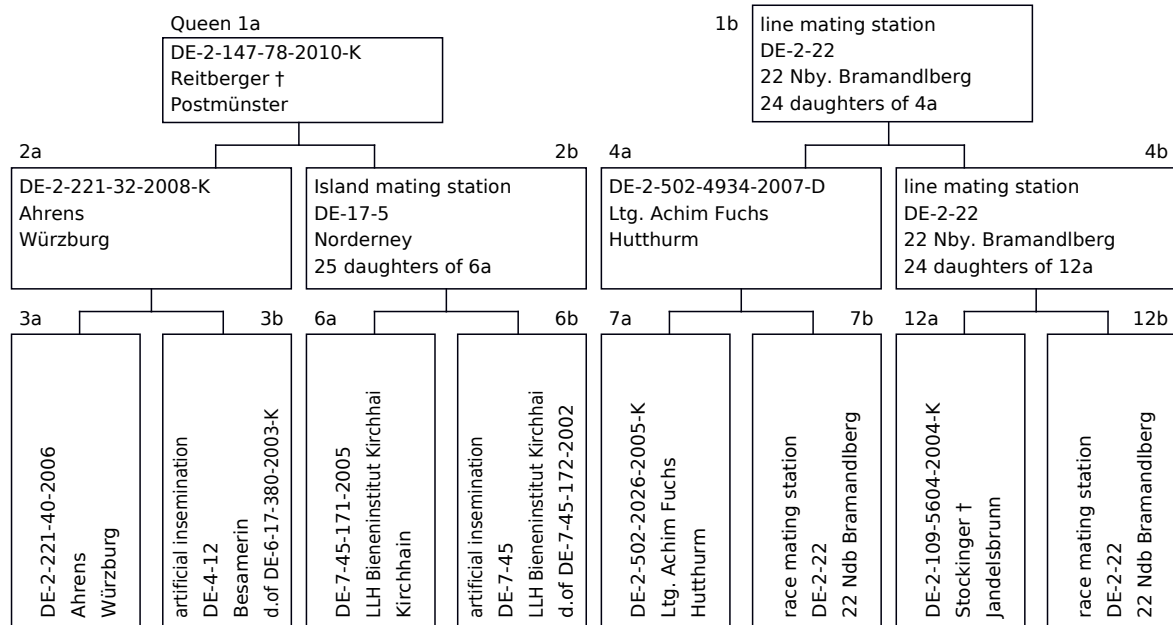


Tester of the queen: Reitberger †, Franz, 84389 Postmünster, DE-2-147, Apiary 1
 Breeder of the queen: Reitberger †, Franz, 84389 Postmünster, DE-2-147
1a Studbook number: **DE-2-147-78-2010-K**

Race line: Sign: blue 78
 Generation: Hatch date: 22.05.2010

Daughters of Queen: 0%
 Workers: 0%

A. Pedigree



B. Own performance

Performance test year	No. of the colony			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
	66	100.8	6	12	65.5
	Assessment*	Breeding values			Reliability
Total breeding value¹	-	117			
Honey yield	-	110			0.41
Defensive behavior	3.50	114			0.61
Steadiness on comb	3.50	113			0.63
Swarming drive	4	112			0.4
Varroa	-	(115)			0.28
Performance index	-	0			
Robustness in winter			70%	100%	170%
Development in Spring					
Colony strength					

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 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-2-147-78-2010-K

Page 2

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-2-147-70-2010	DE-2-147	1	106	74	114	3	3	3	3	3	3	(110)	
DE-2-147-71-2010	DE-2-147	1	104	65	105	3	97	3	96	4	104	(108)	
DE-2-147-72-2010	DE-2-147	1	113	56	99	3.5	113	3.5	112	4	109	(112)	
DE-2-147-78-2010-K	DE-2-147	1	117	66	110	3.5	114	3.5	113	4	112	(115)	
DE-2-233-42-2010-K	DE-2-233	1	127		121		122		121		120	(120)	
DE-2-233-51-2010	DE-2-233	1	110		105		103		103		108	(111)	
DE-2-233-54-2010	DE-2-233	1	116		114		110		110		112	(113)	
DE-2-233-57-2010	DE-2-233	1	104		96		101		101		104	(107)	
DE-2-233-58-2010	DE-2-233	1	102		102		96		97		92	(108)	