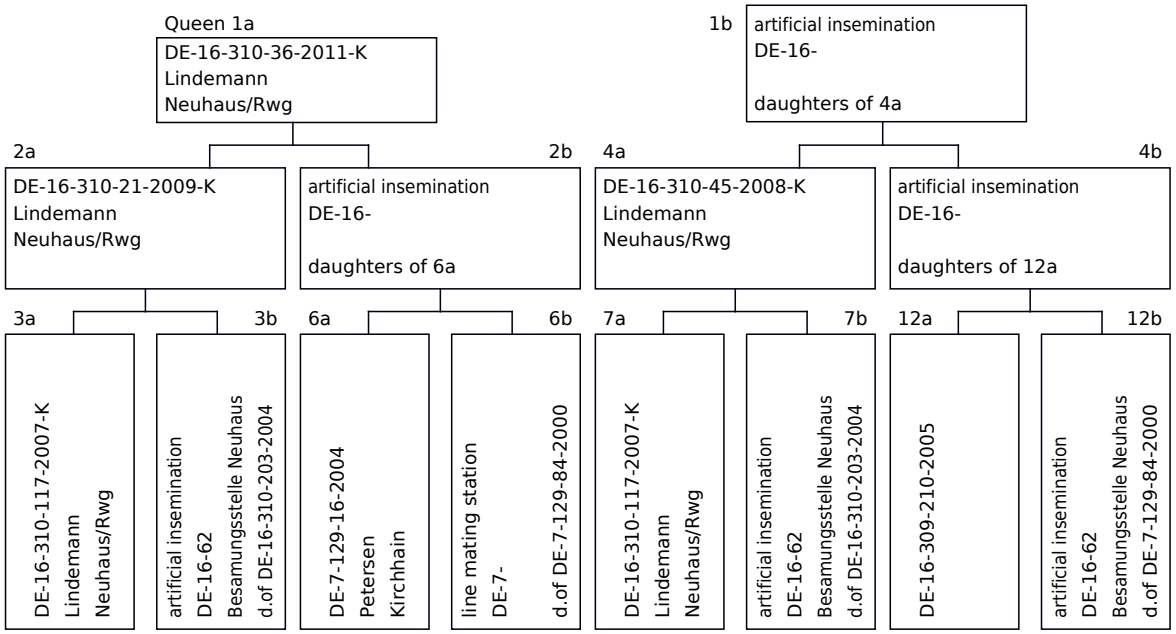
DEUTSCHER IMKERBUND E.V.

Breeding selection report
DE-16-310-36-2011-K

Tester of the queen:	Krause, Achim, 99510 Eckolstädt, DE-16-334, Apiary 10	
Breeder of the queen:	Lindemann, Uwe, 98724 Neuhaus/Rwg, DE-16-310	
1a Studbook number:	**DE-16-310-36-2011-K**	
		Daughters of
Race line:	Sign: white 82	Queen: 2.6%
Generation: 23	Hatch date: 03.06.2011	Workers: 7.8%

A. Pedigree



B. Own performance

	No. of the colony			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	46.8	102.2	4	5	45.8

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	109	
Honey yield	-	102	0.39
Defensive behavior	3.80	108	0.57
Steadiness on comb	3.60	107	0.6
Swarming drive	4	112	0.39
Varroa	-	107	0.49
Performance index	-	0	
Robustness in winter			
Development in Spring			
Colony strength	3		

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.

23.10.2013

For the correctness DE-16

Breeding selection report DE-16-310-36-2011-K

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Performance of the sisters

Amount of checked sisters: 10

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-16-310-18-2011	DE-16-310	1	97		83		98		96		96	104*	
DE-16-310-26-2011	DE-16-310	1	86		80		94		95		96	87*	
DE-16-310-42-2011-K	DE-16-310	1	109		100		103		101		99	115*	
DE-16-310-53-2011	DE-16-310	1	98		94		92		91		95	106*	
DE-16-310-41-2011	DE-16-318	1	97		103		103		104		106	89	
DE-16-310-36-2011-K	DE-16-334	10	109	46.8	102	3.8	108	3.6	107	4	112	107	
DE-16-310-35-2011	DE-16-336	8	83		93		90		92		91	81	
DE-16-310-40-2011	DE-16-336	8	80		73		78		77		96	91	
DE-16-310-32-2011	DE-16-337	11	94		99		92		93		103	93	
DE-16-310-38-2011	DE-16-337	11	96		107		91		92		89	100	

Only one Varroa trait was recorded