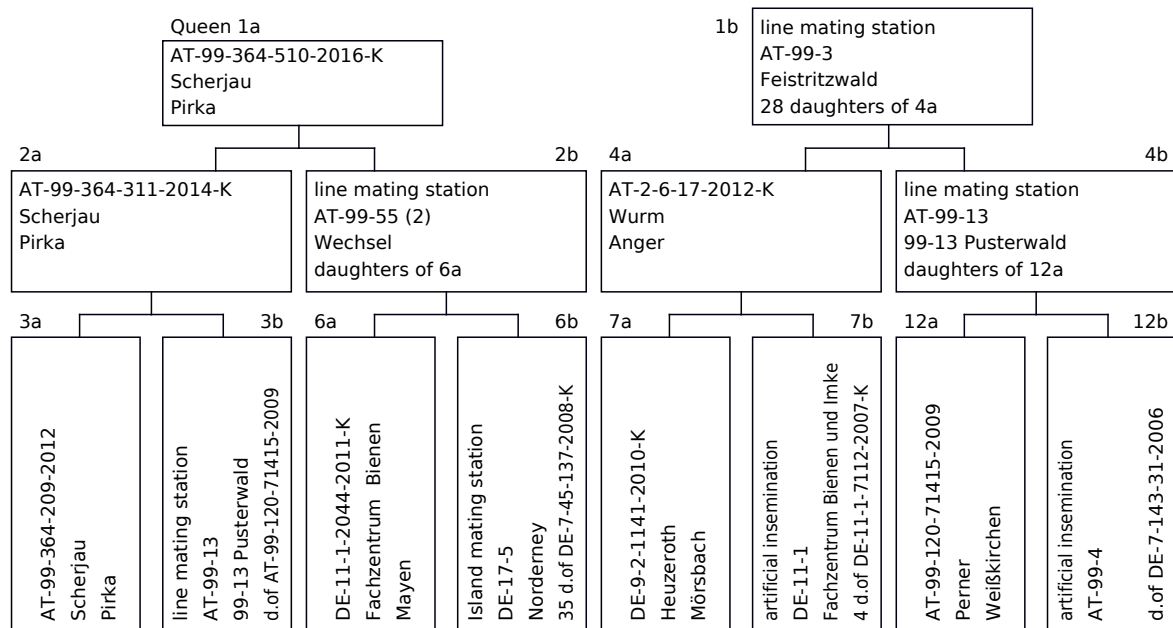
Breeding selection report

AT-99-364-510-2016-K

Tester of the queen: Scherjau, Bioimkerei, 8054 Pirka, AT-99-364, Apiary 1
 Breeder of the queen: Scherjau, Bioimkerei, 8054 Pirka, AT-99-364
1a Studbook number: **AT-99-364-510-2016-K**

Race line: Sign: white Daughters of Queen: 1.7%
 Generation: Hatch date: Workers: 4.8%

A. Pedigree



B. Own performance

Performance test year	No. of the colony			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
	122.2	112.3	9	41	108.8
	Assessment*	Breeding values			Reliability
Total breeding value¹	-	114			
Honey yield	-	124			0.45
Defensive behavior	4	102			0.65
Steadiness on comb	4	103			0.66
Swarming drive	4	103			0.41
Varroa	-	113			0.39
Performance index	-	0			
Robustness in winter	4		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

See page 2

D. Body features, see appendix

See attached characteristic documents:

E. Results

Class Av

Selected for Varroa tolerance. Suitable for breeding with no restrictions; suitable for use as a 4a colony at frequently visited mating stations.

Breeding selection report AT-99-364-510-2016-K

Page 2

Performance of the sisters

Amount of checked sisters: 6

Studbook number	Tester of the queen	Apiary	Total breeding value	Yield kg	Breeding Value Honey	Defensive behavior	Breeding Value Defensive Behavior	Calmness during inspection	Breeding Value Calmness	Swarming drive	Breeding Value Swarming	Varroa-index	Performance index
AT-99-364-509-2016	AT-99-364	1	114	119.4	122	4	102	4	103	4	103	114	
AT-99-364-510-2016-K	AT-99-364	1	114	122.2	124	4	102	4	103	4	103	113	
AT-99-364-511-2016	AT-99-364	1	107	111	114	4	102	3.8	101	4	102	105	
AT-99-364-512-2016	AT-99-364	1	110	117.6	120	4	103	4	103	4	103	106	
AT-99-364-513-2016	AT-99-364	1	109	119	121	3.8	97	3.8	98	4	102	110	
AT-99-364-514-2016	AT-99-364	1	114	126.7	128	4	102	4	102	4	104	112	