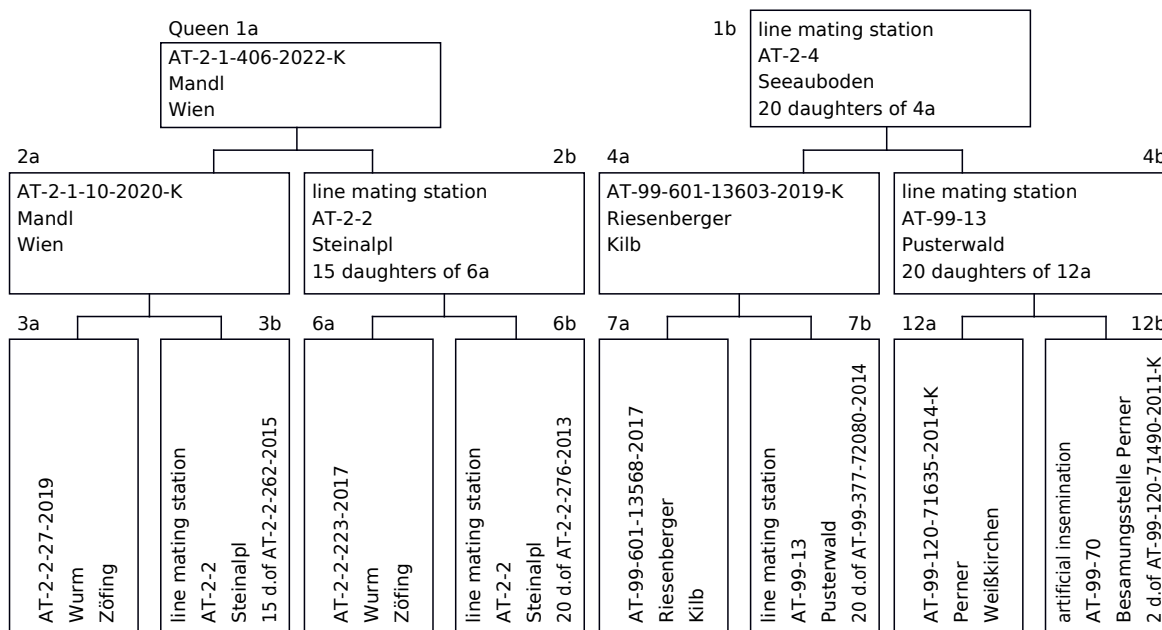


# Breeding selection report

## 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	
<b>1a</b> Studbook number:	<b>AT-2-1-406-2022-K</b>	
Race line: -C1	Sign: yellow	Daughters of Queen: 0.0%
Generation:	Hatch date:	Workers: 0.0%

### A. Pedigree



### B. Own performance

Performance test year	No. of the colony 406			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
	41.8	176.5	1	27	23.7
	Assessment*		Breeding values		
<b>Total breeding value<sup>1</sup></b>	-	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			70% 100% 170%		
Development in Spring					
Colony strength					

<sup>1</sup>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.

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

## Page 2

### 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 index
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)		inspection (96)		(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