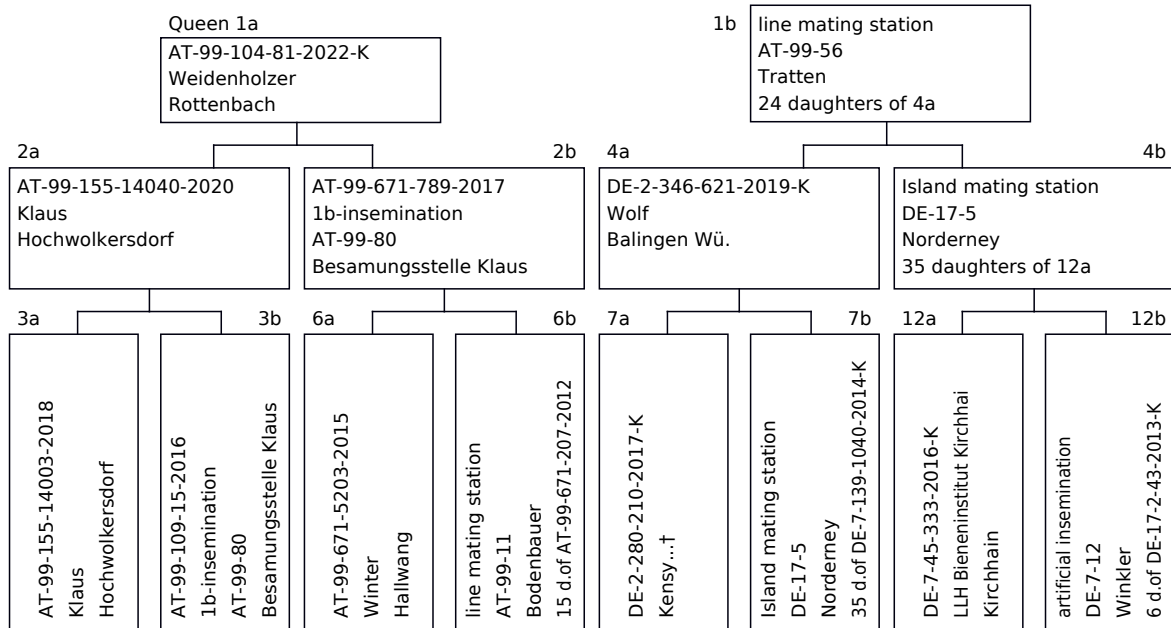









Tester of the queen: Wolf, Christian, 72336 Balingen, DE-19-346, Apiary 3
 Breeder of the queen: Weidenholzer, Johannes, 4681 Rottenbach, AT-99-104
1a Studbook number: **AT-99-104-81-2022-K**

Race line: Sign: yellow 81
 Generation: 7 Hatch date: Daughters of Queen: 2.8%
 Workers: 0.6%

A. Pedigree



B. Own performance

Performance test year	No. of the colony 41			comparable colonies at the apiary		
	kg	%	Ranking	number	Yield average kg	
	51	144.3	1	5	35.3	
	Assessment*	Breeding values			Reliability	
Total breeding value¹	-	114				
Honey yield	-	121				0.48
Defensive behavior	3.70	110				0.57
Steadiness on comb	3	108				0.56
Swarming drive	4	105				0.44
Varroa	-	110				0.54
Performance index	-	113				0.48
Robustness in winter	3.50		70%	100%	170%	
Development in Spring	3.50					
Colony strength	3.70					

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-99-104-81-2022-K

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Performance of the sisters

Amount of checked sisters: 12

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-99-697-91-2022	AT-99-175	1	112		121		107		107		104	108	111
AT-99-697-92-2022	AT-99-175	1	111		119		108		107		104	106	111
AT-99-697-156-2022	AT-99-175	1	112		118		108		108		104	108	111
AT-99-697-277-2022	AT-99-175	1	111		120		107		106		104	106	111
AT-99-697-90-2022	AT-99-697	1	111		120		106		106		104	107	111
AT-99-697-97-2022	AT-99-697	1	111		121		107		106		104	106	111
AT-99-697-271-2022	AT-99-697	1	112		121		107		106		104	107	111
AT-99-697-371-2022	AT-99-697	1	111		117		107		106		103	107	110
AT-99-104-78-2022	DE-19-346	2	111	100	120	3.7	108	3.5	107	3	100	106	111
AT-99-104-80-2022	DE-19-346	2	114	81.5	120	3.8	110	3.5	108	4	106	109	113
AT-99-104-82-2022-K	DE-19-346	2	109	73	118	3.7	108	3.5	107	4	100	(103)	110
AT-99-104-81-2022-K	DE-19-346	3	114	51	121	3.7	110	3	108	4	105	110	113