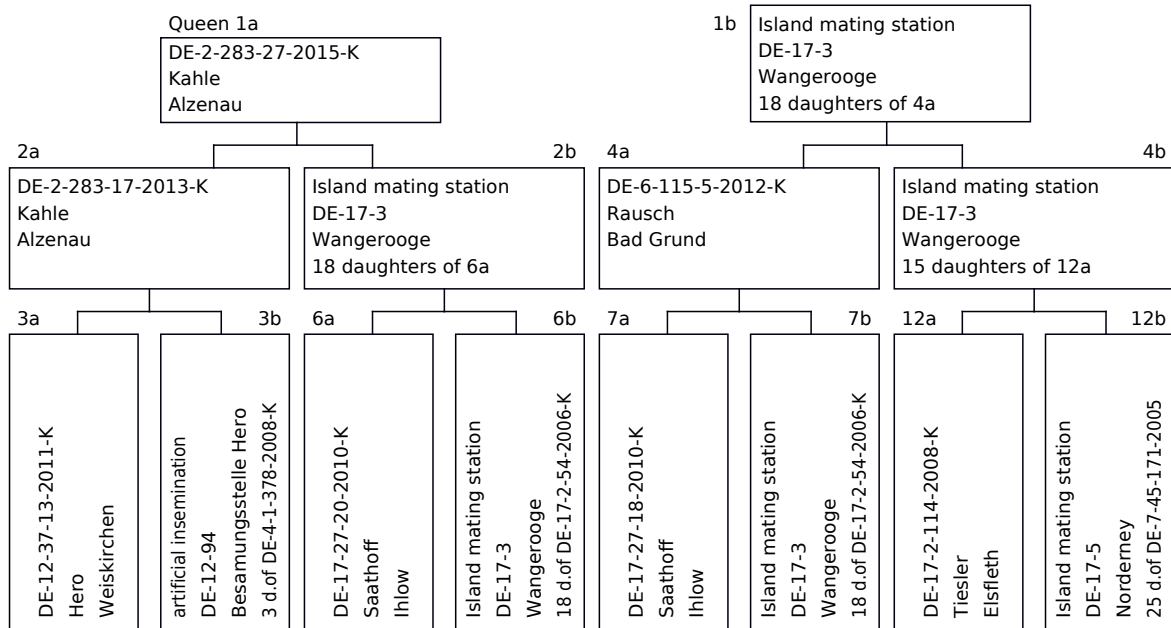


Tester of the queen: Simon-Klary, Zuzanna, 66687 Wadern, DE-12-41, Apiary 1
 Breeder of the queen: Kahle, Ben, 63755 Alzenau, DE-2-283
1a Studbook number: **DE-2-283-27-2015-K**

Race line: Sign: blue 27 Daughters of Queen: 1.4%
 Generation: 1 Hatch date: 28.05.2015 Workers: 4.5%

A. Pedigree



B. Own performance

Performance test year	No. of the colony 12			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
	69.2	128.9	1	6	53.7
	Assessment*	Breeding values			Reliability
Total breeding value¹	-	123			
Honey yield	-	120			0.4
Defensive behavior	4	120			0.58
Steadiness on comb	4	119			0.61
Swarming drive	3.80	123			0.42
Varroa	-	114			0.51
Performance index	-	0			
Robustness in winter	3.80		70%	100%	170%
Development in Spring	3.90				
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

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-2-283-27-2015-K

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Performance of the sisters

Amount of checked sisters: 6

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-2-283-21-2015	DE-2-283	1	102		103		103		103		103	96	
DE-2-283-23-2015	DE-2-283	1	109		99		107		107		107	111	
DE-2-283-25-2015	DE-2-283	1	108		100		110		110		108	(105)	
DE-2-283-24-2015	DE-9-2	3	107		101		102		101		109	109	
DE-2-283-27-2015-K	DE-12-41	1	123	69.2	120	4	120	4	119	3.8	123	114	
DE-2-283-29-2015	DE-12-41	1	111	45.6	96	4.0	116	3.9	115	3.0	104	110	