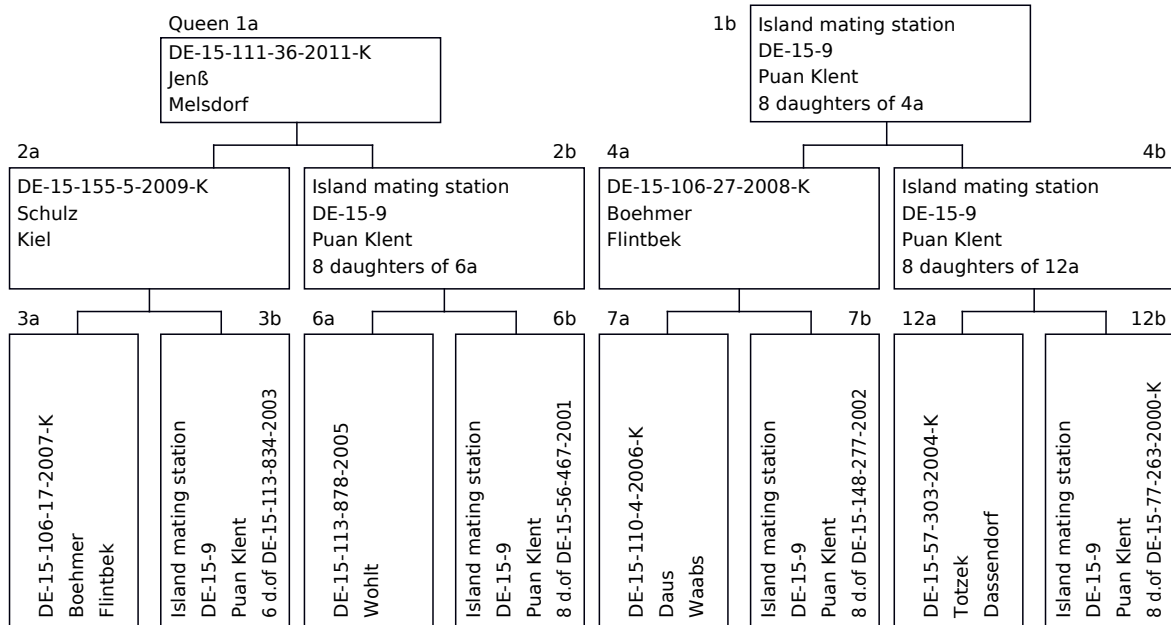


Tester of the queen: Jenß, Wilfried, Melsdorf, DE-15-111, Apiary 3  
 Breeder of the queen: Jenß, Wilfried, Melsdorf, DE-15-111  
**1a** Studbook number: **DE-15-111-36-2011-K**

Race line: Sign: white 36  
 Generation: Hatch date: 23.5.2011

Daughters of Queen: 3.4%  
 Workers: 0.7%

### A. Pedigree



### B. Own performance

Performance test year	No. of the colony 36			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
	63	141.3	1	10	44.6
	Assessment*	Breeding values			Reliability
<b>Total breeding value<sup>1</sup></b>	-	114			
Honey yield	-	118			0.36
Defensive behavior	4	114			0.54
Steadiness on comb	4	114			0.57
Swarming drive	3	113			0.36
Varroa	-	105*			0.43
Performance index	-	0			
Robustness in winter	3.50		70%	100%	170%
Development in Spring	3.50				
Colony strength	3.50				

<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%.

Only one Varroa trait was recorded

### C. Performance of the sisters

See page 2

### D. Body features, see appendix

See attached characteristic documents:

### 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 DE-15-111-36-2011-K

## Page 2

### Performance of the sisters

Amount of checked sisters: 25

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-15-105-1-2011	DE-15-69	2	84		84		84		84		84	88	
DE-15-105-4-2011	DE-15-69	2	92		105		89		90		99	91	
DE-15-105-2-2011	DE-15-105	1	93		102		91		92		98	(93)	
DE-15-105-6-2011	DE-15-105	1	91		98		91		91		97	(92)	
DE-15-105-20-2011	DE-15-105	1	87		94		86		86		93	(90)	
DE-15-105-28-2011	DE-15-105	1	87		96		86		86		94	(90)	
DE-15-105-32-2011-K	DE-15-105	1	104		110		107		107		106	(97)	
DE-15-106-56-2011	DE-15-106	2	73		83		82		84		96	68	
DE-15-106-57-2011	DE-15-106	2	96		97		75		72		85	118	
DE-15-106-58-2011	DE-15-106	2	102		101		102		101		102	101	
DE-15-106-59-2011	DE-15-106	2	87		95		87		87		98	87	
DE-15-106-60-2011	DE-15-106	2	96		104		90		89		98	99	
DE-15-106-61-2011-K	DE-15-106	2	108		113		94		93		100	115	
DE-15-155-10-2011	DE-15-106	2	82		102		87		89		104	73	
DE-15-155-11-2011	DE-15-106	2	96		108		98		99		107	87	
DE-15-111-14-2011	DE-15-111	3	84	50	101	3	79	3	80	3	96	87*	
DE-15-111-17-2011	DE-15-111	3	77	28	84	3	77	3	77	1	80	(86)	
DE-15-111-25-2011	DE-15-111	3	87	50	101	3	79	3	79	3	94	93*	
DE-15-111-26-2011	DE-15-111	3	103	50	106	4	103	3.5	103	3	107	99*	
DE-15-111-30-2011	DE-15-111	3	112	56	113	4	113	4	113	3	111	105*	
DE-15-111-32-2011	DE-15-111	3	85	25	85	3.5	90	3.5	90	1	85	(90)	
DE-15-111-35-2011	DE-15-111	3	91	54	107	3.5	92	3.5	93	3	104	83*	
DE-15-111-36-2011-K	DE-15-111	3	114	63	118	4	114	4	114	3	113	105*	
DE-15-111-37-2011	DE-15-111	3	91	45	100	3.5	91	3.5	92	3	101	89*	
DE-15-111-38-2011	DE-15-111	3	80	25	83	3	83	3.5	83	1	82	(86)	

Only one Varroa trait was recorded