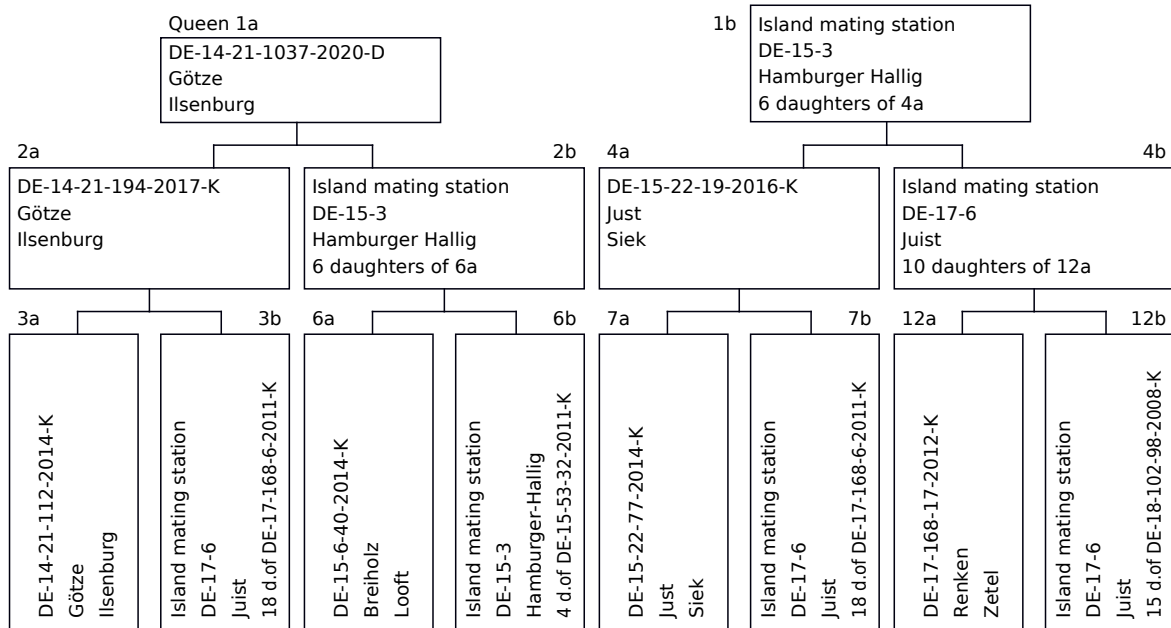


Tester of the queen: Götze, Wilfried, 38871 Ilsenburg, DE-14-21, Apiary 1  
 Breeder of the queen: Götze, Wilfried, 38871 Ilsenburg, DE-14-21  
**1a** Studbook number: **DE-14-21-1037-2020-D**

Race line: -10 Sign: blue 37 Daughters of Queen: 1.8%  
 Generation: 5 Hatch date: 10.06.2020 Workers: 5.3%

### A. Pedigree



### B. Own performance

Performance test year	No. of the colony PL31			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
	100.5	116.1	3	14	86.5
	Assessment*	Breeding values			Reliability
<b>Total breeding value<sup>1</sup></b>	-	107			
Honey yield	-	114			0.44
Defensive behavior	3.90	110			0.53
Steadiness on comb	3.90	110			0.53
Swarming drive	4	108			0.48
Varroa	-	98			0.45
Performance index	-	112			0.44
Robustness in winter	3.90		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 D

Suitable for use as a drone colony at mating stations.

# Breeding selection report DE-14-21-1037-2020-D

## 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-14-21-1032-2020	DE-14-21	1	101	63.5	106	3.4	106	3.4	106	3.7	106	93	105
DE-14-21-1033-2020	DE-14-21	1	107	119	117	4	111	4	111	3.8	107	94	113
DE-14-21-1034-2020	DE-14-21	1	102	70.5	107	3.4	105	3.6	105	3.5	104	95	106
DE-14-21-1036-2020	DE-14-21	1	106	74	109	3.9	111	3.9	110	3.8	107	96	110
DE-14-21-1037-2020-D	DE-14-21	1	107	100.5	114	3.9	110	3.9	110	4	108	98	112
DE-14-196-1-2020	DE-14-196	1	103		109		105		105		104	(96)	107
DE-14-196-21-2020	DE-14-196	1	103		107		106		105		105	(96)	106
DE-14-196-22-2020	DE-14-196	1	104		107		108		107		105	(96)	108
DE-14-196-32-2020	DE-14-196	1	103		109		105		105		104	(96)	107
DE-14-196-33-2020	DE-14-196	1	104		109		107		106		105	(96)	108
DE-14-196-43-2020	DE-14-196	1	104		116		105		105		104	(96)	109
DE-14-196-44-2020	DE-14-196	1	104		109		107		106		105	(96)	108
DE-14-196-54-2020	DE-14-196	1	104		113		105		106		104	(96)	108
DE-14-196-65-2020	DE-14-196	1	104		111		106		106		104	(96)	108
DE-14-196-90-2020	DE-14-196	1	104		114		106		106		104	(96)	109