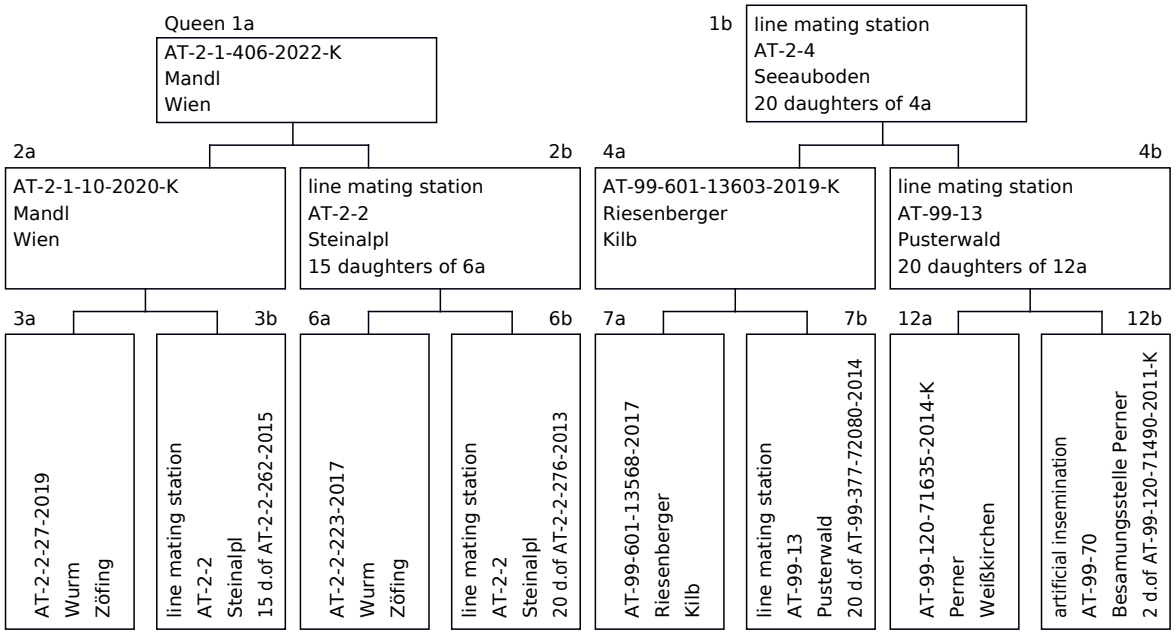
MANDL

Breeding selection report
AT-2-1-406-2022-K

Tester of the queen:	Mandl, Stefan, 1030 Wien, AT-2-1, Apiary 12	
Breeder of the queen:	Mandl, Stefan, 1030 Wien, AT-2-1	
1a Studbook number:	**AT-2-1-406-2022-K**	
		Daughters of
Race line: -C1	Sign: yellow	Queen: 0.0%
Generation:	Hatch date:	Workers: 0.0%

A. Pedigree



B. Own performance

	No. of the colony 406			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	41.8	176.5	1	27	23.7

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	107	
Honey yield	-	109	0.68
Defensive behavior	4	102	0.74
Steadiness on comb	4	90	0.72
Swarming drive	4	109	0.7
Varroa	-	106	
Performance index	-	103	0.68
Robustness in winter			
Development in Spring			
Colony strength			

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

See attached characteristic documents:

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.

14.10.2024

For the correctness AT-2

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Performance of the sisters

Amount of checked sisters: 19

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
AT-2-1-406-2022-K	AT-2-1	12	107	41.8	109	4	102	4	90	4	109	106	103
AT-2-1-494-2022	AT-2-1	15	106		(104)		(100)		(96) inspection		(108)	106*	103
AT-2-1-515-2022**	AT-2-1	15	105		(104)		(100)		(96)		(108)	(103)	103
AT-2-1-537-2022**	AT-2-1	16	105		(104)		(100)		(96)		(108)	(103)	103
AT-2-1-540-2022**	AT-2-1	16	105		(104)		(100)		(96)		(108)	(103)	103
AT-2-1-596-2022**	AT-2-1	18	105		(104)		(100)		(96)		(108)	(103)	103
AT-2-1-625-2022**	AT-2-1	18	105		(104)		(100)		(96)		(108)	(103)	103
AT-2-1-638-2022**	AT-2-1	19	105		(104)		(100)		(96)		(108)	(103)	103
AT-2-1-639-2022**	AT-2-1	19	105		(104)		(100)		(96)		(108)	(103)	103
AT-2-1-640-2022**	AT-2-1	19	105		(104)		(100)		(96)		(108)	(103)	103
AT-2-1-642-2022**	AT-2-1	19	105		(104)		(100)		(96)		(108)	(103)	103
AT-2-1-682-2022**	AT-2-1	20	105		(104)		(100)		(96)		(108)	(103)	103
AT-2-1-683-2022	AT-2-1	20	106	9.1	100	4	103	4	99	4	109	105*	104
AT-2-1-685-2022**	AT-2-1	20	105		(104)		(100)		(96)		(108)	(103)	103
AT-2-1-698-2022	AT-2-1	20	104	36.5	108	4	103	4	99	4	113	98	107
AT-2-1-702-2022**	AT-2-1	20	105		(104)		(100)		(96)		(108)	(103)	103
AT-2-1-773-2022	AT-2-1	23	106	34.9	108	4	96	4	93	4	111	105	103
AT-2-1-994-2022	AT-2-1	30	107	28	108	4	100	4	97	4	111	105	105
AT-2-1-1182-2022	AT-2-1	35	106	39.6	110	4	101	4	97	4	112	102	107

Only one Varroa trait was recorded

Colony without performance tests