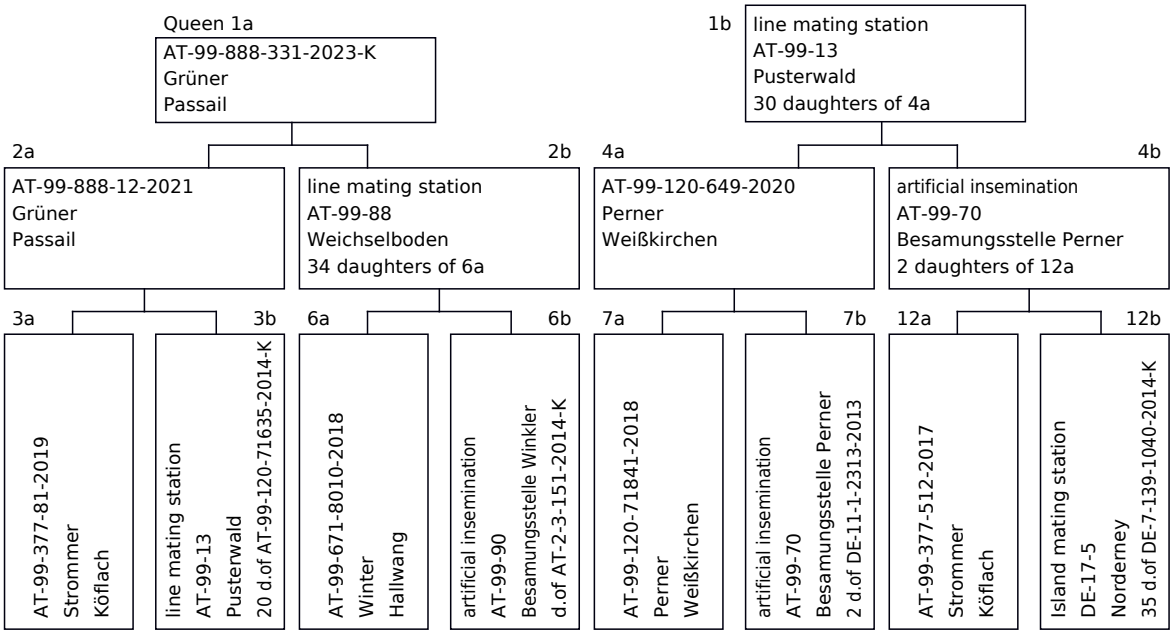
Breeding selection report
AT-99-888-331-2023-K

Tester of the queen:	Grüner, Harald, 8162 Passail, AT-99-888, Apiary 2	
Breeder of the queen:	Grüner, Harald, 8162 Passail, AT-99-888	
1a Studbook number:	**AT-99-888-331-2023-K**	
Race line:	Sign: red 25	Daughters of Queen: 6.1%
Generation:	Hatch date:	Workers: 6.3%

A. Pedigree



B. Own performance

	No. of the colony 106			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	13	122.5	5	23	10.6

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	126	
Honey yield	-	120	0.54
Defensive behavior	4	120	0.62
Steadiness on comb	4	119	0.61
Swarming drive	4	116	0.46
Varroa	-	122	0.58
Performance index	-	122	0.54
Robustness in winter	3		
Development in Spring	4		
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%.

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.

25.12.2025

For the correctness AT-99

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Performance of the sisters

Amount of checked sisters: 8

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-99-888-206-2023	AT-99-208	1	123		117		120		118		114	117	120
AT-99-888-92-2023	AT-99-377	3	126		117		119		117		114	125	120
AT-99-888-324-2023-K	AT-99-888	2	125	12	119	4	120	3.9	118	4	115	121	121
AT-99-888-329-2023	AT-99-888	2	122	12	119	4	120	3.9	118	4	115	116	121
AT-99-888-331-2023-K	AT-99-888	2	126	13	120	4	120	4	119	4	116	122	122
AT-99-888-334-2023	AT-99-888	2	125	9	116	4	120	3.8	118	4	114	123	120
AT-99-888-335-2023	AT-99-888	2	124	10	117	3.9	118	3.7	116	4	114	122	119
AT-99-888-306-2023	AT-99-888	3	122	14	117	4	119	3.4	116	4	114	118	119