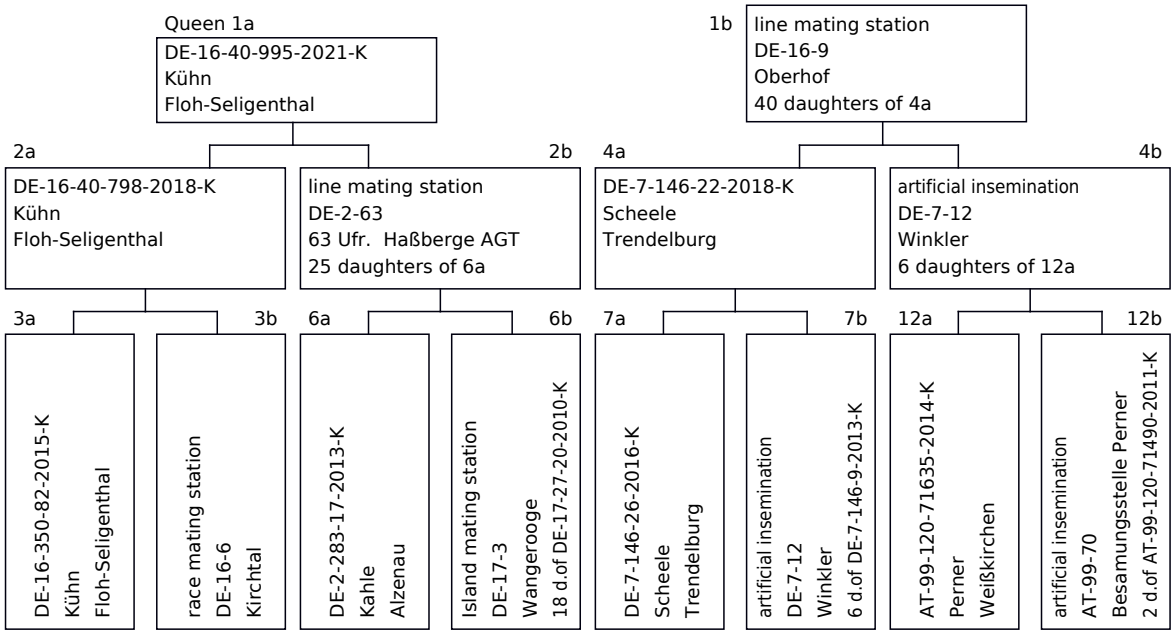
DEUTSCHER IMKERBUND E.V.

Breeding selection report
DE-16-40-995-2021-K

Tester of the queen:	Kunz, Ralf, 07407 Rudolstadt, DE-16-351, Apiary 1	
Breeder of the queen:	Kühn, Hans-Peter, 98593 Floh-Seligenthal, DE-16-40	
1a Studbook number:	**DE-16-40-995-2021-K**	
		Daughters of
Race line:	Sign: white 88	Queen: 0.3%
Generation:	Hatch date:	Workers: 0.9%

A. Pedigree



B. Own performance

	No. of the colony			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	96	154.6	2	6	62.1

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	111	
Honey yield	-	102	0.44
Defensive behavior	4	112	0.54
Steadiness on comb	3.50	109	0.54
Swarming drive	4	101	0.42
Varroa	-	111	0.5
Performance index	-	107	0.44
Robustness in winter			
Development in Spring			
Colony strength	4		

70% 100% 170%

[1]In 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.

03.04.2023

For the correctness DE-16

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Performance of the sisters

Amount of checked sisters: 7

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 during inspection	Swarming drive	Breeding Value Swarming drive	Varroa-index	Performance ndex
DE-16-40-989-2021	DE-16-318	1	108		100		110		109		103	107	106
DE-16-40-991-2021	DE-16-336	3	105		97		108		104		105	104	104
DE-16-40-986-2021	DE-16-337	2	107		100		108		106		100	107	104
DE-16-40-987-2021	DE-16-337	2	107		101		109		108		101	104	106
DE-16-40-992-2021	DE-16-337	2	110		103		107		107		101	111	105
DE-16-40-993-2021	DE-16-351	1	108	78	105	3.5	108	3.5	110	4	98	107	106
DE-16-40-995-2021-K	DE-16-351	1	111	96	102	4	112	3.5	109	4	101	111	107