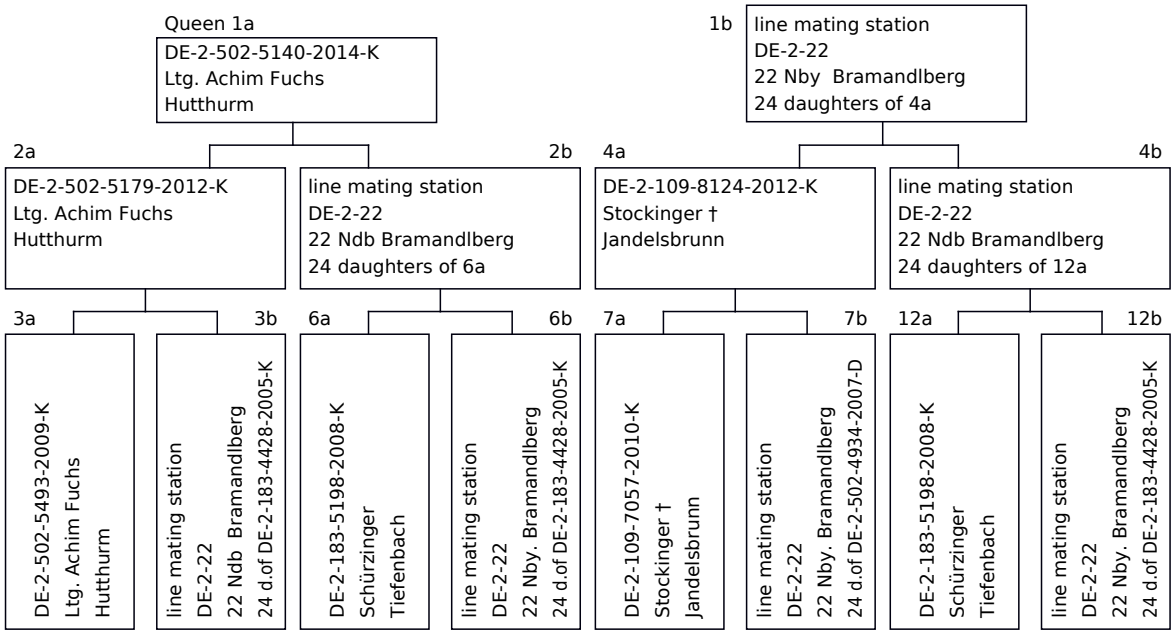
DEUTSCHER IMKERBUND E.V.

Breeding selection report
DE-2-502-5140-2014-K

LVBI

Tester of the queen:	Ltg. Achim Fuchs, Prüfhof Kringell, 94116 Hutthurm, DE-2-502, Apiary 2	
Breeder of the queen:	Ltg. Achim Fuchs, Prüfhof Kringell, 94116 Hutthurm, DE-2-502	
1a Studbook number:	**DE-2-502-5140-2014-K**	
		Daughters of
Race line:	Sign: green 40	Queen: 11.3%
Generation: 17	Hatch date: 06.05.2014	Workers: 13.3%

A. Pedigree



B. Own performance

	No. of the colony			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	61.4	157.7	1	34	38.9

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	132	
Honey yield	-	126	0.49
Defensive behavior	4	132	0.69
Steadiness on comb	4	132	0.71
Swarming drive	4	109	0.48
Varroa	-	124	0.57
Performance index	-	0	
Robustness in winter	3		
Development in Spring	4		
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.

12.02.2016

For the correctness DE-2

Breeding selection report DE-2-502-5140-2014-K

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Performance of the sisters

Amount of checked sisters: 12

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-2-502-5163-2014-K	DE-2-501	1	110		101		99		97		92	124	
DE-2-502-5166-2014	DE-2-501	1	102		103		99		100		82	111	
DE-2-502-5170-2014-K	DE-2-501	1	111		104		102		99		82	127	
DE-2-502-5171-2014	DE-2-501	1	88		94		95		97		80	89	
DE-2-502-5134-2014-K	DE-2-502	2	108	37.2	105	3.7	116	3.7	117	3	91	104	
DE-2-502-5136-2014-K	DE-2-502	2	122	43.1	111	3.7	121	3.9	120	4	99	124	
DE-2-502-5139-2014-K	DE-2-502	2	123	60.3	121	3.7	118	3.7	117	3	91	128	
DE-2-502-5140-2014-K	DE-2-502	2	132	61.4	126	4	132	4	132	4	109	124	
DE-2-502-5149-2014-K	DE-2-502	2	110	36.5	106	3.5	117	3.9	117	4	99	105	
DE-2-502-5147-2014-K	DE-2-503	3	108		109		113		115		92	104	
DE-2-502-5165-2014-K	DE-2-503	3	111		109		114		114		101	107	
DE-2-502-5167-2014-K	DE-2-503	3	125		111		120		119		98	131	