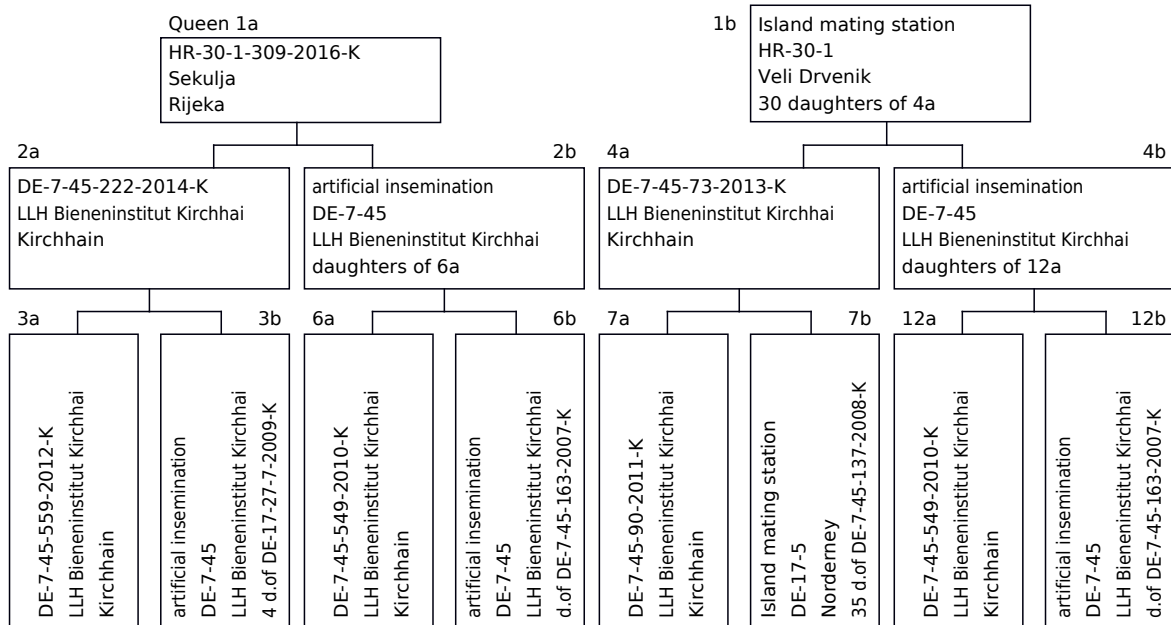


Tester of the queen: Burmeister, Klaus, 24536 Neumünster, DE-15-10, Apiary 1
 Breeder of the queen: Sekulja, Damir, 51000 Rijeka, HR-30-1
1a Studbook number: **HR-30-1-309-2016-K**

Race line: Sign: white 6
 Generation: Hatch date: 04.05.2016

Daughters of Queen: 1.6%
 Workers: 7.9%

A. Pedigree



B. Own performance

Performance test year	No. of the colony 44			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
	36.5	140.8	2	7	25.9
	Assessment*	Breeding values			Reliability
Total breeding value¹	-	106			
Honey yield	-	110			0.4
Defensive behavior	3.80	106			0.58
Steadiness on comb	3.80	104			0.58
Swarming drive	3.70	100			0.36
Varroa	-	104			0.3
Performance index	-	0			
Robustness in winter	3.90		70%	100%	170%
Development in Spring	4				
Colony strength	3.90				

¹In 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

none Analysis of race characteristics

E. Results

Class A

Suitable for breeding with no restrictions; suitable for use as a 4a colony at frequently visited mating stations (all customary breeding values over 100).

Breeding selection report HR-30-1-309-2016-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
HR-30-1-227-2016-K	DE-15-10	1	101	18	97	3.7	109	3.8	101	3.8	101	100	
HR-30-1-247-2016-K	DE-15-10	1	109	39.5	112	3.9	109	3.8	106	3.7	101	105	
HR-30-1-269-2016	DE-15-10	1	103	17	96	3.6	100	3.8	101	3.8	101	107	
HR-30-1-309-2016-K	DE-15-10	1	106	36.5	110	3.8	106	3.8	104	3.7	100	104	
HR-30-1-576-2016-K	DE-15-10	1	100	26.5	103	3.7	103	3.8	102	3.7	99	96	
HR-30-1-577-2016-K	DE-15-10	1	104	13.5	94	3.6	101	3.8	101	3.9	104	109	
HR-30-1-588-2016-K	DE-15-10	1	109	30.5	106	3.8	106	3.8	104	3.9	106	108	
HR-30-151-136-2016	UA-1-3	2	112		112		114		111		105	(104)	