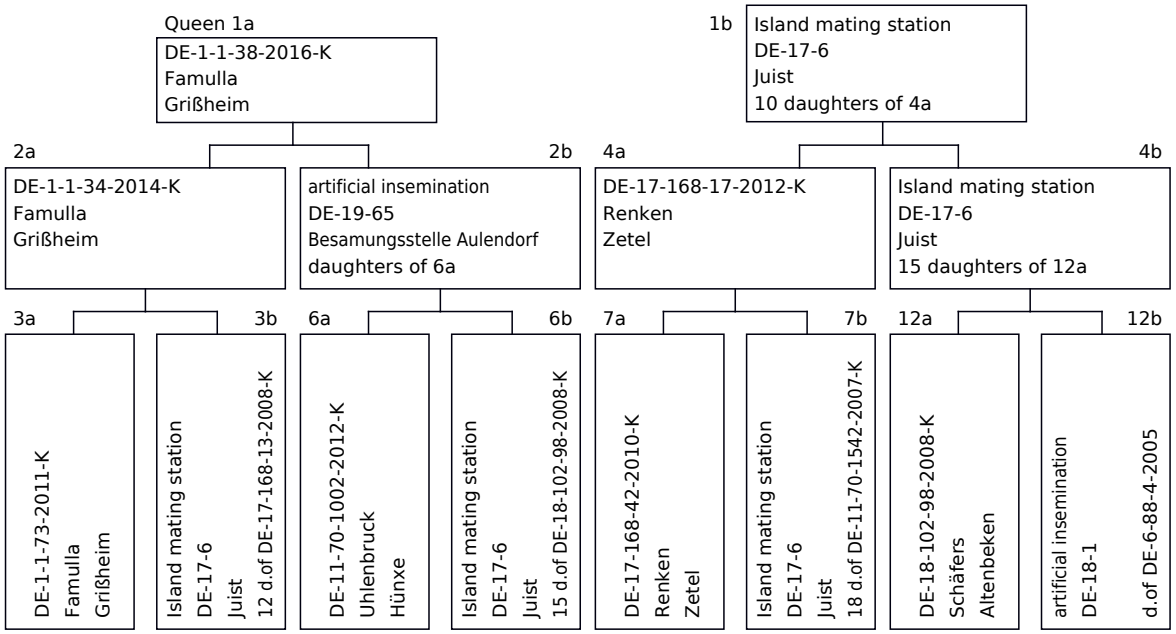
DEUTSCHER IMKERBUND E.V.

Breeding selection report
DE-1-1-38-2016-K

Tester of the queen:	Famulla, Leo, 79395 Grißheim, DE-1-1, Apiary 1	
Breeder of the queen:	Famulla, Leo, 79395 Grißheim, DE-1-1	
1a Studbook number:	**DE-1-1-38-2016-K**	
		Daughters of
Race line: -14	Sign: white 38	Queen: 3.7%
Generation: 12	Hatch date: 08.06.2016	Workers: 7.3%

A. Pedigree



B. Own performance

	No. of the colony			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	55	131.2	1	12	41.9

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	117	
Honey yield	-	119	0.42
Defensive behavior	4	109	0.62
Steadiness on comb	4	109	0.62
Swarming drive	4	108	0.39
Varroa	-	113	0.32
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.

