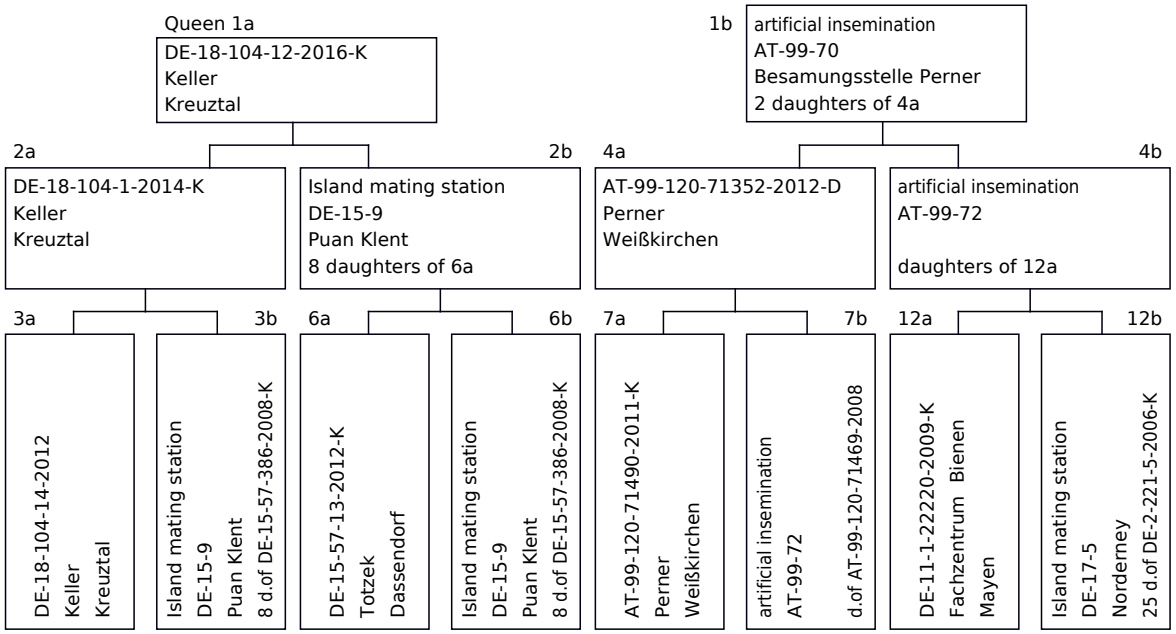
DEUTSCHER IMKERBUND E.V.

Breeding selection report
DE-18-104-12-2016-K

Landesverband Westfälischer & Lippischer Imker e.V.

Tester of the queen:	Keller, Frank, 57223 Kreuztal, DE-18-104, Apiary 1	
Breeder of the queen:	Keller, Frank, 57223 Kreuztal, DE-18-104	
1a Studbook number:	**DE-18-104-12-2016-K**	
		Daughters of
Race line: -3	Sign: white 73	Queen: 7.0%
Generation: 1	Hatch date: 21.06.2016	Workers: 0.3%

A. Pedigree



B. Own performance

	No. of the colony 18-104/3			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	66	97.6	5	8	67.6

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	117	
Honey yield	-	104	0.35
Defensive behavior	4	110	0.55
Steadiness on comb	4	109	0.55
Swarming drive	4	102	0.31
Varroa	-	125	0.27
Performance index	-	0	
Robustness in winter	3		
Development in Spring	3.60		
Colony strength	3.60		

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.

11.06.2018

For the correctness DE-18

Breeding selection report DE-18-104-12-2016-K

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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	Calmness during inspection	Breeding Value Calmness	Swarming drive	Breeding Value Swarming	Varroa-index	Performance ndex
DE-18-104-12-2016-K	DE-18-104	1	117	66	104	4	110	4	109	4	102	125	
DE-18-104-13-2016	DE-18-104	1	101	61	96	3.8	106	4	107	4	100	98	
DE-18-504-81-2016	DE-18-104	1	110	68	107	4	106	3.9	104	4	102	112	
DE-18-504-88-2016	DE-18-104	1	116	68	107	4	106	3.9	104	4	102	123	
DE-18-104-10-2016	DE-18-104	2	110	54	99	4	112	4	112	4	103	108	
DE-18-104-11-2016	DE-18-104	2	103	46	90	3.4	99	4	103	4	101	110	