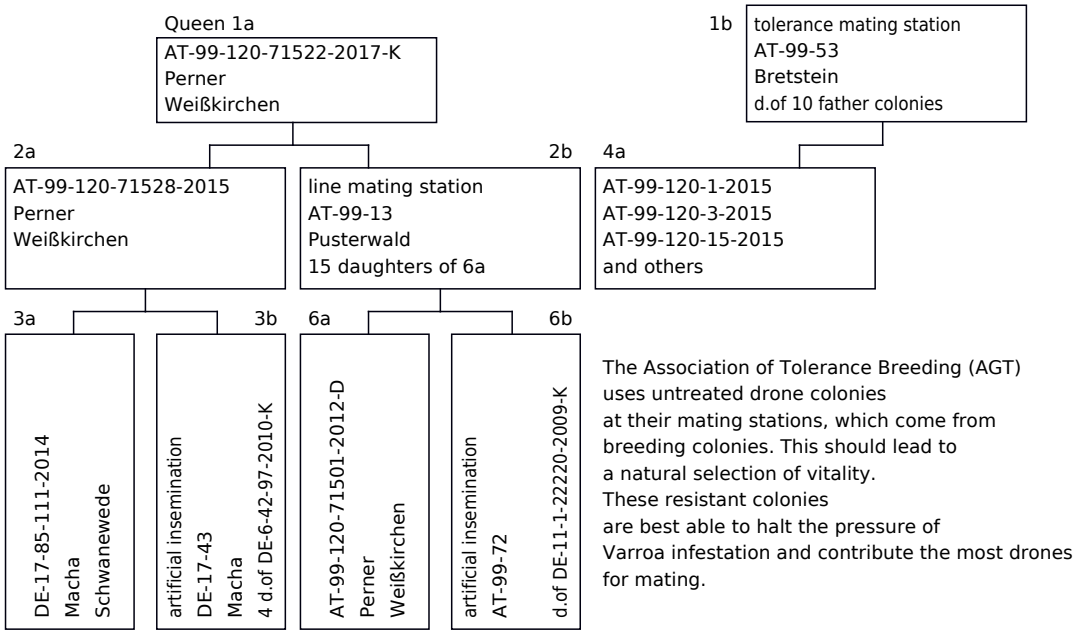
DEUTSCHER IMKERBUND E.V.

Breeding selection report
AT-99-120-71522-2017-K

LVBI

Tester of the queen:	Schwarzer, Herbert, 84405 Dorfen, DE-2-731, Apiary 2	
Breeder of the queen:	Perner, Karl, 8741 Weißkirchen, AT-99-120	
1a Studbook number:	**AT-99-120-71522-2017-K**	
		Daughters of
Race line: -1	Sign: yellow	Queen: 0.8%
Generation: 1	Hatch date: 22.06.2017	Workers: 0.0%

A. Pedigree



The Association of Tolerance Breeding (AGT) uses untreated drone colonies at their mating stations, which come from breeding colonies. This should lead to a natural selection of vitality. These resistant colonies are best able to halt the pressure of Varroa infestation and contribute the most drones for mating.

B. Own performance

	No. of the colony 25			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	36	121.7	1	12	29.6

	Assessment*	Breeding values	Reliability
Total breeding value¹	-	108	
Honey yield	-	105	0.35
Defensive behavior	4	108	0.57
Steadiness on comb	3.90	107	0.58
Swarming drive	4	100	0.32
Varroa	-	106	0.3
Performance index	-	0	
Robustness in winter			
Development in Spring			
Colony strength			

70% 100% 170%

¹In 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

none Analysis of race characteristics

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.

01.01.2020

For the correctness DE-2

Breeding selection report AT-99-120-71522-2017-K

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Performance of the sisters

Amount of checked sisters: 2

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	Swarming drive	Breeding Value Swarming drive	Varroa-index	Performance ndex
AT-99-120-71521-2017	DE-2-731	1	108	33	104	3.8	106	3.9	107	4	101	107	
AT-99-120-71522-2017-K	DE-2-731	2	108	36	105	4	108	3.9	107	4	100	106	