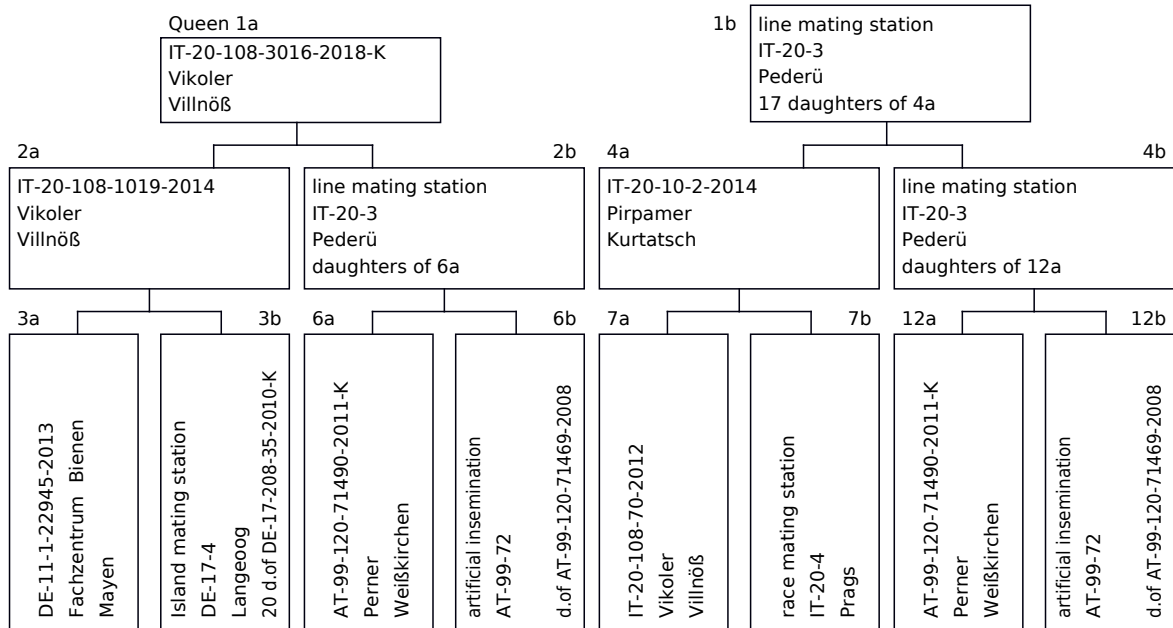


Breeding selection report

IT-20-108-3016-2018-K

Tester of the queen:	Vikoler, Gabriel, Villnöß, IT-20-108, Apiary 3	
Breeder of the queen:	Vikoler, Gabriel, Villnöß, IT-20-108	
1a Studbook number:	IT-20-108-3016-2018-K	
Race line:	Sign: red 3	Daughters of Queen: 0.2%
Generation: 6	Hatch date:	Workers: 5.8%

A. Pedigree



B. Own performance

Performance test year	No. of the colony 16			comparable colonies at the apiary		
	kg	%	Ranking	number	Yield average kg	
	16.2	158.8	1	7	10.2	
	Assessment*	Breeding values			Reliability	
Total breeding value¹	-	102	█			
Honey yield	-	108	█			0.48
Defensive behavior	4	106	█			0.58
Steadiness on comb	3.80	106	█			0.58
Swarming drive	4	108	█			0.35
Varroa	-	92	█			0.51
Performance index	-	108	█			0.48
Robustness in winter	4	70% 100% 170%				
Development in Spring	3					
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

none Analysis of race characteristics

E. Results

Class B
Suitable for breeding.

Breeding selection report IT-20-108-3016-2018-K

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Performance of the sisters

Amount of checked sisters: 11

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-20-108-59-2018	IT-20-50	1	101		105		105		105		105	95	105
IT-20-108-61-2018	IT-20-50	1	104		110		103		105		107	96	107
IT-20-108-63-2018	IT-20-68	1	100		103		103		104		106	93	104
IT-20-108-3021-2018	IT-20-108	1	100	11.8	109	3.4	98	3.3	99	4	106	94	103
IT-20-108-3016-2018-K	IT-20-108	3	102	16.2	108	4	106	3.8	106	4	108	92	108
IT-20-108-60-2018	IT-20-118	1	102		105		104		104		106	94	105
IT-20-108-57-2018	IT-20-128	1	103		104		106		105		107	95*	106
IT-20-108-56-2018	IT-20-163	1	104		111		105		106		107	96*	109
IT-20-108-58-2018	IT-20-261	1	96		105		90		94		104	93	98
IT-20-108-62-2018	IT-20-261	1	101		104		106		107		109	91	108
IT-20-108-64-2018	IT-20-261	1	104		109		104		107		105	97	107

Only one Varroa trait was recorded