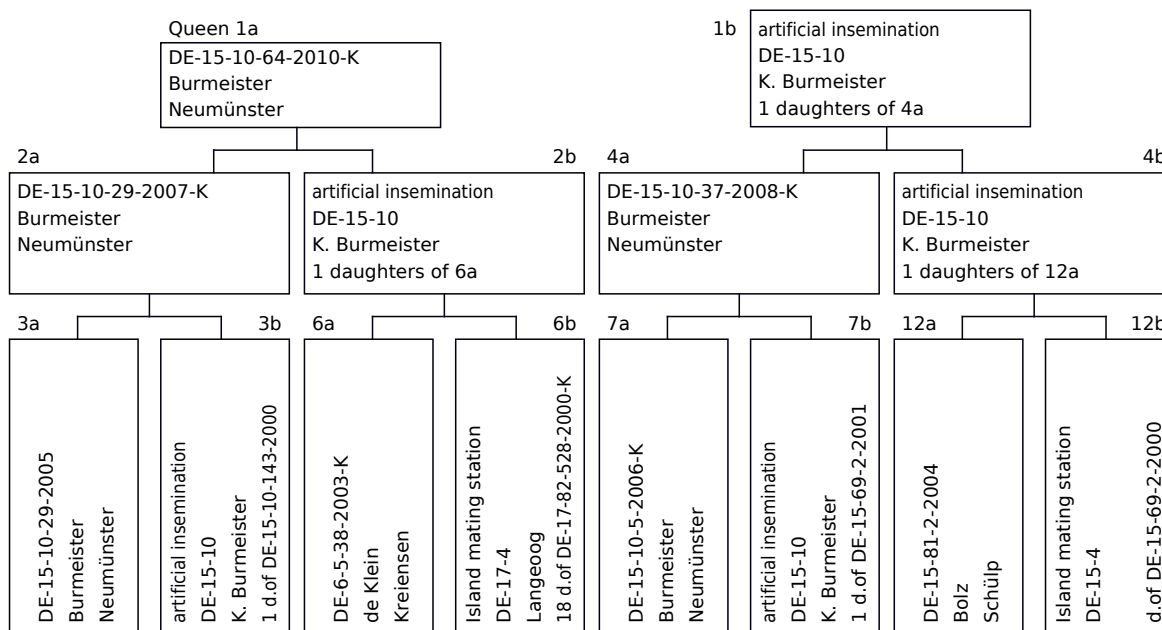


Tester of the queen: Grabowski, Achim, 25548 Kellinghusen, DE-15-163, Apiary 1  
 Breeder of the queen: Burmeister, Klaus, 24536 Neumünster, DE-15-10  
**1a** Studbook number: **DE-15-10-64-2010-K**

Race line: Sign: blue 94  
 Generation: Hatch date: 08.07.2010

Daughters of Queen: 0%  
 Workers: 0.9%

### A. Pedigree



### B. Own performance

Performance test year	No. of the colony 101			comparable colonies at the apiary				
	kg	%	Ranking	number	Yield average kg			
	70.4	100	1	1	70.4			
	Assessment*	Breeding values			Reliability			
<b>Total breeding value<sup>1</sup></b>	-	104						
Honey yield	-	107						0.1
Defensive behavior	3.90	103						0.07
Steadiness on comb	3.70	103						0.15
Swarming drive	4	107						0.17
Varroa	-	101						0.19
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%.

### C. Performance of the sisters

See page 2

### D. Body features, see appendix

See attached characteristic documents:

### E. Results

Class J

# Breeding selection report DE-15-10-64-2010-K

## Page 2

### Performance of the sisters

Amount of checked sisters: 19

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-15-10-1-2010	DE-15-10	1	111		109		109		109		109	107	
DE-15-10-2-2010-K	DE-15-10	1	108		119		110		111		114	96	
DE-15-10-4-2010	DE-15-10	1	107		110		105		105		111	101	
DE-15-10-8-2010	DE-15-10	1	96		98		103		104		108	88	
DE-15-10-22-2010-K	DE-15-10	1	104		106		100		100		103	104	
DE-15-10-29-2010-K	DE-15-10	1	109		115		109		110		112	100	
DE-15-10-31-2010	DE-15-10	1	95		91		98		98		104	94	
DE-15-10-42-2010-K	DE-15-10	1	108		105		100		99		101	114	
DE-15-10-50-2010-K	DE-15-10	1	101		112		96		97		104	98	
DE-15-10-61-2010	DE-15-10	1	106		105		100		99		102	109	
DE-15-10-3-2010	DE-15-10	2	104		111		105		106		113	93	
DE-15-10-6-2010	DE-15-10	2	104		105		109		109		114	94	
DE-15-10-9-2010	DE-15-10	2	107		112		104		104		109	103	
DE-15-10-12-2010	DE-15-10	2	100		108		104		105		108	91	
DE-15-10-30-2010	DE-15-10	2	108		110		104		104		107	106	
DE-15-10-40-2010	DE-15-10	2	108		106		100		99		103	113	
DE-15-10-49-2010	DE-15-10	2	105		106		100		99		108	105	
DE-15-10-59-2010	DE-15-10	2	107		112		110		110		110	98	
DE-15-10-64-2010-K	DE-15-163	1	104	70.4	107	3.9	103	3.7	103	4	107	101	