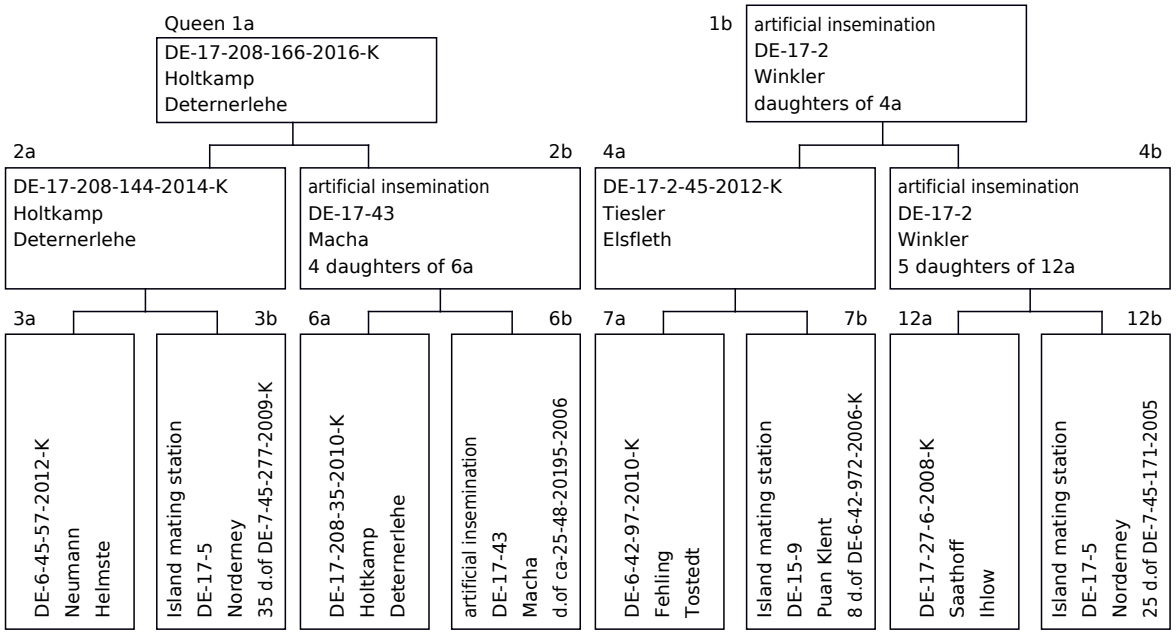
Breeding selection report
DE-17-208-166-2016-K

Tester of the queen:	Holtkamp, Helmut, 26847 Deternerlehe, DE-17-208, Apiary 4	
Breeder of the queen:	Holtkamp, Helmut, 26847 Deternerlehe, DE-17-208	
1a Studbook number:	**DE-17-208-166-2016-K**	
		Daughters of
Race line: -40	Sign: white 24	Queen: 10.1%
Generation: 3	Hatch date: 20.05.2016	Workers: 0.7%

A. Pedigree



B. Own performance

	No. of the colony 259			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	82.9	151.5	3	21	54.7

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	126	
Honey yield	-	121	0.42
Defensive behavior	4	113	0.63
Steadiness on comb	4	115	0.64
Swarming drive	4	115	0.39
Varroa	-	124	0.33
Performance index	-	0	
Robustness in winter	4		
Development in Spring	4		
Colony strength	4		

70% 100% 170%

[1]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.

28.05.2018

For the correctness DE-17

Breeding selection report DE-17-208-166-2016-K

Page 2

Performance of the sisters

Amount of checked sisters: 16

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 during inspection	Swarming drive	Breeding Value Swarming drive	Varroa-index	Performance ndex
AT-99-129-101-2016	AT-99-129	2	117		103		124		129		112	106	
DE-17-2-27-2016	DE-17-2	4	109		111		101		97		109	110	
DE-17-208-129-2016	DE-17-208	1	93	5	92	2	77	2	75	4	105	111	
DE-17-208-173-2016	DE-17-208	1	110	44.5	107	3.5	111	3.5	111	4	113	101	
DE-17-208-166-2016-K	DE-17-208	4	126	82.9	121	4	113	4	115	4	115	124	
DE-17-208-167-2016	DE-17-208	4	106	47.3	101	4	105	3	101	4	110	104	
DE-17-208-168-2016	DE-17-208	4	94	25.8	89	2	83	3	86	4	106	105	
DE-17-208-169-2016	DE-17-208	4	116	57.7	107	3.5	104	3.5	104	4	111	120	
DE-17-208-170-2016	DE-17-208	5	119	71.5	113	4	114	4	113	4	111	116	
DE-17-208-171-2016	DE-17-208	5	93	28.1	91	2	80	2	80	4	103	108	
DE-17-208-128-2016	DE-17-208	6	105	53.6	99	3	95	3	94	4	109	112	
DE-17-208-130-2016	DE-17-208	8	105	5	102	2	88	2	85	4	117	115	
DE-17-208-172-2016	DE-17-208	8	103	18.7	107	2	93	2.5	93	4	119	100	
DE-17-208-267-2016	IT-20-35	1	98		100		102		101		105	92	
DE-17-208-268-2016	IT-20-108	1	122		110		112		113		108	125	
DE-17-208-264-2016	IT-20-128	1	99		96		86		84		101	113*	

Only one Varroa trait was recorded