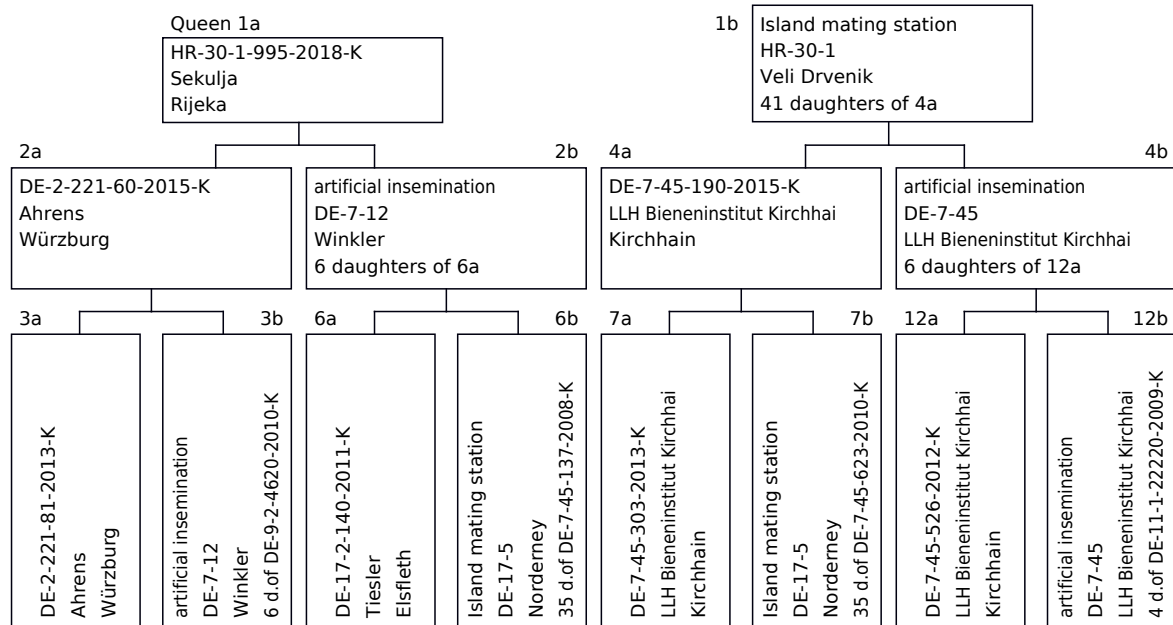


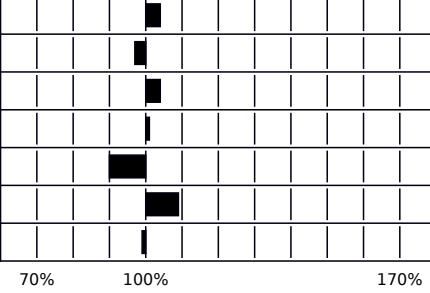
Tester of the queen: Biedenbach, Hans-Georg, 36088 Hünfeld, DE-7-161, Apiary 1  
Breeder of the queen: Sekulja, Damir, 51000 Rijeka, HR-30-1  
**1a** Studbook number: **HR-30-1-995-2018-K**

Race line: -Carnica Sign: red 33 Daughters of Queen: 1.3%  
Generation: 4 Hatch date: 18.05.2018 Workers: 2.6%

### A. Pedigree



### B. Own performance

Performance test year	No. of the colony 30-1-995-2018			comparable colonies at the apiary		
	kg	%	Ranking	number	Yield average kg	
	64	98	8	12	65.3	
	Assessment*	Breeding values			Reliability	
<b>Total breeding value<sup>1</sup></b>	-	104				
Honey yield	-	97				0.38
Defensive behavior	3.50	104				0.52
Steadiness on comb	3.50	101				0.52
Swarming drive	3.10	90				0.39
Varroa	-	109				0.27
Performance index	-	99				0.43
Robustness in winter	3.50					
Development in Spring	3					
Colony strength	3.50					

<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 HR-30-1-995-2018-K

## Page 2

### Performance of the sisters

Amount of checked sisters: 2

Studbook number	Tester of the queen	Apiary	Total breeding value	Yield kg	Breeding Value Honey	Defensive behavior	Breeding Value Defensive	Calmness during inspection	Breeding Value Calmness	Swarming drive	Breeding Value Swarming	Varroa-index	Performance ndex
HR-30-1-995-2018-K	DE-7-161	1	104	64	97	3.5	104	3.5	101	3.1	90	109	99
HR-30-1-1000-2018	DE-7-161	1	102	49	91	3.5	104	3.5	inspection 101	2	84	108	95