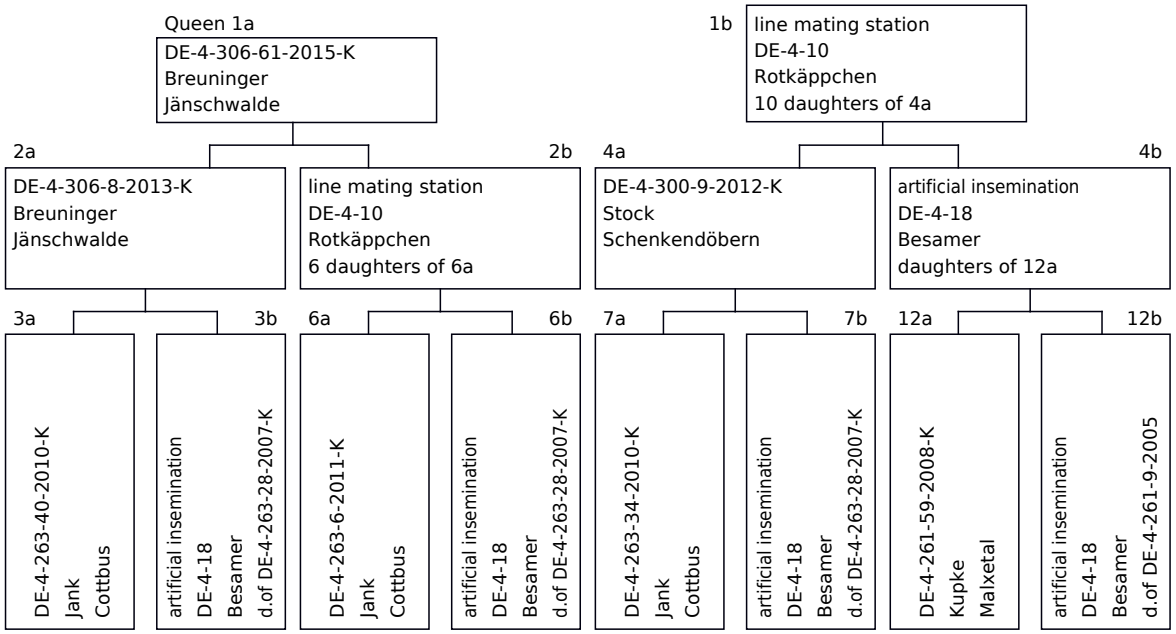
DEUTSCHER IMKERBUND E.V.

Breeding selection report
DE-4-306-61-2015-K

Tester of the queen:	Breuninger, Hans Jörg, 03197 Jänschwalde, DE-4-306, Apiary 2	
Breeder of the queen:	Breuninger, Hans Jörg, 03197 Jänschwalde, DE-4-306	
1a Studbook number:	**DE-4-306-61-2015-K**	
		Daughters of
Race line: -10	Sign: blue 61	Queen: 19.6%
Generation: 1	Hatch date: 27.07.2015	Workers: 19.6%

A. Pedigree



B. Own performance

	No. of the colony			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	76	115.8	2	20	65.7

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	104	
Honey yield	-	106	0.39
Defensive behavior	4	105	0.6
Steadiness on comb	4	105	0.62
Swarming drive	3	99	0.36
Varroa	-	(102)	0.16
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 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).

