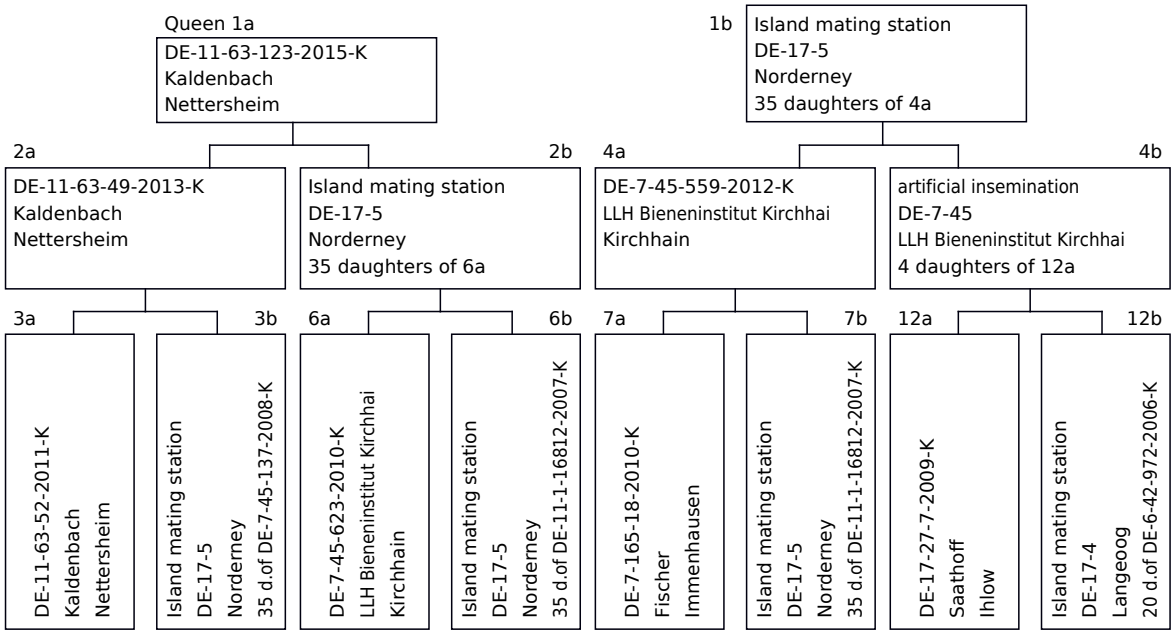
DEUTSCHER IMKERBUND E.V.

Breeding selection report
DE-11-63-123-2015-K

IMKERVERBAND RHEINLAND E.V.

Tester of the queen:	Kaldenbach, Klaus, 53947 Nettersheim, DE-11-63, Apiary 1	
Breeder of the queen:	Kaldenbach, Klaus, 53947 Nettersheim, DE-11-63	
1a Studbook number:	**DE-11-63-123-2015-K**	
		Daughters of
Race line:	Sign: blue 68	Queen: 3.0%
Generation: 5	Hatch date: 9.6.2015	Workers: 2.9%

A. Pedigree



B. Own performance

	No. of the colony			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	5	34.3	7	8	14.6

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	130	
Honey yield	-	101	0.41
Defensive behavior	4	122	0.6
Steadiness on comb	4	117	0.62
Swarming drive	4	109	0.42
Varroa	-	141	0.52
Performance index	-	0	
Robustness in winter			
Development in Spring			
Colony strength			

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.

16.06.2017

For the correctness DE-11

Breeding selection report DE-11-63-123-2015-K

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Performance of the sisters

Amount of checked sisters: 13

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	Swarming drive	Breeding Value Swarming drive	Varroa-index	Performance ndex
DE-11-63-96-2015	DE-11-63	1	103	9.8	99		(102)		(102)		(109)	103	
DE-11-63-123-2015-K	DE-11-63	1	130	5	101	4	122	4	117	4	109	141	
DE-11-63-111-2015-K	DE-11-63	2	125	4.7	99	4	109	4	104	4	101	144	
DE-11-63-116-2015	DE-11-63	2	106	16.7	105	4	104	3.8	104	4	113	101	
DE-11-63-124-2015	DE-11-63	2	126	25	113	4	111	4	107	4	108	137	
DE-11-63-92-2015	DE-11-63	3	122	7.8	106	4	114	4	111	4	109	128	
DE-11-63-99-2015	DE-11-63	3	121	19.2	114	4	114	4	113	4	114	122	
DE-11-63-118-2015	DE-11-124	1	100		94		94		93		104	106	
DE-11-63-100-2015	DE-11-139	2	110		100		105		103		113	111	
DE-11-63-103-2015	DE-11-139	2	108		90		97		93		102	123	
DE-11-63-105-2015	DE-11-139	2	94		100		82		82		104	100	
DE-11-63-107-2015	DE-11-161	1	110		91		101		98		93	126	
DE-11-63-109-2015	DE-11-161	1	102		99		103		104		115	97	