

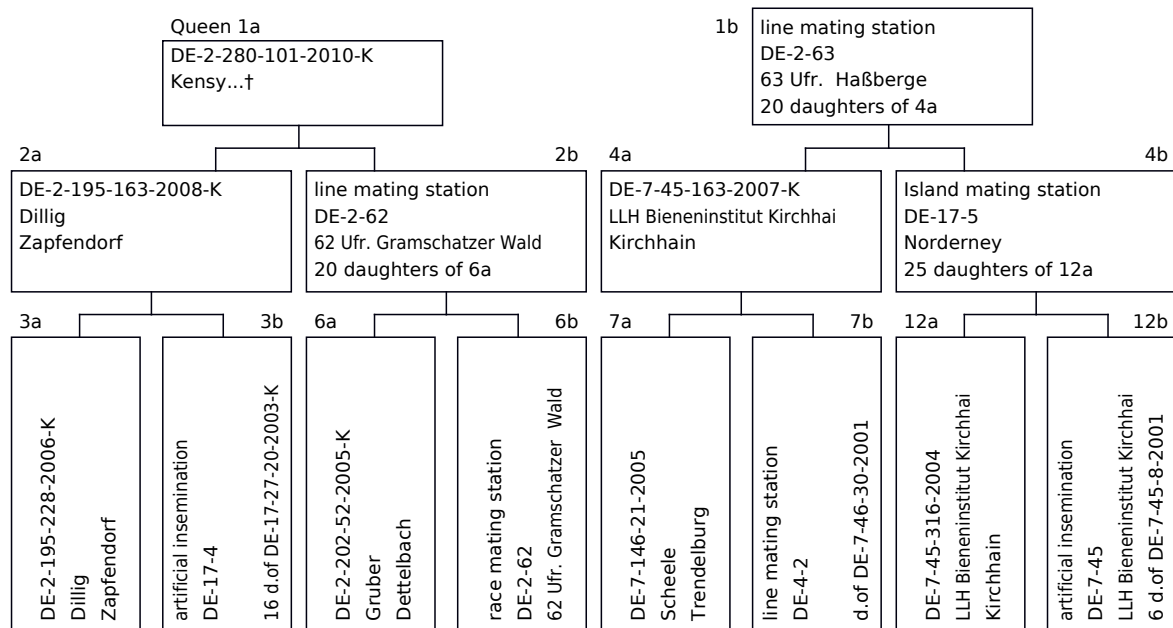
Tester of the queen: Kensy...†, DE-2-280, Apiary 1  
Breeder of the queen: Kensy...†, DE-2-280  
**1a** Studbook number: **DE-2-280-101-2010-K**

Race line: -99  
Generation: 1

Sign: blue 18  
Hatch date: 27.05.2010

Daughters of  
Queen: 0.3%  
Workers: 0%

### A. Pedigree



### B. Own performance

Performance test year	No. of the colony eigen			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
	76.5	108.4	3	12	70.5
	Assessment*	Breeding values			Reliability
<b>Total breeding value<sup>1</sup></b>	-	121			
Honey yield	-	110			0.39
Defensive behavior	3.40	112			0.59
Steadiness on comb	3.50	110			0.62
Swarming drive	3	113			0.4
Varroa	-	123			0.49
Performance index	-	0			
Robustness in winter	3		70%	100%	170%
Development in Spring	4				
Colony strength	3				

<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 DE-2-280-101-2010-K

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### Performance of the sisters

Amount of checked sisters: 16

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-2-280-100-2010-K	DE-2-280	1	108	82.5	115	3.3	Behavior	3.5	during	2	drive	98	
DE-2-280-101-2010-K	DE-2-280	1	121	76.5	110	3.4	112	3.5	110	3	113	123	
DE-2-280-102-2010-K	DE-2-280	1	121	75.5	109	3.5	111	3.3	108	3	113	125	
DE-2-280-103-2010	DE-2-280	1	120	81	115	3.3	110	3.5	109	3	114	120	
DE-2-280-104-2010	DE-2-280	1	106	68	96	2.8	93	3.2	91	2	91	123	
DE-2-280-105-2010	DE-2-280	1	102	72.5	101	3	94	3	93	2	97	110	
DE-2-280-106-2010	DE-2-280	1	95	71	100	3	97	3.2	98	2	101	92	
DE-2-280-107-2010	DE-2-280	1	107	67	97	3.3	104	3.3	103	2	100	111	
DE-2-280-108-2010	DE-2-280	1	88	61	87	2.8	90	3	90	1	91	92	
DE-2-280-109-2010	DE-2-280	1	105	72.5	102	3.3	100	3	99	2	101	109	
DE-2-280-110-2010	DE-2-280	1	104	65	95	3.3	102	3.2	101	2	99	109	
DE-2-280-111-2010	DE-2-280	1	90	54	81	3.5	100	2.7	100	1	97	88	
DE-2-280-503-2010	DE-2-280	2	103	49	94	3.3	112	3.5	113	4	114	93	
DE-2-280-506-2010	DE-2-280	2	103	58	101	2.8	97	3	96	3	94	110	
DE-2-280-512-2010	DE-2-280	2	99	59.5	105	3.2	106	3.2	108	3	104	90	
DE-2-280-514-2010	DE-2-280	2	99	63	106	2.5	91	2.7	91	3	94	105	