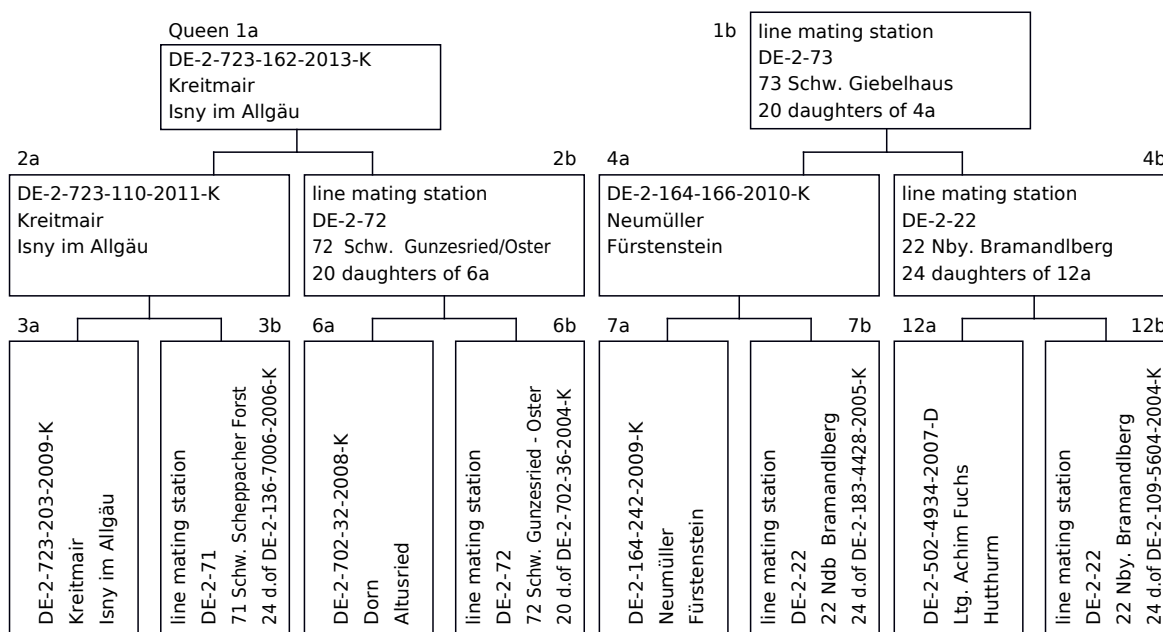


Tester of the queen: Ltg. Alexander Trian, Prüfhof Thüngersheim, 97209 Veitshöchheim, DE-2-503, Apiary 3  
 Breeder of the queen: Kreitmair, Gebhard, 88316 Isny im Allgäu, DE-2-723  
**1a** Studbook number: **DE-2-723-162-2013-K**

Race line: Sign: red 57 Daughters of Queen: 3.6%  
 Generation: 3 Hatch date: 29.5.2013 Workers: 0.3%

### A. Pedigree



### B. Own performance

Performance test year	No. of the colony 3352			comparable colonies at the apiary		
	kg	%	Ranking	number	Yield average kg	
	44	145.8	6	49	30.2	
	Assessment*	Breeding values			Reliability	
<b>Total breeding value<sup>1</sup></b>	-	106				
Honey yield	-	118				0.45
Defensive behavior	3.80	116				0.66
Steadiness on comb	3.50	119				0.68
Swarming drive	3	111				0.44
Varroa	-	88				0.54
Performance index	-	0				
Robustness in winter	3					
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 A

Suitable for breeding with no restrictions; suitable for use as a 4a colony at frequently visited mating stations (all customary breeding values over 100).

# Breeding selection report DE-2-723-162-2013-K

## Page 2

### Performance of the sisters

Amount of checked sisters: 14

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-2-723-151-2013-K	DE-2-501	1	102		115		Behavior		109		100	82	
DE-2-723-204-2013-K	DE-2-501	1	105		109				105		100	101	
DE-2-723-152-2013-K	DE-2-501	2	112		107				109		99	114	
DE-2-723-153-2013-K	DE-2-501	2	107		113				103		100	107	
DE-2-723-155-2013-K	DE-2-501	2	105		112				110		112	94	
DE-2-723-157-2013-K	DE-2-502	2	100		107				101		102	95	
DE-2-723-158-2013-K	DE-2-502	2	96		106				94		95	95	
DE-2-723-160-2013-K	DE-2-502	2	103		107				95		97	108	
DE-2-723-203-2013-K	DE-2-502	2	121		115				122		122	111	115
DE-2-723-162-2013-K	DE-2-503	3	106	44	118	3.8	116	3.5	119	3	111	88	
DE-2-723-163-2013-K	DE-2-503	3	122	64	132	3.8	118	3.5	119	4	120	109	
DE-2-723-164-2013-K	DE-2-503	3	107	39.7	114	3.5	102	3	102	4	108	104	
DE-2-723-165-2013-K	DE-2-503	3	100	32.7	111	3.5	109	3.5	112	3	104	87	
DE-2-723-219-2013	DE-2-723	1	105		113		102		103		102	103	