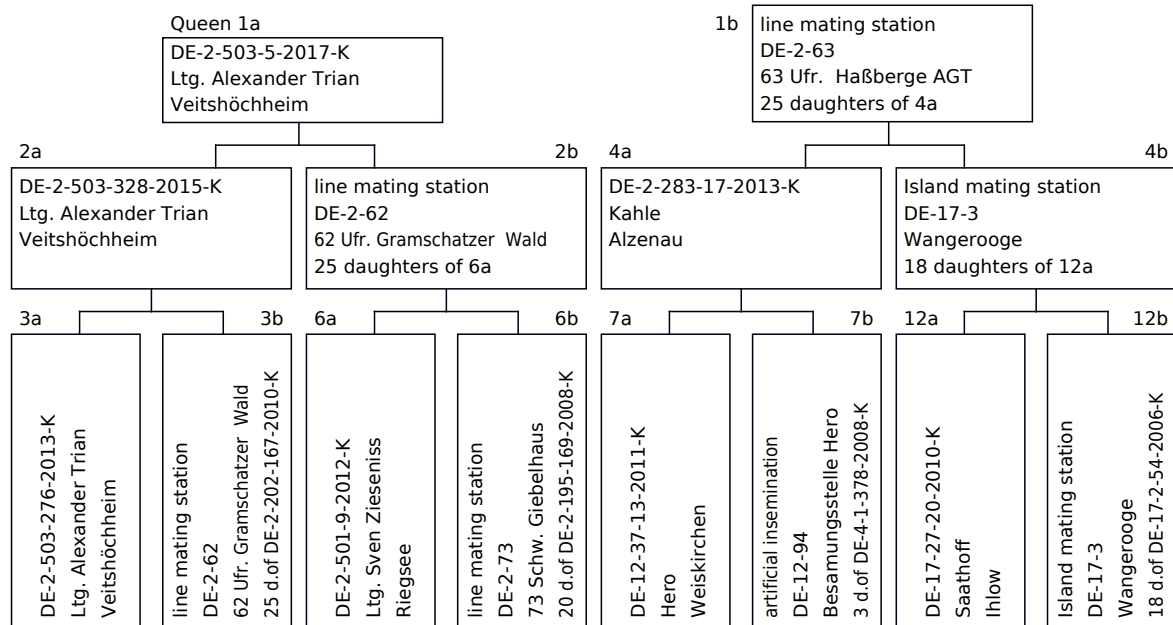


Tester of the queen: Ltg. Alexander Trian, Prüfhof Thüngersheim, 97209 Veitshöchheim, DE-2-503, Apiary 3  
 Breeder of the queen: Ltg. Alexander Trian, Prüfhof Thüngersheim, 97209 Veitshöchheim, DE-2-503  
**1a** Studbook number: **DE-2-503-5-2017-K**

Race line: Sign: yellow Daughters of Queen: 3.2%  
 Generation: Hatch date: 12.6.2017 Workers: 0.6%

### A. Pedigree



### B. Own performance

Performance test year	No. of the colony 173			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
	49.5	132.4	12	49	37.4
	Assessment*	Breeding values			Reliability
<b>Total breeding value<sup>1</sup></b>	-	122			
Honey yield	-	111			0.42
Defensive behavior	3.50	114			0.65
Steadiness on comb	3.30	114			0.65
Swarming drive	4	116			0.38
Varroa	-	120			0.36
Performance index	-	0			
Robustness in winter	2		70%	100%	170%
Development in Spring	3				
Colony strength	3				

<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-2-503-5-2017-K

## Page 2

### Performance of the sisters

Amount of checked sisters: 7

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-2-503-1-2017-K	DE-2-503	3	94	36.5	104	2.7	97	2.9	119	4	112	92	
DE-2-503-2-2017-K	DE-2-503	3	101	25.9	97	3.1	97	2.9	119	4	112	100	
DE-2-503-3-2017-K	DE-2-503	3	120	38.6	104	3.6	119	3.4	119	4	116	113	
DE-2-503-4-2017-K	DE-2-503	3	123	57.5	116	3.4	110	3.3	111	3	105	128	
DE-2-503-5-2017-K	DE-2-503	3	122	49.5	111	3.5	114	3.3	114	4	116	120	
DE-2-503-6-2017-K	DE-2-503	3	108	52.4	113	3.1	97	3	98	3	103	111	
DE-2-503-7-2017-K	DE-2-503	3	122	57.3	116	3.4	115	3.6	120	3	106	118	