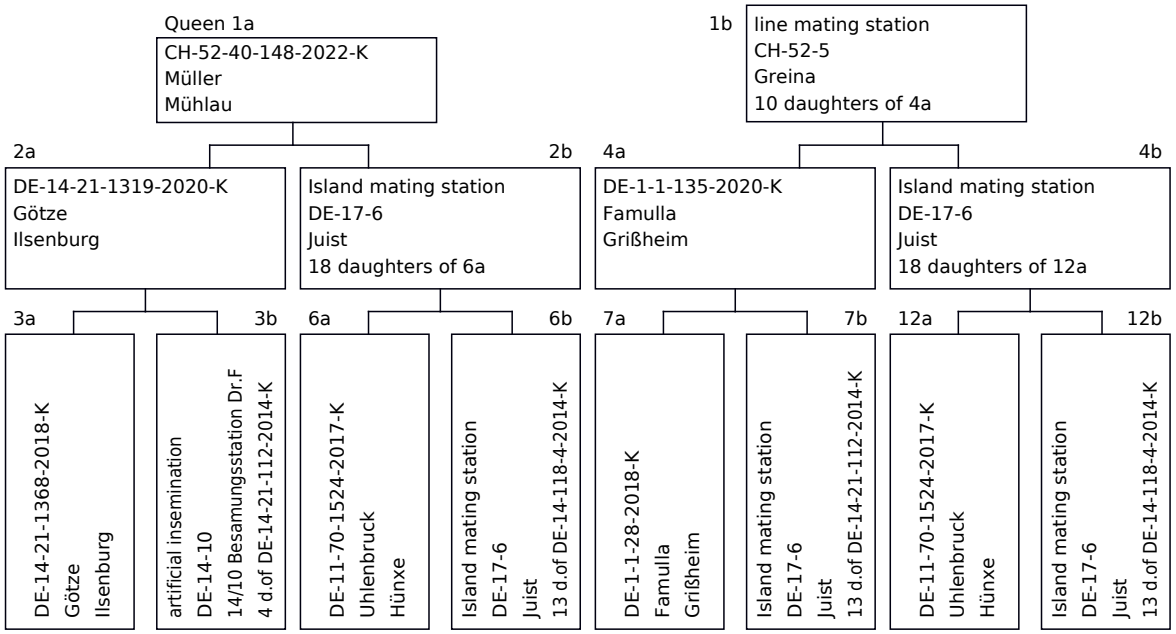
Breeding selection report
CH-52-40-148-2022-K

Tester of the queen:	Müller, Markus, 5642 Mühlau, CH-52-40, Apiary 2	
Breeder of the queen:	Müller, Markus, 5642 Mühlau, CH-52-40	
1a Studbook number:	**CH-52-40-148-2022-K**	
		Daughters of
Race line: -47/9/26	Sign: yellow 48	Queen: 3.9%
Generation:	Hatch date:	Workers: 10.1%

A. Pedigree



B. Own performance

	No. of the colony			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	11.7	132.6	2	9	8.8

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	98	
Honey yield	-	107	0.5
Defensive behavior	3.90	109	0.58
Steadiness on comb	3.90	104	0.58
Swarming drive	4	98	0.54
Varroa	-	88*	0.55
Performance index	-	105	0.5
Robustness in winter	4		
Development in Spring			
Colony strength			

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%.
Only one Varroa trait was recorded

C. Performance of the sisters

See page 2

D. Body features, see appendix

none Analysis of race characteristics

E. Results

Class J

24.02.2024

For the correctness CH-52

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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 Behavior	Calmness during inspection	Breeding Value Calmness during inspection	Swarming drive	Breeding Value Swarming drive	Varroa-index	Performance ndex
CH-52-40-36-2022	CH-52-24	1	88		103		102		96		96	78	97
CH-52-40-37-2022	CH-52-24	1	87		101		96		91		95	79	95
CH-52-40-38-2022	CH-52-24	1	89		105		99		93		96	79	98
CH-52-40-147-2022	CH-52-40	2	95	13.5	109	3.8	107	3.8	103	4	98	83*	105
CH-52-40-148-2022-K	CH-52-40	2	98	11.7	107	3.9	109	3.9	104	4	98	88*	105
CH-52-40-152-2022	CH-52-40	2	92	3.7	98	3.3	102	3.2	96	4	96	85*	98
CH-52-40-153-2022	CH-52-40	2	91	10.1	105	3.1	100	3.3	96	4	96	82*	99
CH-52-40-33-2022	CH-52-154	1	96		103		106		101		90	91	100
CH-52-40-34-2022**	CH-52-154	1	93		(104)		(102)		(97)		(96)	(86)	100
CH-52-40-35-2022	CH-52-154	1	94		108		107		101		97	81	104

Only one Varroa trait was recorded

Colony without performance tests