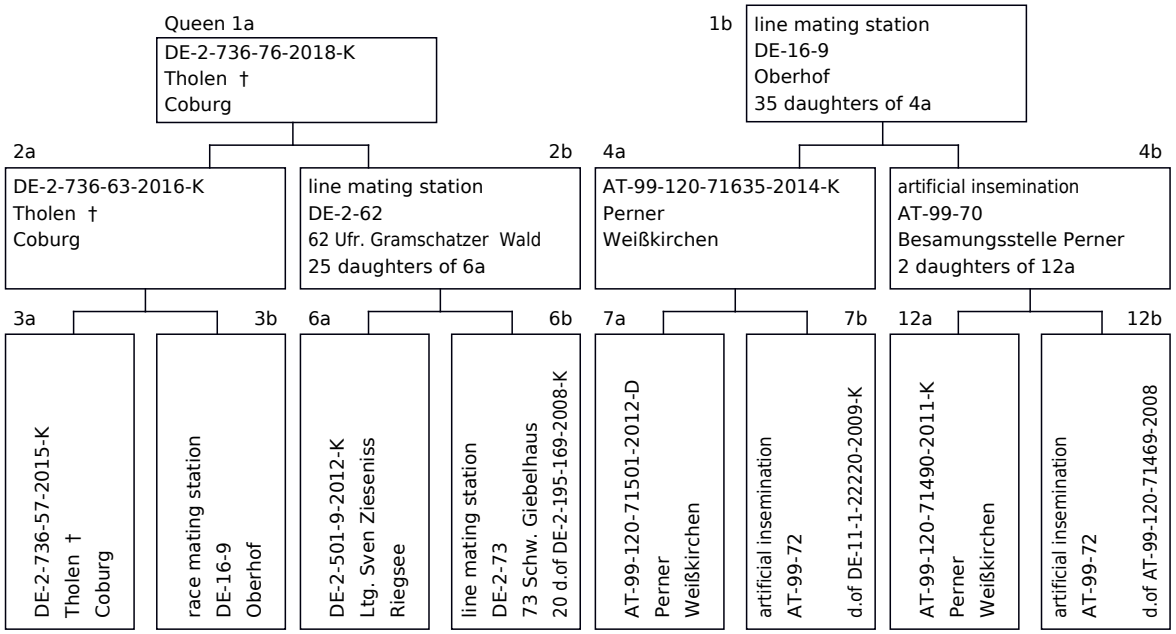
DEUTSCHER IMKERBUND E.V.

Breeding selection report
DE-2-736-76-2018-K

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-2-736-76-2018-K**	
		Daughters of
Race line:	Sign: red 76	Queen: 1.6%
Generation: 4	Hatch date: 23.05.2018	Workers: 0.1%

A. Pedigree



B. Own performance

	No. of the colony			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	11	102.3	22	52	10.8

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	113	
Honey yield	-	112	0.43
Defensive behavior	2.50	112	0.55
Steadiness on comb	2.70	112	0.55
Swarming drive	4	111	0.43
Varroa	-	106	0.29
Performance index	-	113	0.5
Robustness in winter	1.50		
Development in Spring	2		
Colony strength	1.80		

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.

14.02.2020

For the correctness DE-2

Breeding selection report DE-2-736-76-2018-K

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Performance of the sisters

Amount of checked sisters: 14

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-2-319-70-2018	DE-2-240	5	110		108		114		119		105	101	111
DE-2-319-46-2018	DE-2-319	1	109		110		117		116		102	98*	112
DE-2-736-75-2018-K	DE-2-502	2	108	7.1	108	2.5	112	2.6	111	4	111	98	111
DE-2-736-76-2018-K	DE-2-502	2	113	11	112	2.5	112	2.7	112	4	111	106	113
DE-2-736-77-2018**	DE-2-502	2	113		(111)		(117)		(116)		(111)	(103)	115
DE-2-736-78-2018**	DE-2-502	2	113		(111)		(117)		(116)		(111)	(103)	115
DE-2-736-79-2018-K	DE-2-502	2	115	16.8	118	3.3	123	3.5	123	4	112	99	121
DE-2-736-71-2018-K	DE-2-503	3	108		106		113		112		114	96	112
DE-2-736-72-2018-K	DE-2-503	3	115		113		117		115		114	104	116
DE-2-736-73-2018**	DE-2-503	3	113		(111)		(117)		(116)		(111)	(103)	115
DE-2-736-74-2018-K	DE-2-503	3	116		114		117		117		114	105	117
DE-2-736-4-2018	DE-2-736	1	103		105		106		103		110	94	106
DE-2-736-80-2018-K	DE-2-736	2	113		117		116		112		113	101	116
DE-2-736-81-2018	DE-2-736	2	114		112		119		117		114	103	117

Only one Varroa trait was recorded

Colony without performance tests