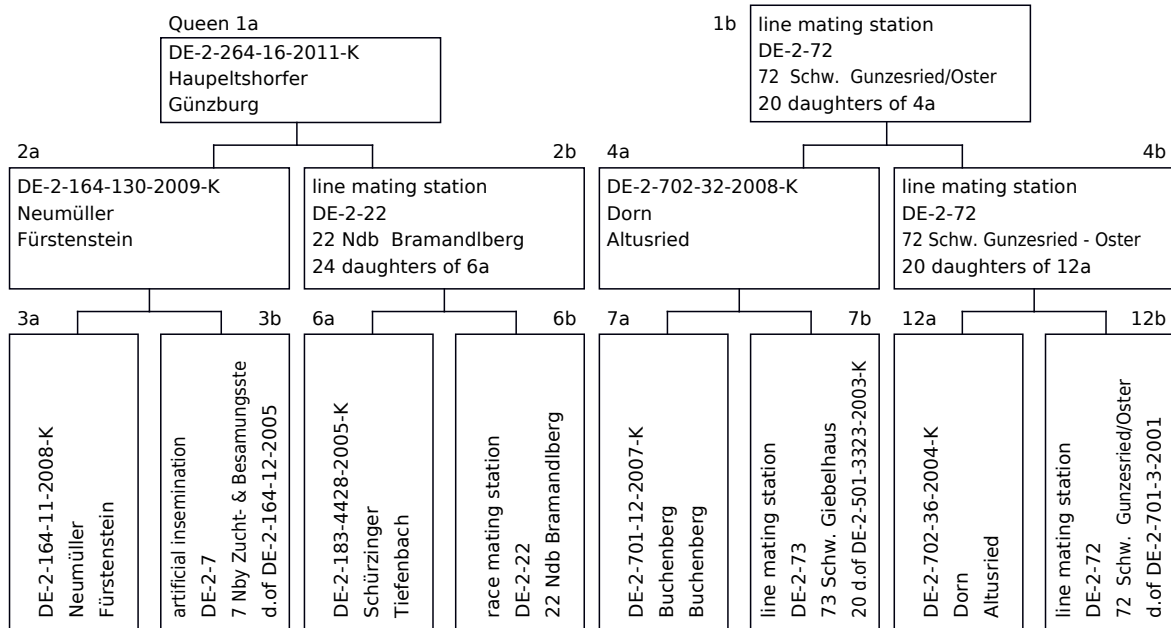


Tester of the queen: Ltg. Alexander Trian, Prüfhof Thüngersheim, 97209 Veitshöchheim, DE-2-503, Apiary 3
 Breeder of the queen: Haupttshorfer, Werner, 89312 Günzburg, DE-2-264
1a Studbook number: **DE-2-264-16-2011-K**

Race line: Sign: white 75
 Generation: Hatch date: 21.6.2011

Daughters of Queen: 4.6%
 Workers: 0%

A. Pedigree



B. Own performance

Performance test year	No. of the colony 2141			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
	33.7	106.2	16	31	31.7
	Assessment*	Breeding values			Reliability
Total breeding value¹	-	88			
Honey yield	-	101	0.43		
Defensive behavior	3	86	0.65		
Steadiness on comb	3	87	0.67		
Swarming drive	4	101	0.42		
Varroa	-	87	0.52		
Performance index	-	0			
Robustness in winter	4	70% 100% 170%			
Development in Spring	3.50				
Colony strength	4				

¹In 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-2-264-16-2011-K

Page 2

Performance of the sisters

Amount of checked sisters: 10

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-2-264-17-2011	DE-2-264	1	100		101		Behavior		100		100	(100)	
DE-2-264-18-2011	DE-2-264	1	104		101		106		106		97	(103)	
DE-2-264-19-2011	DE-2-264	1	108		104		111		111		100	(105)	
DE-2-264-20-2011-K	DE-2-264	1	102		103		101		101		96	(102)	
DE-2-264-21-2011	DE-2-264	1	90		99		85		85		88	(97)	
DE-2-264-22-2011-K	DE-2-264	1	106		104		110		110		99	(103)	
DE-2-264-27-2011	DE-2-264	1	108		104		111		111		101	(105)	
DE-2-264-28-2011	DE-2-264	1	106		105		110		110		99	(103)	
DE-2-264-29-2011-K	DE-2-264	1	106		105		108		108		99	(104)	
DE-2-264-16-2011-K	DE-2-503	3	88	33.7	101	3	86	3	87	4	101	87	