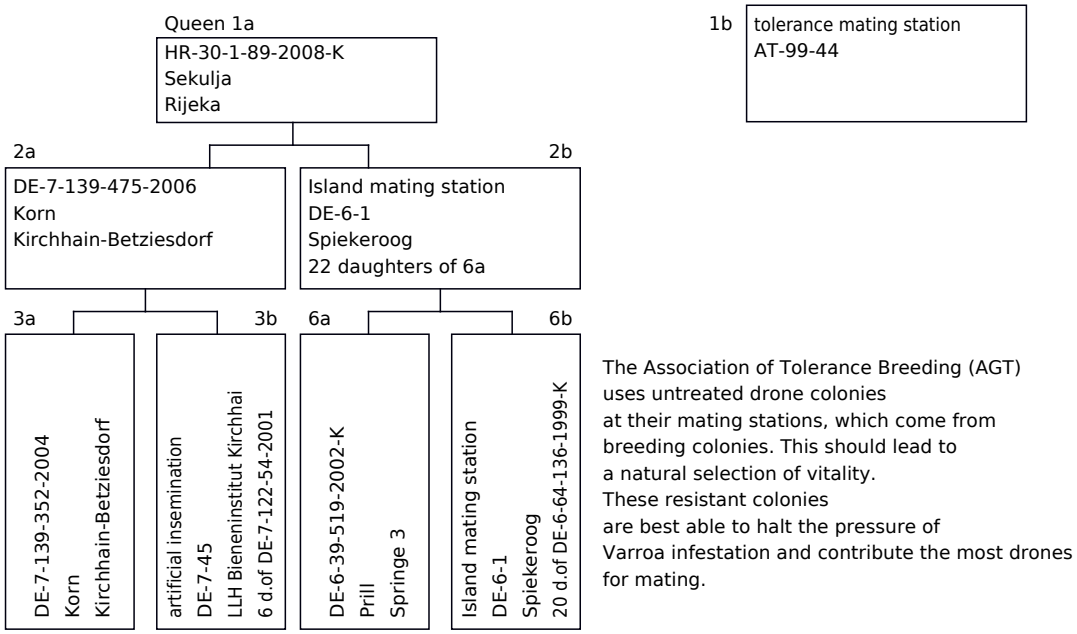
Breeding selection report
HR-30-1-89-2008-K

Tester of the queen:	Lamprecht, Ortwin, 9361 St. Salvator, AT-99-156, Apiary 1	
Breeder of the queen:	Sekulja, Damir, 51000 Rijeka, HR-30-1	
1a Studbook number:	**HR-30-1-89-2008-K**	
		Daughters of
Race line:	Sign: red	Queen: 0.0%
Generation:	Hatch date:	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 2			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	82.7	164.5	1	24	50.3

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	84	
Honey yield	-	92	0.53
Defensive behavior	4	85	0.66
Steadiness on comb	4	88	0.65
Swarming drive	4	91	0.53
Varroa	-	82*	0.42
Performance index	-	87	0.53
Robustness in winter			
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%.
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

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Performance of the sisters

Amount of checked sisters: 1

Studbook number	Tester of the queen	Apiary	Total breeding value	Yield kg	Breeding Value Honey	Defensive behavior	Breeding Value Defensive	Calmness during inspection	Breeding Value Calmness	Swarming drive	Breeding Value Swarming	Varroa-index	Performance ndex
HR-30-1-89-2008-K	AT-99-156	1	84	82.7	92	4	85	4	88	4	91	82*	87

inspection

Only one Varroa trait was recorded