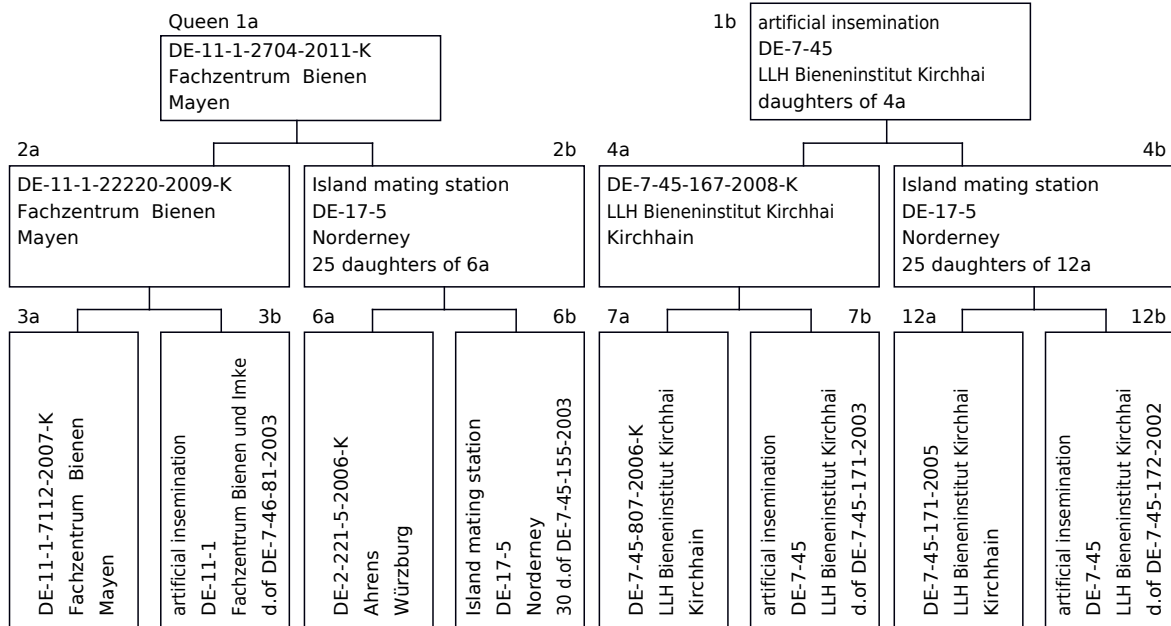


Tester of the queen: LLH Bieneninstitut Kirchhain, 35274 Kirchhain, DE-7-45, Apiary 4  
Breeder of the queen: Fachzentrum Bienen, Mayen, 56727 Mayen, DE-11-1  
**1a** Studbook number: **DE-11-1-2704-2011-K**

Race line: -1 Sign: white 04- Daughters of Queen: 0.3%  
Generation: 0 Hatch date: 10.06.2011 Workers: 0.3%

### A. Pedigree



### B. Own performance

Performance test year	No. of the colony 28			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
	61.1	210	1	18	29.1
	Assessment*	Breeding values			Reliability
<b>Total breeding value<sup>1</sup></b>	-	117	[Bar chart]		
Honey yield	-	119	[Bar chart]		
Defensive behavior	2.60	101	[Bar chart]		
Steadiness on comb	2.50	100	[Bar chart]		
Swarming drive	3	96	[Bar chart]		
Varroa	-	126	[Bar chart]		
Performance index	-	0	[Bar chart]		
Robustness in winter			70%	100%	170%
Development in Spring					
Colony strength					

<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 P

Use only for test breeding. The offspring of these colonies should not circulate among other bees.

# Breeding selection report DE-11-1-2704-2011-K

## Page 2

### 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-11-1-2703-2011	DE-7-45	1	107	19.7	106	2.8	100	2.5	100	1	100	112	
DE-11-1-2715-2011	DE-7-45	1	99	8.9	100	2.9	101	2.4	103	3	102	96	
DE-11-1-2705-2011	DE-7-45	3	97	19.4	102	2.5	96	2.3	97	1	91	100	
DE-11-1-2716-2011	DE-7-45	3	101	27.5	106	2.6	97	2.3	99	2	96	102	
DE-11-1-2701-2011	DE-7-45	4	117	18.7	100	3	109	2.7	107	2	89	130	
DE-11-1-2704-2011	DE-7-45	4	117	61.1	119	2.6	101	2.5	100	3	96	126	