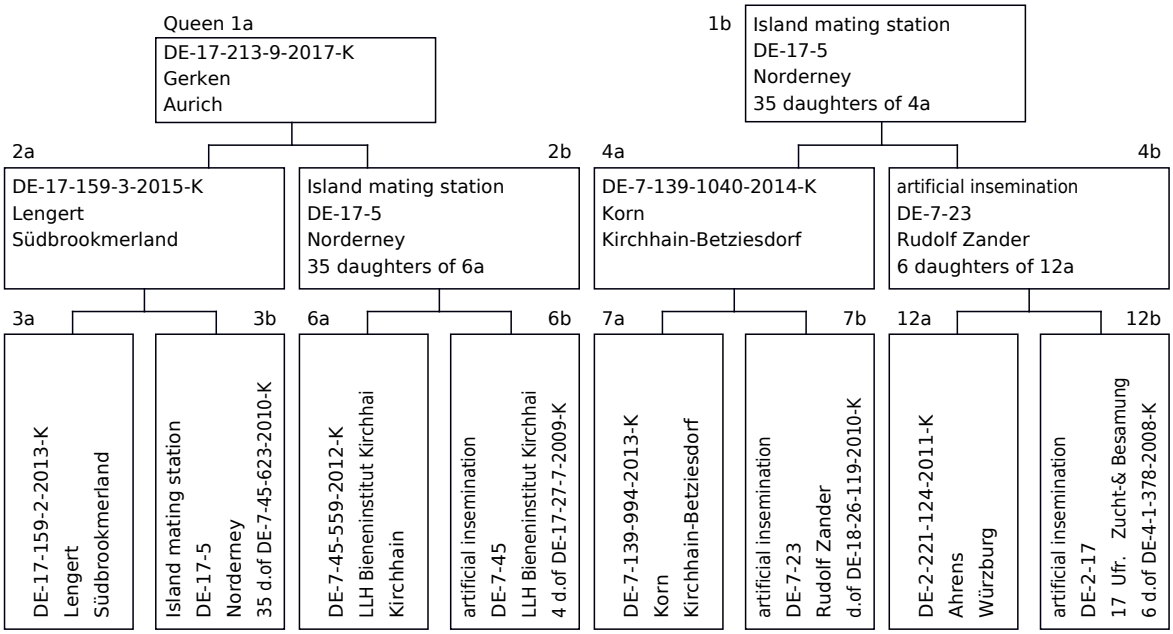
Breeding selection report
DE-17-213-9-2017-K

Tester of the queen:	Gerken, Helmut, 26605 Aurich, DE-17-213, Apiary 2	
Breeder of the queen:	Gerken, Helmut, 26605 Aurich, DE-17-213	
1a Studbook number:	**DE-17-213-9-2017-K**	
		Daughters of
Race line: -30	Sign: yellow 9	Queen: 4.1%
Generation: 1	Hatch date: 21.05.2017	Workers: 2.1%

A. Pedigree



B. Own performance

	No. of the colony 17009			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	53.4	98.4	7	14	54.3

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	121	
Honey yield	-	106	0.42
Defensive behavior	3.60	103	0.62
Steadiness on comb	4	105	0.62
Swarming drive	4	117	0.38
Varroa	-	129	0.36
Performance index	-	0	
Robustness in winter	4		
Development in Spring	4		
Colony strength	4		

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.

08.05.2019

For the correctness DE-17

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Performance of the sisters

Amount of checked sisters: 11

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
DE-17-159-47-2017-K	DE-17-159	1	123		112		108		107		114	127	
DE-17-159-72-2017	DE-17-159	1	93		90		93		93		100	93	93
DE-17-159-76-2017	DE-17-159	1	96		88		95		97		99	99	94
DE-17-159-77-2017	DE-17-159	1	92		85		86		85		96	100	86
DE-17-159-78-2017	DE-17-159	1	96		85		99		99		98	97	95
DE-17-213-2-2017	DE-17-213	2	95	39.5	88	3.6	89	4	92	4	101	101	91
DE-17-213-9-2017-K	DE-17-213	2	121	53.4	106	3.6	103	4	105	4	117	129	
DE-17-213-48-2017	DE-17-213	2	96	59.6	92	3.9	94	3.9	93	4	103	97	95
DE-17-213-7-2017	DE-17-213	4	94	27.9	90	3.9	91	3.9	90	4	100	97	91
DE-17-213-8-2017	DE-17-213	5	95	31.6	91	3.4	91	4	91	3	100	98	92
DE-17-213-31-2017	DE-17-213	6	94	60.3	89	3.8	90	4	90	2.5	96	100	90