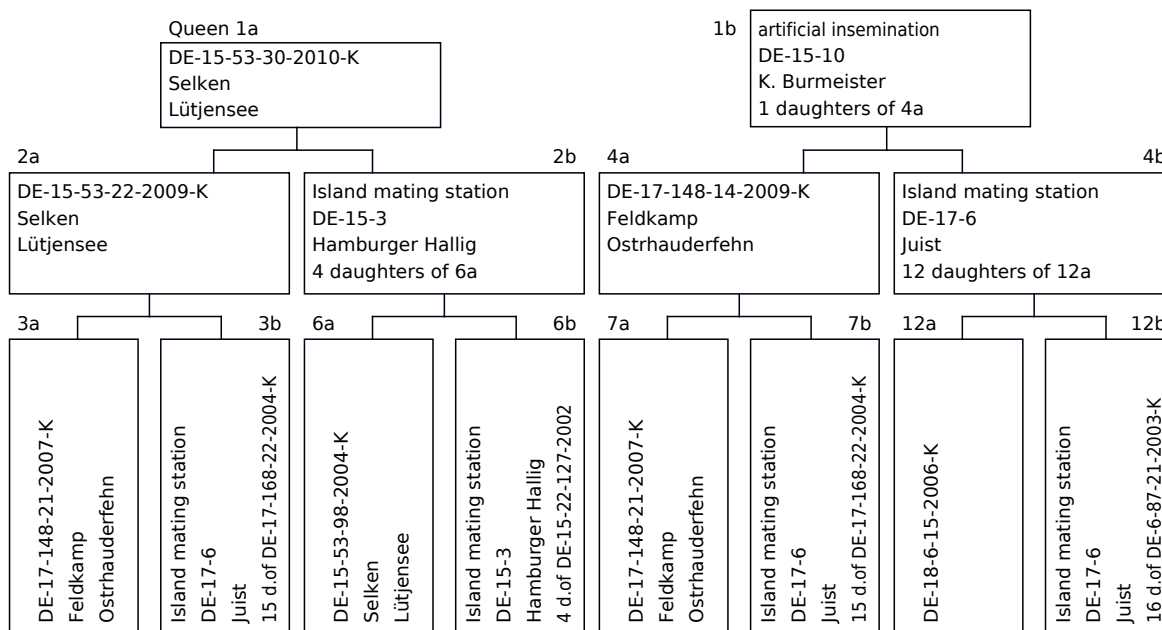


Tester of the queen: Selken, Hans Werner, 22952 Lütjensee, DE-15-53, Apiary 3  
 Breeder of the queen: Selken, Hans Werner, 22952 Lütjensee, DE-15-53  
**1a** Studbook number: **DE-15-53-30-2010-K**

Race line: -3 Sign: blue 30 Daughters of Queen: 0%  
 Generation: 13 Hatch date: 7.7.2010 Workers: 5.7%

### A. Pedigree



### B. Own performance

Performance test year	No. of the colony Volk 7			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
	75	132.7	1	8	56.5
	Assessment*	Breeding values			Reliability
<b>Total breeding value<sup>1</sup></b>	-	124			
Honey yield	-	128			0.31
Defensive behavior	4	128			0.48
Steadiness on comb	4	129			0.52
Swarming drive	3.90	126			0.32
Varroa	-	105			0.4
Performance index	-	0			
Robustness in winter	3.80		70%	100%	170%
Development in Spring	4				
Colony strength	4				

<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-15-53-30-2010-K

## Page 2

### Performance of the sisters

Amount of checked sisters: 8

Studbook number	Tester of the queen	Apiary	Total breeding value	Yield kg	Breeding Value Honey	Defensive behavior	Breeding Value Defensive	Calmness during inspection	Breeding Value Calmness	Swarming drive	Breeding Value Swarming	Varroa-index	Performance ndex
DE-15-53-30-2010-K	DE-15-53	3	124	75	128	4	128	4	129	3.9	126	105	
DE-15-53-31-2010	DE-15-53	3	93	48	96	3.5	93	3	95	3.5	95	95	
DE-15-53-34-2010	DE-15-53	3	103	60	109	3.6	103	3.5	104	3.5	101	99	
DE-15-53-36-2010	DE-15-53	3	107	64	113	3.6	104	3.5	104	3.9	111	101	
DE-15-53-38-2010	DE-15-53	3	94	42	93	3.5	99	3.5	99	3.5	95	94	
DE-15-53-39-2010-K	DE-15-53	3	117	68	120	3.9	119	3.8	119	3.9	120	105	
DE-15-53-41-2010	DE-15-53	3	93	45	94	3.5	93	3	93	3.5	93	96	
DE-15-53-42-2010	DE-15-53	3	100	50	101	3.6	102	3.5	103	3.6	101	97	