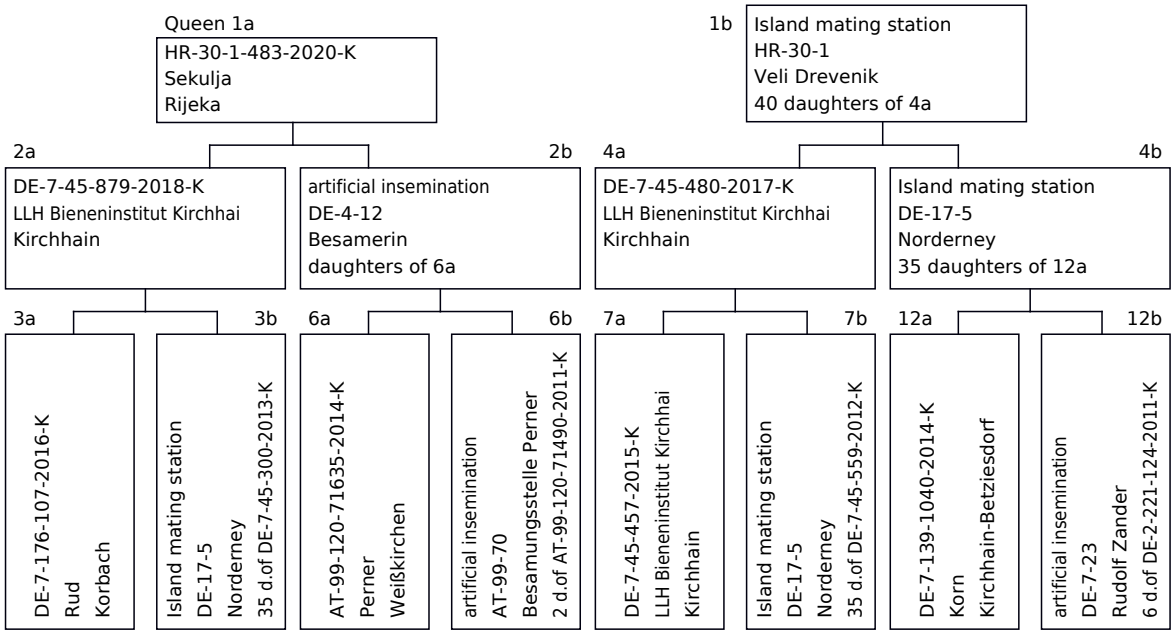
DEUTSCHER IMKERBUND E.V.

Breeding selection report
HR-30-1-483-2020-K

Landesverband Westfälischer & Lippischer Imker e.V.

Tester of the queen:	Krüger, Lothar, 48153 Münster, DE-18-43, Apiary 3	
Breeder of the queen:	Sekulja, Damir, 51000 Rijeka, HR-30-1	
1a Studbook number:	**HR-30-1-483-2020-K**	
		Daughters of
Race line: -Ca	Sign: blue 91	Queen: 0.7%
Generation: 1	Hatch date:	Workers: 2.2%

A. Pedigree



B. Own performance

	No. of the colony			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	48	137.1	1	7	35

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	107	
Honey yield	-	107	0.43
Defensive behavior	3.20	103	0.53
Steadiness on comb	3.40	103	0.53
Swarming drive	4	107	0.39
Varroa	-	106	0.51
Performance index	-	106	0.43
Robustness in winter	4		
Development in Spring	3.90		
Colony strength	3.80		

70% 100% 170%

[1]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.

07.03.2022

For the correctness DE-18

Breeding selection report HR-30-1-483-2020-K

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Performance of the sisters

Amount of checked sisters: 22

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 during inspection	Swarming drive	Breeding Value Swarming drive	Varroa-index	Performance ndex
AT-99-364-802-2020	AT-99-364	5	107		100		104		105		106	107	104
AT-99-364-803-2020	AT-99-364	5	108		103		105		104		107	107	105
AT-99-364-804-2020	AT-99-364	5	110		109		106		105		109	107	108
AT-99-364-805-2020	AT-99-364	5	109		106		106		104		108	108	107
AT-99-364-806-2020	AT-99-364	5	109		104		105		104		107	109	106
AT-99-364-807-2020	AT-99-364	5	108		106		106		104		108	106	107
AT-99-364-809-2020	AT-99-364	5	108		104		105		104		107	106	106
AT-99-364-800-2020	AT-99-364	6	110		106		106		104		108	110	107
AT-99-364-801-2020	AT-99-364	6	108		105		105		104		108	106	106
AT-99-495-153-2020	AT-99-495	1	107		101		106		104		107	107	105
AT-99-495-155-2020	AT-99-495	1	108		104		106		105		107	106	106
DE-2-327-63-2020	DE-2-327	1	112		107		111		109		117	107*	112
DE-2-327-64-2020	DE-2-327	1	108		103		105		106		104	107*	105
DE-2-327-98-2020	DE-2-327	1	106		101		105		99		103	(107)	102
HR-30-1-479-2020	DE-2-731	1	109		104		107		106		108	107	107
HR-30-1-481-2020	DE-2-731	1	110		106		107		106		108	107	108
HR-30-1-477-2020	DE-2-731	2	110		105		107		106		108	108	107
HR-30-1-70-2020	DE-13-377	2	108		103		105		103		109	107	106
HR-30-1-109-2020	DE-13-377	2	110		109		108		107		111	105	110
HR-30-1-164-2020	DE-13-377	2	99		97		96		95		90	105	93
HR-30-1-483-2020-K	DE-18-43	3	107	48	107	3.2	103	3.4	103	4	107	106	106
IT-20-282-86-2020	IT-20-282	1	107		110		92		91		104	113	99

Only one Varroa trait was recorded