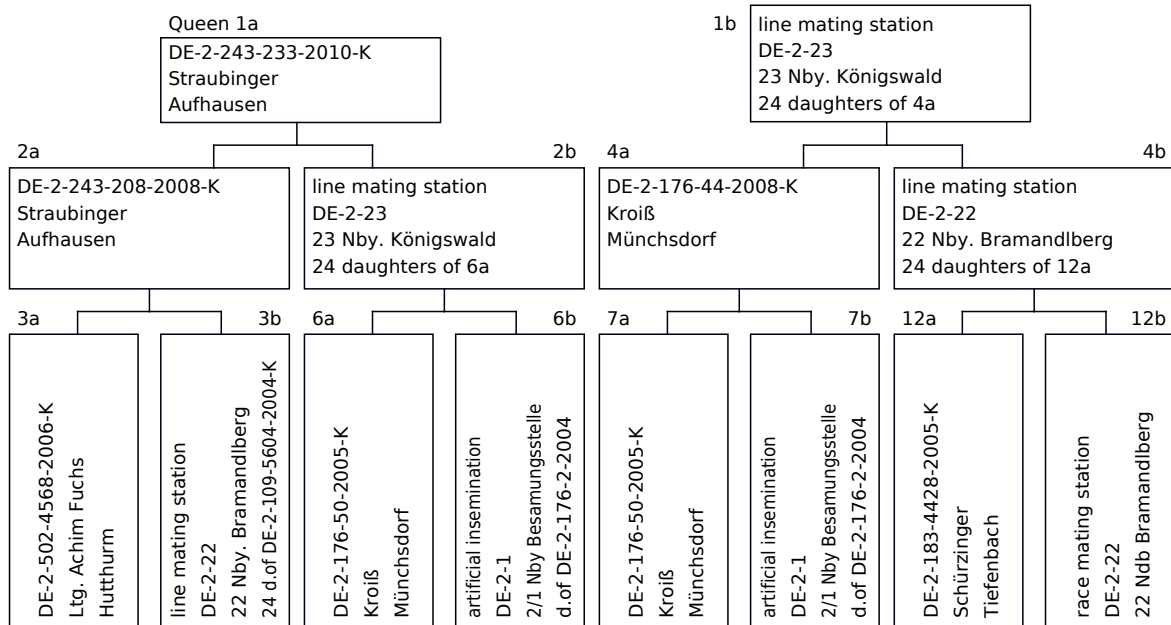


Tester of the queen: Ltg. Achim Fuchs, Prüfhof Kringell, 94116 Hutthurm, DE-2-502, Apiary 2  
 Breeder of the queen: Straubinger, Alfred, 94428 Aufhausen, DE-2-243  
**1a** Studbook number: **DE-2-243-233-2010-K**

Race line: -1 Sign: blue 50 Daughters of Queen: 0%  
 Generation: 1 Hatch date: 28.05.2010 Workers: 5.4%

### A. Pedigree



### B. Own performance

Performance test year	No. of the colony			comparable colonies at the apiary		
	kg	%	Ranking	number	Yield average kg	
	74.8	146.4	1	42	51.1	
	Assessment*	Breeding values			Reliability	
<b>Total breeding value<sup>1</sup></b>	-	107	■			
Honey yield	-	122	■			0.44
Defensive behavior	3.50	116	■			0.66
Steadiness on comb	3.50	120	■			0.68
Swarming drive	4	113	■			0.43
Varroa	-	87	■			0.54
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 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-2-243-233-2010-K

## Page 2

### Performance of the sisters

Amount of checked sisters: 20

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-2-243-245-2010-K	DE-2-243	1	106		110		Behavior		109		107	(99)	
DE-2-243-276-2010	DE-2-243	3	102		107			inspection	106		97	(98)	
DE-2-243-277-2010	DE-2-243	3	106		108				114		99	(99)	
DE-2-243-279-2010	DE-2-243	3	102		103				105		103	(97)	
DE-2-243-281-2010	DE-2-243	3	95		101				99		91	(94)	
DE-2-243-302-2010	DE-2-243	3	101		105				106		96	(98)	
DE-2-243-303-2010	DE-2-243	3	96		104				99		92	(94)	
DE-2-243-244-2010-K	DE-2-243	4	109		112				113		107	(100)	
DE-2-243-248-2010-K	DE-2-243	4	108		109				113		106	(99)	
DE-2-243-225-2010-K	DE-2-501	1	85		88				89		88	90	
DE-2-243-226-2010-K	DE-2-501	1	108		108				107		100	107	
DE-2-243-227-2010-K	DE-2-501	1	107		100				108		82	113	
DE-2-243-229-2010-K	DE-2-501	1	94		108				113		94	80	
DE-2-243-230-2010-K	DE-2-502	2	74	10.2	77	2.2	80	1.8	82	4	86	77	
DE-2-243-231-2010-K	DE-2-502	2	104	60.8	109	2.7	92	2.5	91	4	91	115	
DE-2-243-232-2010-K	DE-2-502	2	76	25.9	86	2.2	81	1.8	83	4	89	77	
DE-2-243-233-2010-K	DE-2-502	2	107	74.8	122	3.5	116	3.5	120	4	113	87	
DE-2-243-234-2010-K	DE-2-502	2	108	64.7	112	2.5	96	3.2	96	4	94	115	
DE-2-243-235-2010-K	DE-2-503	3	102		105		109		111		100	94	
DE-2-243-239-2010-K	DE-2-503	3	100		109		113		115		105	85	