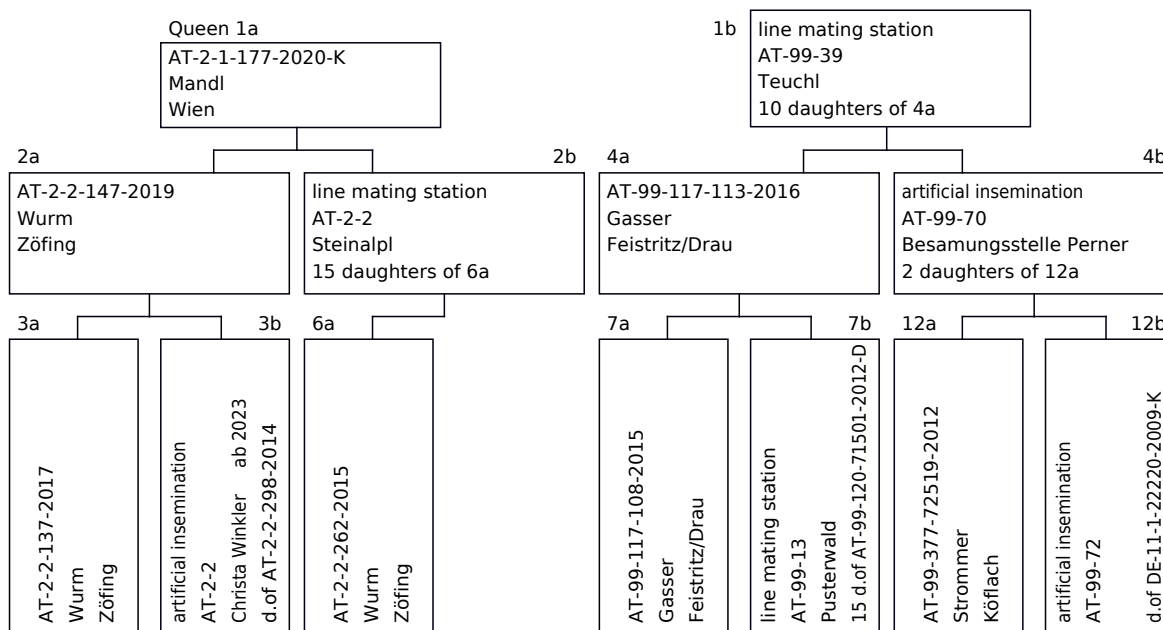


Breeding selection report

AT-2-1-177-2020-K

Tester of the queen:	Mandl, Stefan, 1030 Wien, AT-2-1, Apiary 5	
Breeder of the queen:	Mandl, Stefan, 1030 Wien, AT-2-1	
1a Studbook number:	AT-2-1-177-2020-K	
Race line: -Peschetz	Sign: blue	Daughters of Queen: 0.0%
Generation:	Hatch date:	Workers: 0.0%

A. Pedigree



B. Own performance

Performance test year	No. of the colony 177			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
	31.7	116.5	2	13	27.2
	Assessment*	Breeding values			Reliability
Total breeding value¹	-	98	█		
Honey yield	-	105	█		0.75
Defensive behavior	4	106	█		0.8
Steadiness on comb	4	108	█		0.77
Swarming drive	4	115	█		0.67
Varroa	-	81	█		
Performance index	-	111	█		0.75
Robustness in winter			70%	100%	170%
Development in Spring					
Colony strength					

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

See attached characteristic documents:

E. Results

Class A

Suitable for breeding with no restrictions; suitable for use as a 4a colony at frequently visited mating stations (all customary breeding values over 100).

Breeding selection report AT-2-1-177-2020-K

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Performance of the sisters

Amount of checked sisters: 9

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	Swarming drive	Breeding Value Swarming	Varroa-index	Performance index
AT-2-1-13-2020	AT-2-1	1	97	29.1	104	4	104	4	107	4	113	84	108
AT-2-1-45-2020	AT-2-1	2	96	52.1	115	4	106	4	108	4	118	72	115
AT-2-1-172-2020	AT-2-1	5	98	24.6	110	4	105	4	107	4	113	80	111
AT-2-1-173-2020	AT-2-1	5	99	28.2	112	4	105	4	107	4	114	81	112
AT-2-1-177-2020-K	AT-2-1	5	98	31.7	105	4	106	4	108	4	115	81	111
AT-2-1-154-2020	AT-2-1	6	99	35.6	114	4	104	4	106	4	115	81	112
AT-2-1-160-2020	AT-2-1	6	93	11.2	103	3	95	4	102	4	106	83	102
AT-2-1-200-2020	AT-2-1	7	99	37.4	115	4	105	4	107	4	117	79	114
AT-2-1-208-2020	AT-2-1	7	99	30.9	110	4	104	4	105	4	111	85	109