20.05.2018

For the correctness DE-1

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Performance of the sisters

Amount of checked sisters: 49

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-1-1-26-2016	DE-1-1	1	102	35	100	4	111	4	111	3.5	98	94	
DE-1-1-27-2016	DE-1-1	1	111	54	118	4	109	4	109	4	108	100	
DE-1-1-33-2016	DE-1-1	1	95	31	97	3.8	100	3.8	100	3	86	97	
DE-1-1-37-2016	DE-1-1	1	102	38	103	3.8	99	3.8	99	3.5	96	106	
DE-1-1-38-2016-K	DE-1-1	1	117	55	119	4	109	4	109	4	108	113	
DE-1-1-41-2016	DE-1-1	1	100	47	112	3.8	98	3.8	98	4	106	92	
DE-1-1-43-2016	DE-1-1	1	99	28	94	3.8	98	3.7	97	3.5	94	105	
DE-1-1-44-2016	DE-1-1	1	101	34	99	3.8	100	3.8	100	4	104	101	
DE-1-2-81-2016	DE-1-2	1	94		108		84		83		99	(101)	
DE-1-2-82-2016	DE-1-2	1	101		112		95		94		101	(101)	
DE-1-5-16-2016-K	DE-1-5	1	110		106		108		110		102	108*	
DE-1-5-17-2016-K	DE-1-5	1	114		110		113		113		103	111*	
DE-1-5-18-2016	DE-1-5	1	99		108		95		93		100	99*	
DE-1-5-19-2016	DE-1-5	1	107		100		107		104		101	108*	
DE-1-5-20-2016	DE-1-5	1	104		115		112		112		104	87*	
DE-1-5-21-2016	DE-1-5	1	104		107		116		115		103	88*	
DE-1-1-84-2016	DE-1-7	2	102		107		115		115		89	92	
DE-1-1-85-2016	DE-1-7	2	107		108		105		105		103	103	
DE-1-1-88-2016	DE-1-7	2	100		106		101		102		103	95	
DE-1-1-90-2016	DE-1-7	2	103		113		107		107		104	91	
DE-1-7-227-2016	DE-1-7	2	106		103		101		102		102	108	
DE-1-7-229-2016	DE-1-7	2	103		104		108		108		103	95	
DE-1-7-232-2016-K	DE-1-7	2	107		114		97		97		103	108	
DE-1-10-1-2016	DE-1-10	1	108		106		109		110		102	103	
DE-1-10-3-2016	DE-1-10	1	106		97		110		111		108	101	
DE-1-10-5-2016	DE-1-10	1	102		109		102		99		108	95	
DE-1-10-6-2016	DE-1-10	1	98		113		95		100		95	94	
DE-1-10-8-2016	DE-1-10	1	105		107		109		110		102	98	
DE-1-10-11-2016	DE-1-10	1	93		96		104		101		80	95	
DE-1-10-12-2016	DE-1-10	1	113		110		109		109		109	109	
DE-1-12-51-2016	DE-1-12	1	103		109		103		105		105	96	
DE-1-12-55-2016	DE-1-12	1	110		119		113		112		107	96	
DE-1-12-56-2016	DE-1-12	1	97		111		97		97		104	88	
DE-1-12-59-2016	DE-1-12	1	97		102		93		95		102	99	
DE-1-12-60-2016-K	DE-1-12	1	123		114		114		114		107	125	
DE-1-12-65-2016	DE-1-12	1	106		86		118		118		83	109	
DE-1-12-66-2016	DE-1-12	1	95		106		95		92		102	92	
DE-1-17-5-2016	DE-1-17	1	106		107		108		108		102	(101)	
DE-1-17-7-2016	DE-1-17	1	106		106		108		108		102	(101)	
DE-1-17-10-2016-K	DE-1-17	1	107		114		107		107		103	(101)	
DE-1-30-26-2016	DE-1-30	1	105		104		104		105		101	103	
DE-1-12-97-2016	DE-1-36	1	114		122		106		106		116	105	
DE-1-12-98-2016	DE-1-36	1	97		105		91		90		111	96	
DE-1-12-99-2016	DE-1-36	1	102		97		109		109		87	102	
DE-1-12-95-2016	DE-1-37	1	102		91		108		109		108	95	
DE-1-12-96-2016	DE-1-37	1	110		110		115		113		102	102	
DE-1-1-28-2016	DE-11-70	2	108		108		106		105		103	107	
DE-1-1-34-2016	DE-11-70	2	108		112		108		109		104	102	
DE-1-1-36-2016	DE-11-70	2	113		118		107		108		104	108	

Only one Varroa trait was recorded