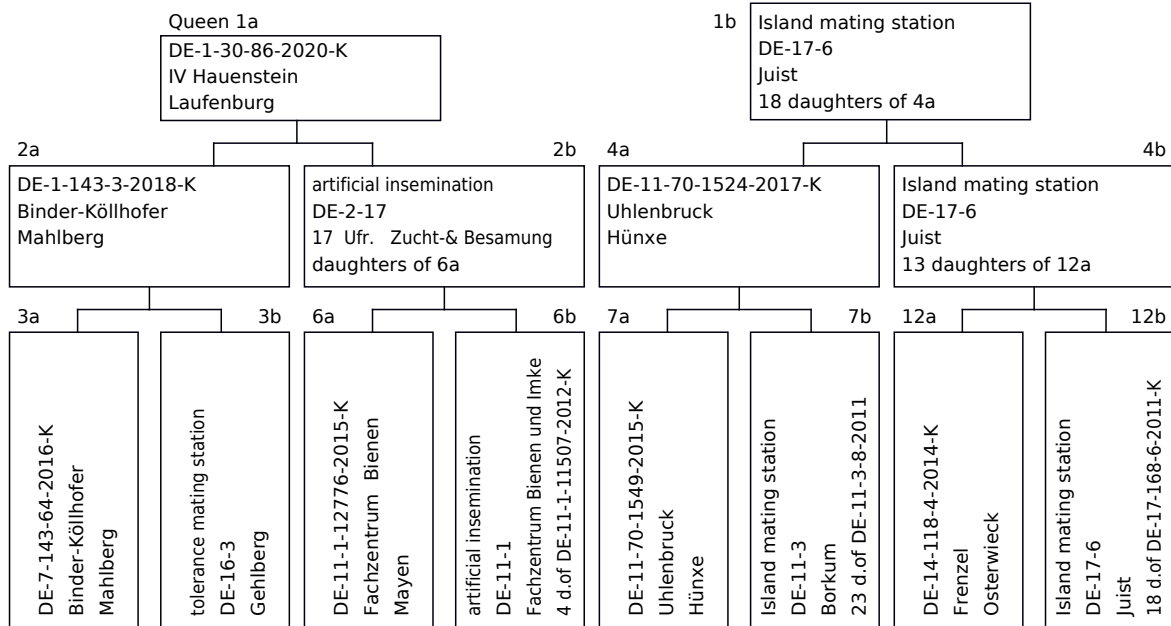




Tester of the queen: Famulla, Leo, 79395 Grißheim, DE-1-1, Apiary 1  
 Breeder of the queen: IV Hauenstein, Thomas Walter Schlachter, 79725 Laufenburg, DE-1-30  
**1a** Studbook number: **DE-1-30-86-2020-K**

Race line: -AGT Sign: blue Daughters of Queen: 1.3%  
 Generation: 1 Hatch date: 01.06.2020 Workers: 0.2%

### A. Pedigree



### B. Own performance

Performance test year	No. of the colony			comparable colonies at the apiary		
	kg	%	Ranking	number	Yield average kg	
	20	136.8	3	15	14.6	
	Assessment*	Breeding values				Reliability
<b>Total breeding value<sup>1</sup></b>	-	111				
Honey yield	-	111				0.4
Defensive behavior	4	108				0.5
Steadiness on comb	4	107				0.5
Swarming drive	4	109				0.36
Varroa	-	106				0.46
Performance index	-	110				0.4
Robustness in winter	4		70%	100%	170%	
Development in Spring	4					
Colony strength	4					

<sup>1</sup>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.

# Breeding selection report DE-1-30-86-2020-K

## Page 2

### 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	Swarming drive	Breeding Value Swarming	Varroa-index	Performance index
DE-1-30-85-2020	DE-1-1	1	107	9.5	106	4	109	4	109	4	109	100	109
DE-1-30-86-2020-K	DE-1-1	1	111	20	111	4	108	4	107	4	109	106	110
DE-1-30-68-2020-K	DE-1-30	1	108		106		105		105		106	105	106
DE-1-30-70-2020	DE-1-30	1	112		116		113		109		110	105	114
DE-1-30-71-2020	DE-1-30	1	105		106		106		105		109	99	107
DE-1-30-72-2020	DE-1-30	1	108		105		103		100		108	107	105
DE-1-30-73-2020	DE-1-30	1	108		110		109		106		103	104	108
DE-1-30-74-2020	DE-1-30	1	107		110		105		105		109	101	108
DE-1-30-75-2020	DE-1-30	1	108		105		106		105		106	106	106
DE-1-30-76-2020	DE-1-30	1	108		110		105		104		106	105	107
DE-1-30-77-2020	DE-1-30	1	106		109		101		103		109	102	106
DE-1-30-79-2020	DE-1-30	1	105		109		101		103		109	100	106
DE-1-30-80-2020	DE-1-30	1	109		104		109		106		103	107	107
DE-1-30-81-2020	DE-1-30	1	108		106		106		105		109	106	107
DE-1-30-82-2020	DE-1-30	1	109		109		105		105		109	105	108