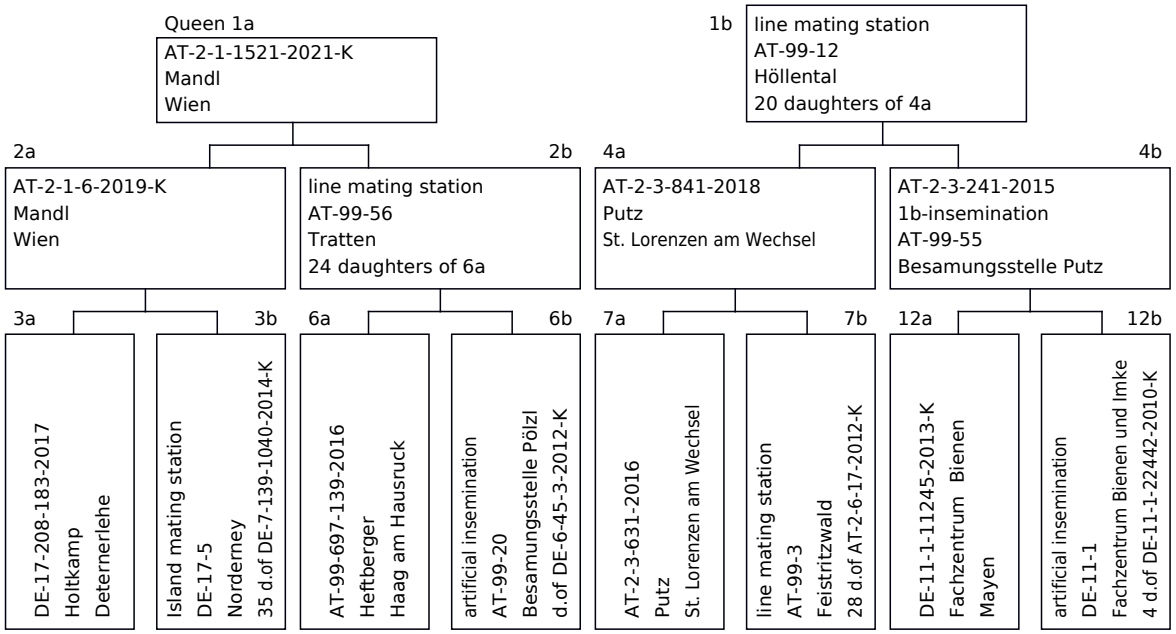
MANDL

Breeding selection report
AT-2-1-1521-2021-K

Tester of the queen:	Mandl, Stefan, 1030 Wien, AT-2-1, Apiary 45	
Breeder of the queen:	Mandl, Stefan, 1030 Wien, AT-2-1	
1a Studbook number:	**AT-2-1-1521-2021-K**	
		Daughters of
Race line:	Sign: white	Queen: 3.2%
Generation:	Hatch date:	Workers: 1.7%

A. Pedigree



B. Own performance

	No. of the colony 1521			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	16.2	132.5	4	16	12.2

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	108	
Honey yield	-	90	0.66
Defensive behavior	4	101	0.73
Steadiness on comb	4	104	0.7
Swarming drive	4	98	0.68
Varroa	-	115	
Performance index	-	98	0.66
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 B
Suitable for breeding.

15.10.2024

For the correctness AT-2

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Performance of the sisters

Amount of checked sisters: 20

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 during inspection	Swarming drive	Breeding Value Swarming drive	Varroa-index	Performance ndex
AT-2-1-214-2021	AT-2-1	7	100	19.6	89	3	88	4	97	4	97	110	90
AT-2-1-247-2021	AT-2-1	8	96	5.6	86	3	83	3	86	4	91	111	83
AT-2-1-747-2021	AT-2-1	22	103	35.7	96	4	95	4	98	4	104	105	98
AT-2-1-1243-2021	AT-2-1	37	96	66.8	97	2	73	4	80	4	101	109	85
AT-2-1-1254-2021	AT-2-1	37	105	25.1	88	4	99	4	101	4	100	111	96
AT-2-1-1270-2021	AT-2-1	38	103	10.4	88	4	94	4	98	4	100	111	94
AT-2-1-1276-2021	AT-2-1	38	101	45	98	4	89	4	94	4	104	104	96
AT-2-1-1396-2021	AT-2-1	42	103	42.4	95	4	95	4	99	4	102	107	97
AT-2-1-1406-2021	AT-2-1	42	101	24.5	91	4	95	4	98	4	100	105	95
AT-2-1-1411-2021	AT-2-1	42	102	28.8	92	4	95	4	98	4	101	108*	96
AT-2-1-1505-2021	AT-2-1	45	102	12.8	93	4	96	4	99	4	102	105	97
AT-2-1-1509-2021	AT-2-1	45	102		(92)	4	96	4	99	4	101	106*	96
AT-2-1-1521-2021-K	AT-2-1	45	108	16.2	90	4	101	4	104	4	98	115	98
AT-2-1-1619-2021	AT-2-1	48	101	13.3	92	4	94	4	98	4	102	105	96
AT-2-1-2457-2021	AT-2-5	1	94		87		80		88		89	(107)	82
AT-2-1-2459-2021	AT-2-5	1	103		85		105		108		92	(107)	97
AT-2-1-2481-2021	AT-2-5	1	101		93		88		92		104	(107)	93
AT-2-1-2482-2021	AT-2-5	1	108		97		103		107		108	(107)	105
AT-2-1-2485-2021	AT-2-5	1	103		95		98		97		101	(107)	97
AT-2-1-2756-2021	AT-2-5	1	106		82		115		120		100	(103)	105

Only one Varroa trait was recorded