30.05.2017

For the correctness DE-4

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Performance of the sisters

Amount of checked sisters: 50

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
DE-4-306-11-2015	DE-4-46	1	93		90		94		96		89	(99)	
DE-4-306-14-2015	DE-4-273	1	99		87		104		104		101	(99)	
DE-4-306-112-2015	DE-4-273	1	103		102		106		106		97	(102)	
DE-4-306-12-2015	DE-4-279	1	90		83		91		90		97	(96)	
DE-4-306-116-2015	DE-4-279	1	109		109		112		112		103	(105)	
DE-4-306-138-2015	DE-4-279	1	90		100		85		85		87	(96)	
DE-4-306-10-2015	DE-4-302	1	81		75		81		80		86	(91)	
DE-4-306-13-2015	DE-4-304	1	94		93		94		94		95	(98)	
DE-4-306-23-2015	DE-4-306	1	96	10	90	4	99	4	99	4	96	(99)	
DE-4-306-24-2015	DE-4-306	1	95	6	88	4	99	4	99	4	96	(98)	
DE-4-306-25-2015	DE-4-306	1	97	15	93	4	100	4	99	4	97	(99)	
DE-4-306-26-2015	DE-4-306	1	96	10	90	4	99	4	99	4	96	(99)	
DE-4-306-28-2015	DE-4-306	1	89	19	91	4	84	3	83	4	92	(98)	
DE-4-306-29-2015	DE-4-306	1	96	10	90	4	99	4	99	4	96	(99)	
DE-4-306-30-2015	DE-4-306	1	97	13	92	4	100	4	99	4	97	(99)	
DE-4-306-31-2015	DE-4-306	1	102	35	105	4	101	4	101	4	101	(101)	
DE-4-306-33-2015	DE-4-306	1	96	10	90	4	99	4	99	4	96	(99)	
DE-4-306-34-2015	DE-4-306	1	91	25	94	4	84	3	83	4	93	(99)	
DE-4-306-35-2015	DE-4-306	1	100	28	101	4	100	4	100	4	100	(100)	
DE-4-306-37-2015	DE-4-306	1	100	27	100	4	100	4	100	4	99	(100)	
DE-4-306-38-2015	DE-4-306	1	95	5	87	4	99	4	99	4	95	(98)	
DE-4-306-39-2015	DE-4-306	1	99	24	98	4	100	4	100	4	99	(100)	
DE-4-306-41-2015	DE-4-306	1	101	32	103	4	101	4	101	4	100	(101)	
DE-4-306-42-2015	DE-4-306	1	101	29	101	4	101	4	100	4	100	(100)	
DE-4-306-43-2015	DE-4-306	1	103	41	108	4	101	4	101	4	102	(101)	
DE-4-306-44-2015	DE-4-306	2	93	66	93	4	92	3	91	3	91	(99)	
DE-4-306-45-2015	DE-4-306	2	92	54	83	4	91	3	89	4	104	(97)	
DE-4-306-46-2015	DE-4-306	2	100	66	97	4	104	4	104	3	96	(100)	
DE-4-306-47-2015	DE-4-306	2	102	62	94	4	103	4	103	4	111	(99)	
DE-4-306-48-2015	DE-4-306	2	105	79	109	4	105	4	105	3	100	(102)	
DE-4-306-49-2015	DE-4-306	2	96	66	95	4	92	3	91	4	107	(99)	
DE-4-306-50-2015	DE-4-306	2	102	70	101	4	104	4	104	3	97	(101)	
DE-4-306-51-2015	DE-4-306	2	94	67	94	4	92	3	91	3	92	(100)	
DE-4-306-52-2015	DE-4-306	2	102	72	103	4	104	4	104	3	98	(101)	
DE-4-306-53-2015	DE-4-306	2	93	56	85	4	91	3	89	4	104	(98)	
DE-4-306-54-2015	DE-4-306	2	101	67	98	4	104	4	104	3	96	(101)	
DE-4-306-55-2015	DE-4-306	2	104	76	106	4	105	4	105	3	99	(102)	
DE-4-306-56-2015-K	DE-4-306	2	102	72	103	4	104	4	104	3	98	(101)	
DE-4-306-57-2015	DE-4-306	2	103	75	105	4	104	4	105	3	99	(102)	
DE-4-306-58-2015	DE-4-306	2	102	71	102	4	104	4	104	3	97	(101)	
DE-4-306-59-2015	DE-4-306	2	94	67	94	4	92	3	91	3	92	(100)	
DE-4-306-60-2015	DE-4-306	2	103	75	105	4	104	4	105	3	99	(102)	
DE-4-306-61-2015-K	DE-4-306	2	104	76	106	4	105	4	105	3	99	(102)	
DE-4-306-62-2015	DE-4-306	2	90	49	78	4	90	3	88	4	102	(96)	
DE-4-306-63-2015	DE-4-306	2	66	27	54	3	73	4	73		(69)	(83)	
DE-4-306-9-2015	DE-4-307	2	103		98		106		106		102	(102)	
DE-4-306-4-2015	DE-4-307	3	111		110		112		112		111	(105)	
DE-4-306-5-2015	DE-4-307	3	110		107		112		112		110	(105)	
DE-4-306-6-2015	DE-4-307	3	111		108		112		112		110	(105)	
DE-4-306-16-2015	DE-4-311	1	91		78		97		96		91	(96)	