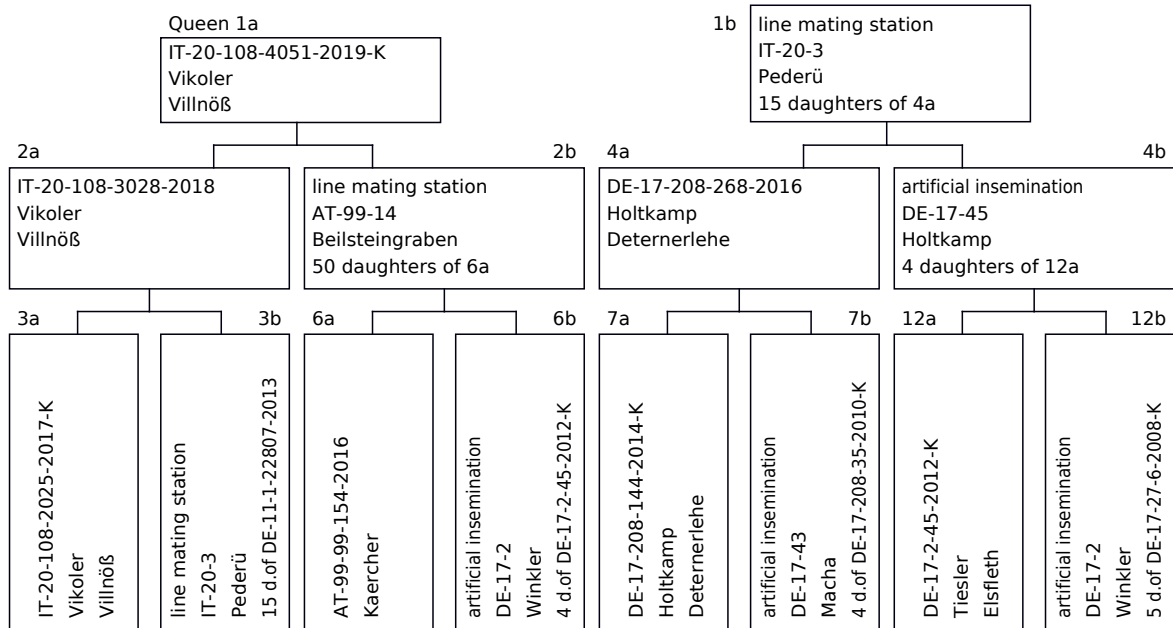


Breeding selection report

IT-20-108-4051-2019-K

Tester of the queen:	Vikoler, Gabriel, Villnöß, IT-20-108, Apiary 1	
Breeder of the queen:	Vikoler, Gabriel, Villnöß, IT-20-108	
1a Studbook number:	IT-20-108-4051-2019-K	
Race line: -P11	Sign: green 80	Daughters of Queen: 1.6%
Generation: 3	Hatch date:	Workers: 4.3%

A. Pedigree



B. Own performance

Performance test year	No. of the colony 51			comparable colonies at the apiary		
	kg	%	Ranking	number	Yield average kg	
	20.7	144	1	15	14.4	
	Assessment*		Breeding values			Reliability
Total breeding value¹	-	107	■			
Honey yield	-	112	■			0.46
Defensive behavior	3.90	101	■			0.55
Steadiness on comb	3.90	105	■			0.55
Swarming drive	4	103	■			0.35
Varroa	-	105	■			0.5
Performance index	-	106	■			0.46
Robustness in winter	3.50	70% 100% 170%				
Development in Spring	3.50					
Colony strength	3.50					

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

none Analysis of race characteristics

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 IT-20-108-4051-2019-K

Page 2

Performance of the sisters

Amount of checked sisters: 2

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
IT-20-108-4046-2019	IT-20-108	1	103	15.4	107	3.3	101	3.3	105	4	103	106	99
IT-20-108-4051-2019-K	IT-20-108	1	107	20.7	112	3.9	101	3.9	105	4	103	105	106