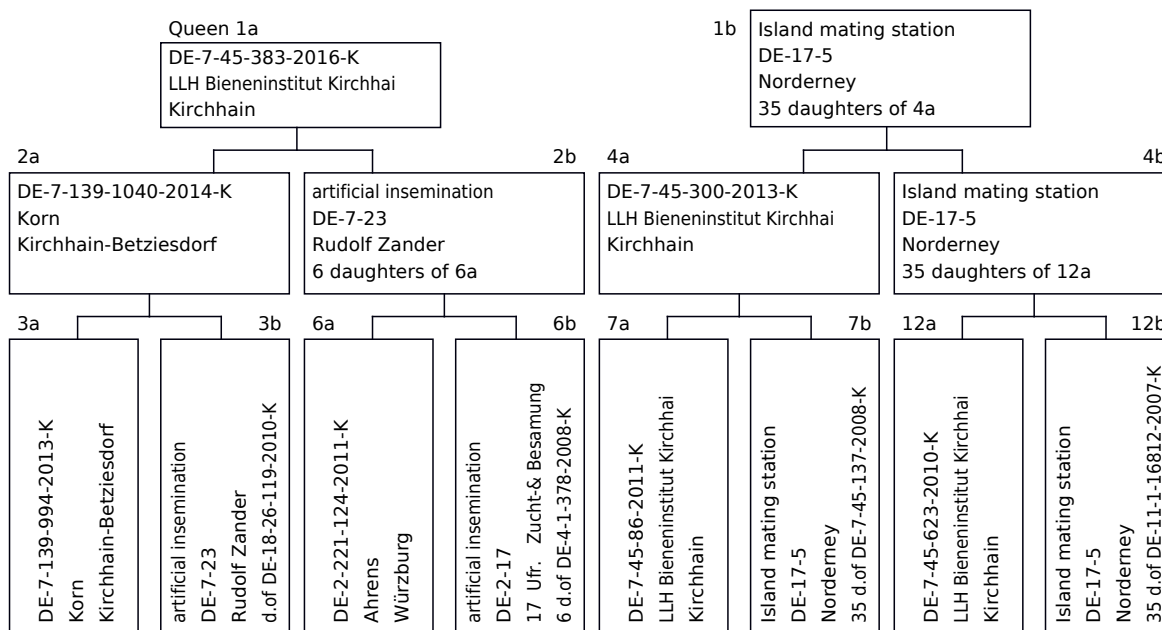


Tester of the queen: Mitterreiter, Luise, 83339 Chieming, DE-2-612, Apiary 1  
 Breeder of the queen: LLH Bieneninstitut Kirchhain, 35274 Kirchhain, DE-7-45  
**1a** Studbook number: **DE-7-45-383-2016-K**

Race line: Sign: white 15 Daughters of Queen: 0.9%  
 Generation: Hatch date: 13.06.2016 Workers: 1.8%

### A. Pedigree



### B. Own performance

Performance test year	No. of the colony Unterwieser Wald			comparable colonies at the apiary		
	kg	%	Ranking	number	Yield average kg	
	37.5	94.9	7	9	39.5	
	Assessment*	Breeding values			Reliability	
<b>Total breeding value<sup>1</sup></b>	-	110	■			
Honey yield	-	97	■			0.46
Defensive behavior	3.80	107	■			0.56
Steadiness on comb	3.30	101	■			0.56
Swarming drive	4	108	■			0.39
Varroa	-	(111)	■			0.12
Performance index	-	104	■			0.54
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%.

### C. Performance of the sisters

See page 2

### D. Body features, see appendix

none Analysis of race characteristics

### E. Results

**Class B**  
 Suitable for breeding.

# Breeding selection report DE-7-45-383-2016-K

## Page 2

### Performance of the sisters

Amount of checked sisters: 4

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-7-45-360-2016	DE-2-221	1	110		106							105*	109
DE-7-45-383-2016-K	DE-2-612	1	110	37.5	97	3.8	107	3.3	101	4	108	(111)	104
DE-7-45-364-2016	DE-7-45	4	112		95		112		107		113	111	108
DE-7-45-362-2016	DE-7-183	1	113		104		109		105		110	112	108

Only one Varroa trait was recorded