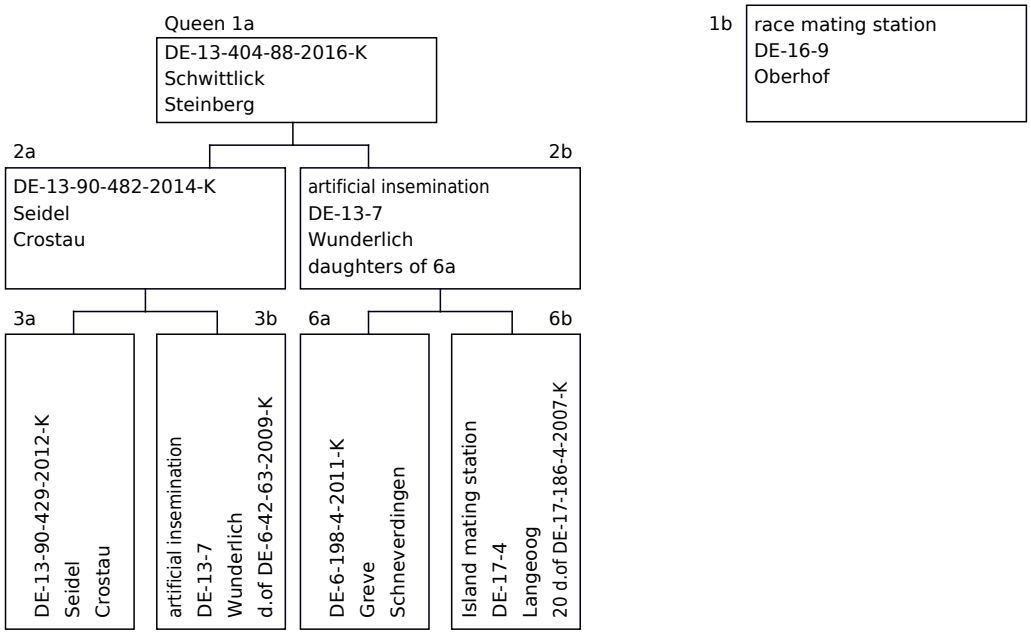
DEUTSCHER IMKERBUND E.V.

Breeding selection report
DE-13-404-88-2016-K

Tester of the queen:	Schwittlick, Ralf, 08237 Steinberg, DE-13-404, Apiary 1	
Breeder of the queen:	Schwittlick, Ralf, 08237 Steinberg, DE-13-404	
1a Studbook number:	**DE-13-404-88-2016-K**	
		Daughters of
Race line: -1	Sign: white 46	Queen: 2.5%
Generation: 1	Hatch date: 15.06.2016	Workers: 1.6%

A. Pedigree



B. Own performance

	No. of the colony			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	70	109.5	3	10	63.9

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	119	
Honey yield	-	115	0.37
Defensive behavior	4.00	117	0.57
Steadiness on comb	4.00	119	0.58
Swarming drive	4.00	118	0.33
Varroa	-	(106)	0.11
Performance index	-	0	
Robustness in winter	4.00		
Development in Spring	3.70		
Colony strength	4.00		

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 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).

16.05.2018

For the correctness DE-13

Breeding selection report DE-13-404-88-2016-K

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Performance of the sisters

Amount of checked sisters: 10

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-13-404-88-2016-K	DE-13-404	1	119	70	115	4.0	117	4.0	119	4.0	118	(106)	
DE-13-404-89-2016	DE-13-404	1	111	43	85	4.0	117	3.8	117	4.0	114	(106)	
DE-13-404-90-2016	DE-13-404	1	111	66	111	3.7	102	3.7	105	4	115	(106)	
DE-13-404-91-2016	DE-13-404	1	117	72	117	4.0	113	3.8	113	4.0	117	(106)	
DE-13-404-92-2016	DE-13-404	1	112	64	108	3.8	106	3.7	107	4.0	115	(106)	
DE-13-404-93-2016-K	DE-13-404	1	117	68	113	4.0	115	3.9	116	4.0	117	(106)	
DE-13-404-94-2016	DE-13-404	1	114	67	112	3.7	108	4.0	113	4.0	116	(106)	
DE-13-404-96-2016	DE-13-404	1	110	68	113	4.0	108	3.5	105	3.5	104	(106)	
DE-13-404-97-2016	DE-13-404	1	115	73	119	3.7	105	3.9	109	4.0	116	(106)	
DE-13-404-99-2016	DE-13-404	1	114	48	91	4.0	120	4.0	122	4.0	115	(106)	