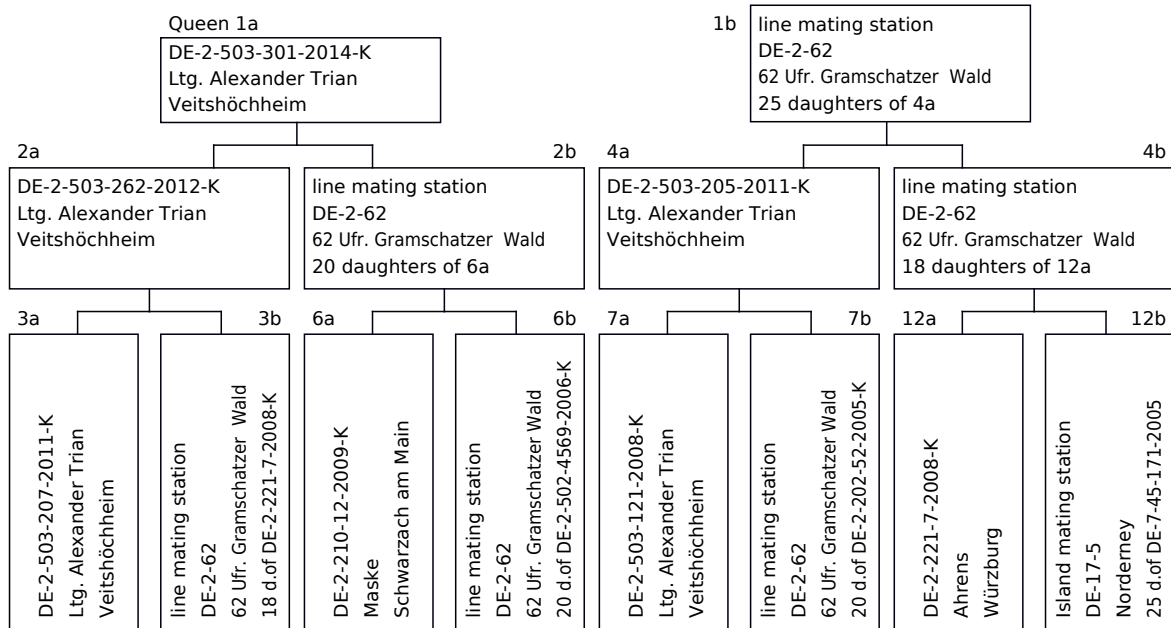


Tester of the queen: Ltg. Alexander Trian, Prüfhof Thüngersheim, 97209 Veitshöchheim, DE-2-503, Apiary 3  
 Breeder of the queen: Ltg. Alexander Trian, Prüfhof Thüngersheim, 97209 Veitshöchheim, DE-2-503  
**1a** Studbook number: **DE-2-503-301-2014-K**

Race line: Sign: green 86 Daughters of Queen: 1.1%  
 Generation: 9 Hatch date: 4.6.2014 Workers: 6.7%

### A. Pedigree



### B. Own performance

Performance test year	No. of the colony 3461			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
	61.2	138.7	2	43	44.1
	Assessment*	Breeding values			Reliability
<b>Total breeding value<sup>1</sup></b>	-	120			
Honey yield	-	123			0.45
Defensive behavior	3.80	122			0.67
Steadiness on comb	4	123			0.69
Swarming drive	4	116			0.43
Varroa	-	108			0.55
Performance index	-	0			
Robustness in winter	4		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-2-503-301-2014-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 index
DE-2-503-301-2014-K	DE-2-503	3	120	61.2	123	3.8	122	4	123	4	116	108	
DE-2-503-302-2014-K	DE-2-503	3	116	60.7	123	3.8	123	4	124	4	118	99	
DE-2-503-306-2014-K	DE-2-503	3	100	54.3	115	3.6	102	3.6	104	4	110	89	
DE-2-503-307-2014-K	DE-2-503	3	105	46.2	112	3.6	101	3.6	102	4	106	103	
DE-2-503-309-2014	DE-2-503	3	116	55.6	118	3.8	115	3.8	115	3.5	105	111	
DE-2-503-310-2014	DE-2-503	3	117	49.9	115	3.7	108	3.7	107	4	105	121	
DE-2-503-312-2014-K	DE-2-503	3	111	48.4	115	3.8	115	3.8	116	3	102	103	
DE-2-503-313-2014-K	DE-2-503	3	114	54.3	119	3.8	122	4	124	3	106	100	