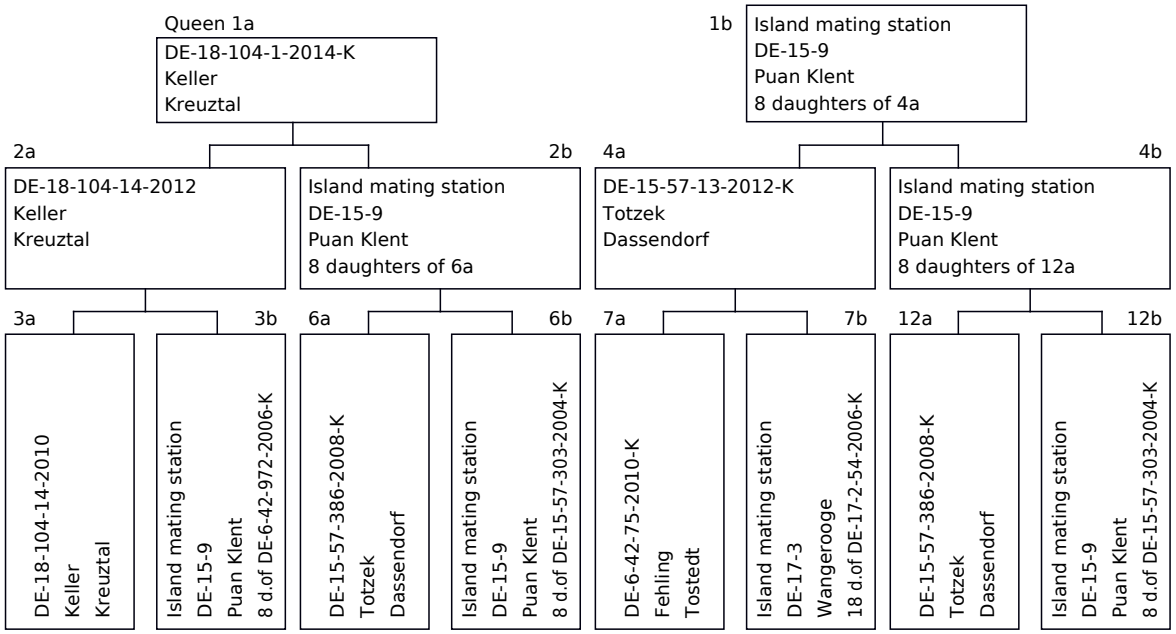
DEUTSCHER IMKERBUND E.V.

Breeding selection report
DE-18-104-1-2014-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-18-104-1-2014-K**	
Race line: -1	Sign: green 5	Daughters of Queen: 0%
Generation: 10	Hatch date: 21.06.2014	Workers: 7.1%

A. Pedigree



B. Own performance

	No. of the colony 1			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	68	108.2	1	7	62.9

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	119	
Honey yield	-	111	0.33
Defensive behavior	4	114	0.53
Steadiness on comb	4	112	0.56
Swarming drive	4	104	0.34
Varroa	-	121	0.45
Performance index	-	0	
Robustness in winter	3.50		
Development in Spring	3.50		
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.

20.07.2016

For the correctness DE-18

Breeding selection report DE-18-104-1-2014-K

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Performance of the sisters

Amount of checked sisters: 16

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-18-104-1-2014-K	DE-18-104	1	119	68	111	4	114	4	112	4	104	121	
DE-18-104-2-2014	DE-18-104	1	105	62	102	3.8	105	4	105	4	100	105	
DE-18-104-3-2014	DE-18-104	1	94	58	95	3.8	98	3.8	98	4	98	93	
DE-18-104-4-2014	DE-18-104	1	106	64	105	3.8	106	4	105	4	101	106	
DE-18-104-5-2014	DE-18-104	1	109	68	108	3.6	100	4	98	4	95	117	
DE-18-104-7-2014	DE-18-104	1	108	58	96	3.6	99	4	96	4	90	123	
DE-18-104-8-2014	DE-18-104	1	104	62	103	4	113	4	114	4	108	93	
DE-18-104-9-2014	DE-18-104	2	108	76	112	3.9	98	3.9	96	4	99	114	
DE-18-104-10-2014	DE-18-104	2	92	54	91	4	105	4	106	4	105	81	
DE-18-104-11-2014	DE-18-104	2	115	72	110	4	107	4	105	4	102	119	
DE-18-104-12-2014	DE-18-104	2	107	70	107	4	107	4	106	3	89	111	
DE-18-104-13-2014	DE-18-104	2	105	58	96	4	106	4	104	4	100	107	
DE-18-104-14-2014	DE-18-104	2	105	60	98	4	106	4	105	4	100	107	
DE-18-104-16-2014	DE-18-104	2	114	70	108	4	107	4	105	4	101	119	
DE-18-104-6-2014	DE-18-404	1	108		108		108		107		100	107	
DE-18-104-15-2014	DE-18-404	1	105		98		102		101		98	110	