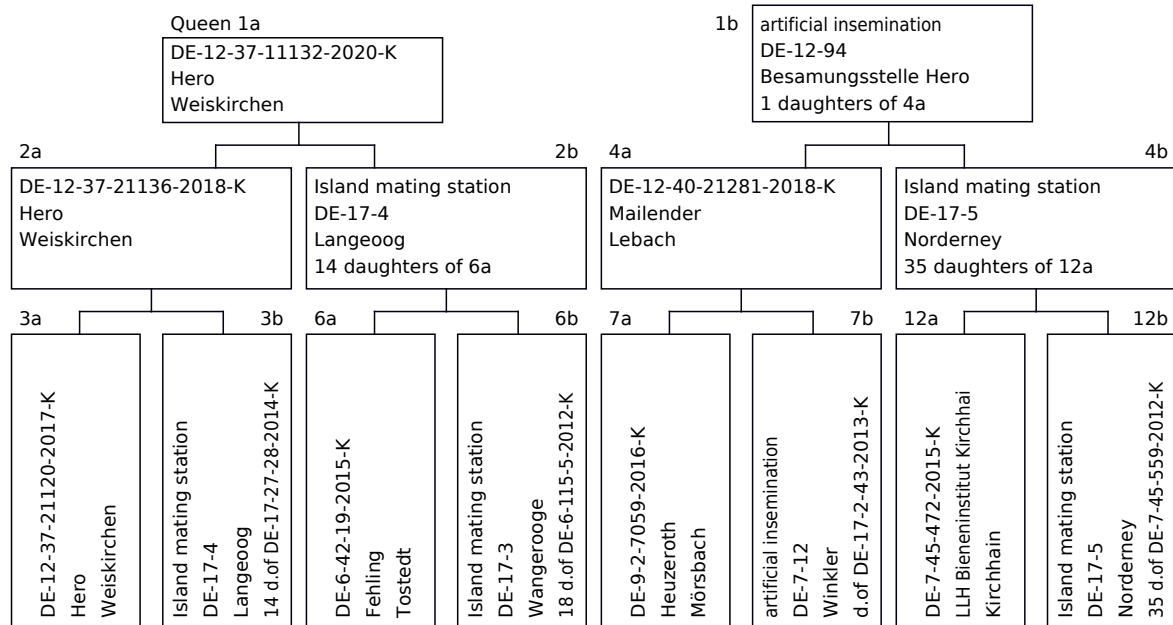









Tester of the queen: Hero, Horst, 66709 Weiskirchen, DE-12-37, Apiary 1  
 Breeder of the queen: Hero, Horst, 66709 Weiskirchen, DE-12-37  
**1a** Studbook number: **DE-12-37-11132-2020-K**

Race line: -C Sign: blue 32 Daughters of Queen: 1.9%  
 Generation: 6 Hatch date: 23.07.2020 Workers: 3.1%

### A. Pedigree



### B. Own performance

Performance test year	No. of the colony KK 1.7.			comparable colonies at the apiary		
	kg	%	Ranking	number	Yield average kg	
	47.8	123	5	23	38.8	
	Assessment*	Breeding values			Reliability	
<b>Total breeding value<sup>1</sup></b>	-	118				
Honey yield	-	114				0.35
Defensive behavior	4	121				0.48
Steadiness on comb	3.90	121				0.49
Swarming drive	4	116				0.26
Varroa	-	108				0.45
Performance index	-	121				0.35
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-12-37-11132-2020-K

## Page 2

### Performance of the sisters

Amount of checked sisters: 8

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-12-37-11131-2020	DE-12-37	1	115	48.4	114	3.8	114	3.9	120	4	116	103	120
DE-12-37-11132-2020-K	DE-12-37	1	118	47.8	114	4	121	3.9	121	4	116	108	121
DE-12-37-11133-2020	DE-12-37	1	112	25.9	105	3.5	115	3.5	114	4	113	105	113
DE-12-37-11134-2020	DE-12-37	1	115	45.7	113	3.9	120	3.9	120	4	116	102	120
DE-12-37-11135-2020	DE-12-37	1	115	42.6	112	3.7	117	3.7	117	4	115	106	117
DE-12-37-11136-2020	DE-12-37	1	115	40.8	111	3.8	119	3.8	119	4	115	105	118
DE-12-37-11137-2020	DE-12-37	1	117	44.4	113	3.9	120	3.9	120	4	116	106	120
DE-12-37-11138-2020	DE-12-37	1	116	50	115	3.9	120	3.9	120	4	116	104	120