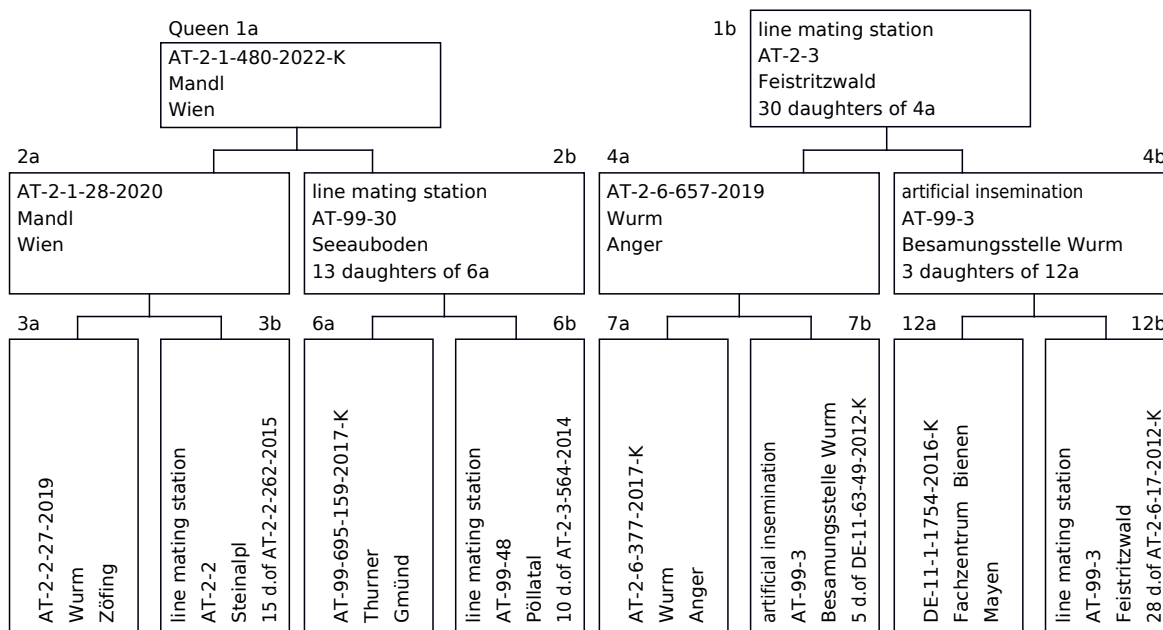


Breeding selection report

AT-2-1-480-2022-K

Tester of the queen:	Mandl, Stefan, 1030 Wien, AT-2-1, Apiary 14	
Breeder of the queen:	Mandl, Stefan, 1030 Wien, AT-2-1	
1a Studbook number:	AT-2-1-480-2022-K	
Race line: -C1	Sign: yellow	Daughters of Queen: 0.0%
Generation:	Hatch date:	Workers: 1.7%

A. Pedigree



B. Own performance

Performance test year	No. of the colony 480			comparable colonies at the apiary		
	kg	%	Ranking	number	Yield average kg	
	18.1	91.2	18	30	19.8	
	Assessment*	Breeding values			Reliability	
Total breeding value¹	-	114				
Honey yield	-	104				0.67
Defensive behavior	4	115				0.74
Steadiness on comb	4	112				0.71
Swarming drive	4	102				0.71
Varroa	-	112				
Performance index	-	110				0.67
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 B
Suitable for breeding.

Breeding selection report AT-2-1-480-2022-K

Page 2

Performance of the sisters

Amount of checked sisters: 13

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-2-1-86-2022	AT-2-1	3	103	27.8	104	3	104	4	104	4	104	106	97
AT-2-1-378-2022	AT-2-1	12	109	28.9	103	4	109	4	105	4	99	109	105
AT-2-1-412-2022	AT-2-1	12	107	18.5	99	4	108	4	104	4	95	109	102
AT-2-1-424-2022	AT-2-1	13	109	59.8	109	4	110	4	106	4	104	105	109
AT-2-1-467-2022-K	AT-2-1	14	114	24	111	4	110	4	102	4	107	114	109
AT-2-1-469-2022**	AT-2-1	14	107		(102)		(109)		(104)		(97)	(107)	104
AT-2-1-479-2022	AT-2-1	14	104	14	98	4	108	4	104	4	95	103	102
AT-2-1-480-2022-K	AT-2-1	14	114	18.1	104	4	115	4	112	4	102	112	110
AT-2-1-718-2022	AT-2-1	21	102	16.3	95	4	108	4	103	1	85	104*	97
AT-2-1-736-2022	AT-2-1	21	108	16.4	98	4	108	4	104	4	98	110	103
AT-2-1-945-2022	AT-2-1	28	104	9	97	4	108	4	104	4	94	105	101
AT-2-1-955-2022	AT-2-1	28	106	11	98	4	108	4	104	4	95	107*	102
AT-2-1-962-2022	AT-2-1	28	107	16.5	101	4	109	4	104	4	97	106	103

Only one Varroa trait was recorded

Colony without performance tests