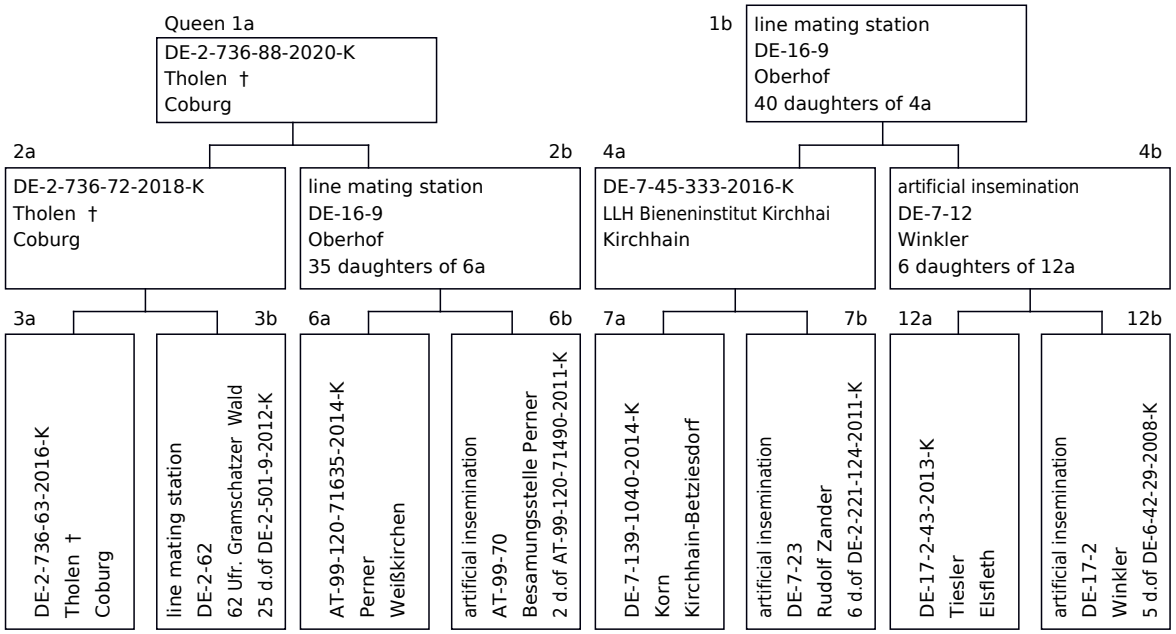
Breeding selection report
DE-2-736-88-2020-K

DEUTSCHER IMKERBUND E.V.

LVBI

Tester of the queen:	Ltg. Achim Fuchs, Prüfhof Kringell, 94116 Hutthurm, DE-2-502, Apiary 2	
Breeder of the queen:	Tholen †, Angela, 96450 Coburg, DE-2-736	
1a Studbook number:	**DE-2-736-88-2020-K**	
		Daughters of
Race line: -736	Sign: blue 88	Queen: 0.1%
Generation: 5	Hatch date: 28.05.2020	Workers: 0.7%

A. Pedigree



B. Own performance

	No. of the colony			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	43.8	142.1	5	47	30.8

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	115	
Honey yield	-	113	0.48
Defensive behavior	3.60	120	0.56
Steadiness on comb	3.60	118	0.56
Swarming drive	4	109	0.53
Varroa	-	107	0.54
Performance index	-	117	0.48
Robustness in winter	4		
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.

15.02.2022

For the correctness DE-2

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Performance of the sisters

Amount of checked sisters: 15

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-2-736-85-2020-K	DE-2-502	2	109	37.6	111	3	113	3.2	112	4	108	100	113
DE-2-736-86-2020-K	DE-2-502	2	109	29.7	108	2.7	109	2.8	108	4	107	105	109
DE-2-736-87-2020	DE-2-502	2	112	34.6	110	3	113	3.2	112	4	108	106	112
DE-2-736-88-2020-K	DE-2-502	2	115	43.8	113	3.6	120	3.6	118	4	109	107	117
DE-2-736-89-2020-K	DE-2-502	2	112	15	103	3.7	121	3.4	117	4	109	103	114
DE-2-736-66-2020-K	DE-2-503	3	105		111		111		109		104	94	110
DE-2-736-81-2020	DE-2-503	3	101		106		109		105		103	91	107
DE-2-736-93-2020-K	DE-2-503	3	109		107		110		107		110	103	110
DE-2-736-94-2020-K	DE-2-503	3	112		112		114		112		111	104	114
DE-2-736-74-2020	DE-2-736	1	108		106		113		111		93	106	106
DE-2-736-75-2020	DE-2-736	1	114		111		115		113		111	108	114
DE-2-736-76-2020-K	DE-2-736	1	106		105		109		110		92	105	105
DE-2-736-73-2020	DE-2-736	2	106		108		107		104		105	101*	107
DE-2-736-77-2020	DE-2-736	2	111		108		114		112		113	103*	113

Only one Varroa trait was recorded