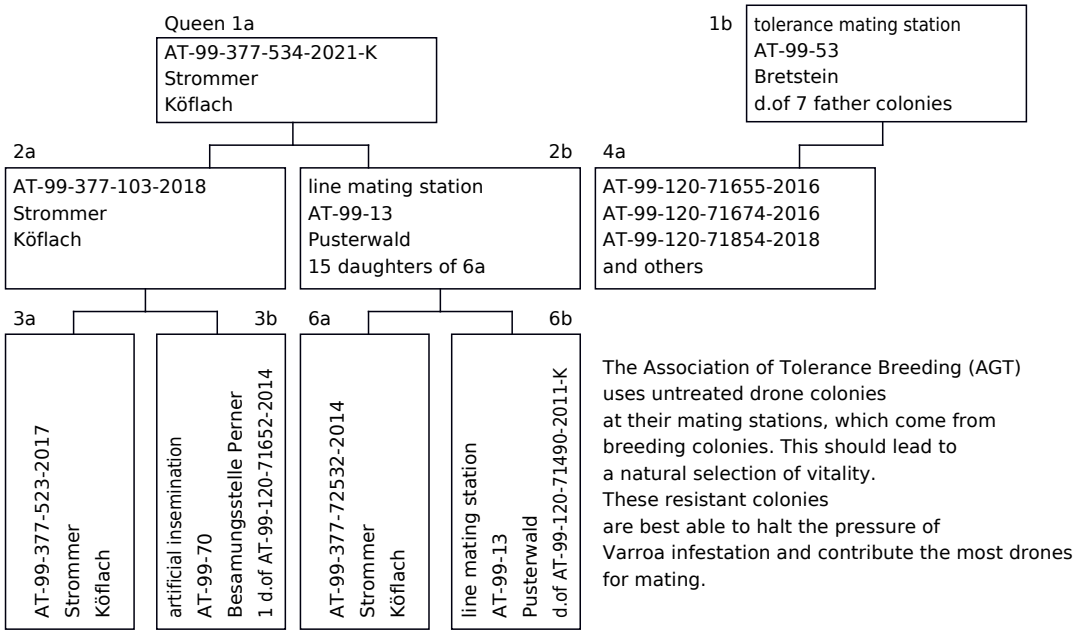
Breeding selection report
AT-99-377-534-2021-K

Tester of the queen:	Larcher, Erich, 39042 Brixen, IT-20-118, Apiary 3	
Breeder of the queen:	Strommer, Harald, 8580 Köflach, AT-99-377	
1a Studbook number:	**AT-99-377-534-2021-K**	
		Daughters of
Race line:	Sign: white 8	Queen: 4.3%
Generation:	Hatch date:	Workers: 6.9%

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 8			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	47.2	120.7	2	10	39.1

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	132	
Honey yield	-	121	0.54
Defensive behavior	4	121	0.63
Steadiness on comb	4	123	0.63
Swarming drive	4	109	0.49
Varroa	-	136	0.6
Performance index	-	122	0.54
Robustness in winter			
Development in Spring	3.70		
Colony strength	3.90		

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

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.

25.05.2023

For the correctness IT-20

Breeding selection report AT-99-377-534-2021-K

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Performance of the sisters

Amount of checked sisters: 3

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-99-120-871-2021	AT-99-120	1	131		119		121		122		108	136	120
AT-99-377-27-2021	AT-99-377	3	128		116		120		122		108	131	119
AT-99-377-534-2021-K	IT-20-118	3	132	47.2	121	4	121	4	123	4	109	136	122