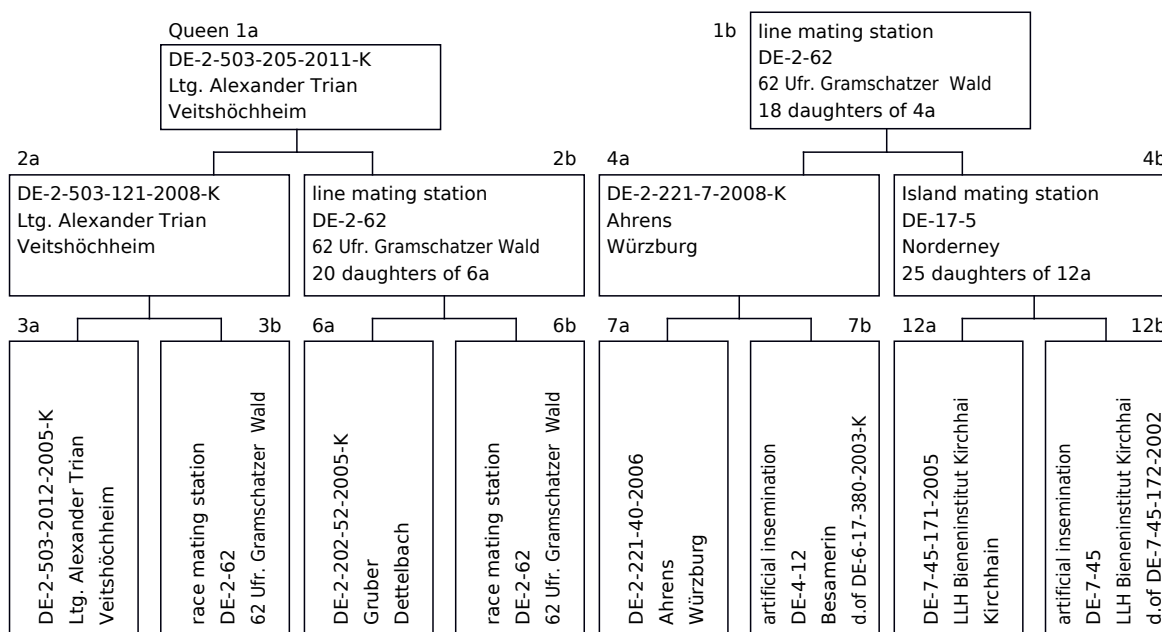


Tester of the queen: Ltg. Alexander Trian, Prühof Thüngersheim, 97209 Veitshöchheim, DE-2-503, Apiary 3
 Breeder of the queen: Ltg. Alexander Trian, Prühof Thüngersheim, 97209 Veitshöchheim, DE-2-503
1a Studbook number: **DE-2-503-205-2011-K**

Race line: Sign: white 87 Daughters of Queen: 10.1%
 Generation: 8 Hatch date: 16.5.2011 Workers: 0%

A. Pedigree



B. Own performance

Performance test year	No. of the colony 3166			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
	46.1	145.3	6	31	31.7
	Assessment*	Breeding values			Reliability
Total breeding value¹	-	120			
Honey yield	-	117			0.46
Defensive behavior	4	114			0.65
Steadiness on comb	4	113			0.68
Swarming drive	4	122			0.45
Varroa	-	114			0.54
Performance index	-	0			
Robustness in winter	3.40		70%	100%	170%
Development in Spring	4				
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 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-2-503-205-2011-K

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Performance of the sisters

Amount of checked sisters: 9

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-2-503-201-2011	DE-1-6	1	118		115		Behavior		during inspection		drive	114	
DE-2-503-202-2011	DE-1-6	1	108		104		103		102		108	109	
DE-2-503-203-2011	DE-1-6	1	106		111		107		108		115	96	
DE-2-503-204-2011-K	DE-2-503	3	118	45.5	117	4	114	4	113	4	122	110	
DE-2-503-205-2011-K	DE-2-503	3	120	46.1	117	4	114	4	113	4	122	114	
DE-2-503-206-2011-K	DE-2-503	3	111	46.4	117	4	114	4	115	4	126	94	
DE-2-503-207-2011-K	DE-2-503	3	113	28	106	3.8	105	3.8	103	4	113	114	
DE-2-503-208-2011-K	DE-2-503	3	110	53.3	120	3.9	111	4	113	3.5	119	95	
DE-2-503-209-2011-K	DE-2-503	3	117	39	113	4	113	4	113	4	121	109	