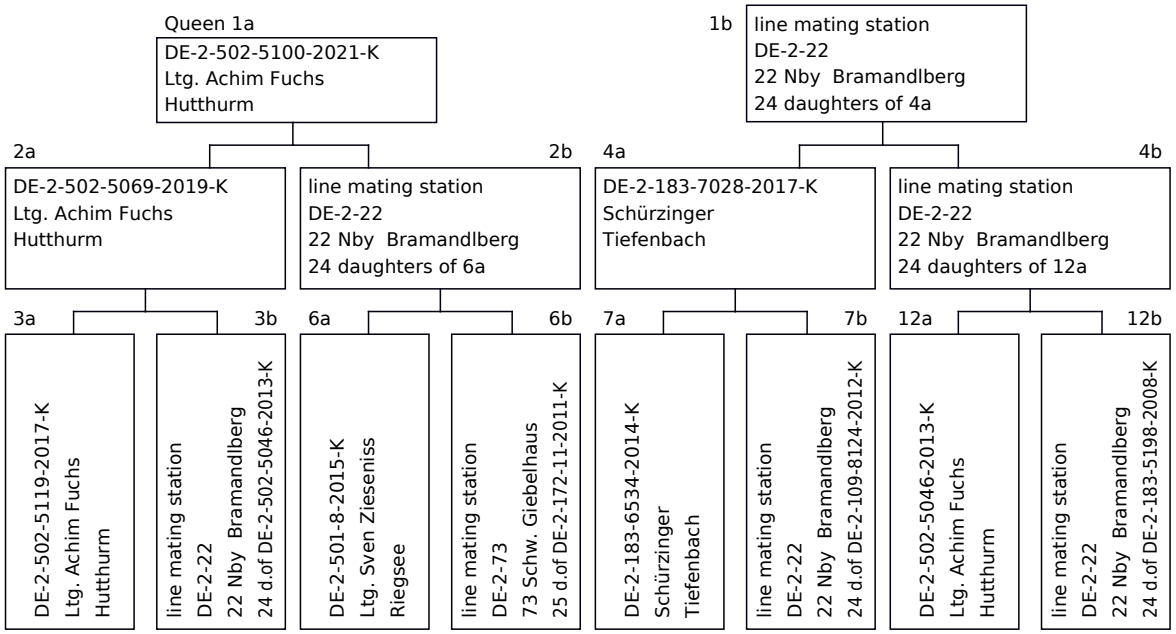
DEUTSCHER IMKERBUND E.V.

Breeding selection report
DE-2-502-5100-2021-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-2-502-5100-2021-K**	
		Daughters of
Race line:	Sign: white 100	Queen: 0.5%
Generation: 24	Hatch date: 08.06.2021	Workers: 9.9%

A. Pedigree



B. Own performance

	No. of the colony			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	13	84.4	42	74	15.4

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	117	
Honey yield	-	107	0.54
Defensive behavior	3.50	125	0.63
Steadiness on comb	3.30	122	0.63
Swarming drive	4	103	0.58
Varroa	-	112	0.59
Performance index	-	116	0.54
Robustness in winter	2		
Development in Spring	2		
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.

18.02.2023

For the correctness DE-2

Breeding selection report DE-2-502-5100-2021-K

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Performance of the sisters

Amount of checked sisters: 4

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-2-502-5007-2021-K	DE-2-502	2	113	17.3	109	3.6	125	3.3	122	4	103	102	117
DE-2-502-5015-2021-K	DE-2-502	2	114	5.5	105	3.1	121	3	118	4	102	110	113
DE-2-502-5018-2021-K	DE-2-502	2	108	15.1	107	2.4	112	2.3	110	4	100	103	108
DE-2-502-5100-2021-K	DE-2-502	2	117	13	107	3.5	125	3.3	122	4	103	112	116