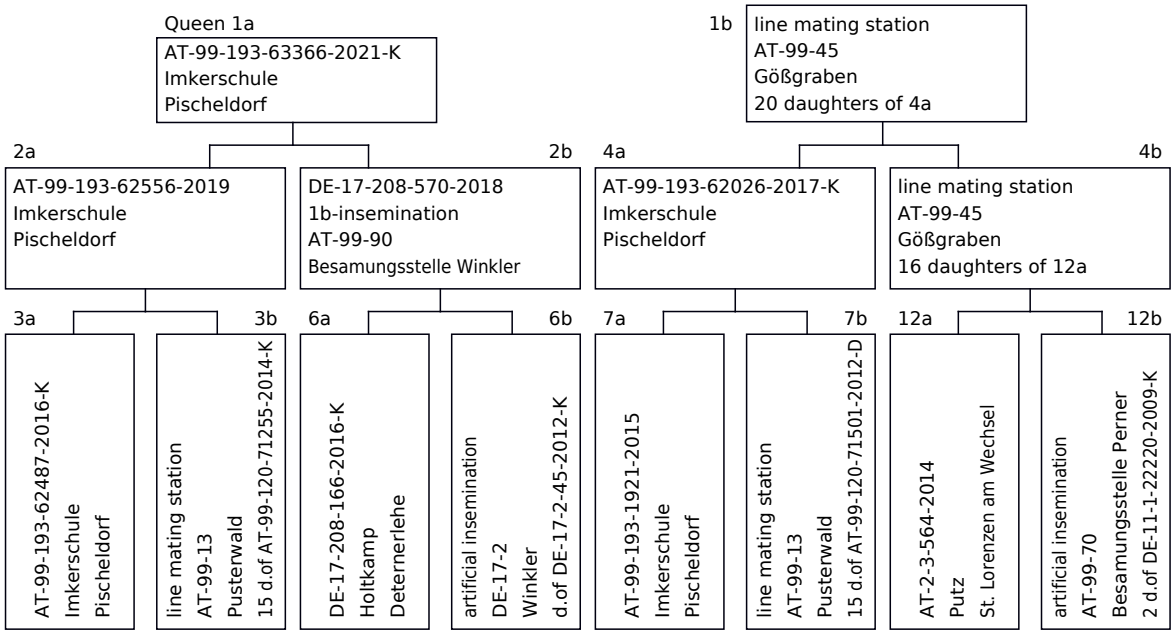
Breeding selection report
AT-99-193-63366-2021-K

Tester of the queen:	Imkerschule, Kärntner, 9064 Pischeldorf, AT-99-193, Apiary 1	
Breeder of the queen:	Imkerschule, Kärntner, 9064 Pischeldorf, AT-99-193	
1a Studbook number:	**AT-99-193-63366-2021-K**	
		Daughters of
Race line:	Sign: white 68	Queen: 1.2%
Generation:	Hatch date: 11.07.2021	Workers: 2.4%

A. Pedigree



B. Own performance

	No. of the colony 209			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	7.5	94.9	29	46	7.9

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	117	
Honey yield	-	103	0.48
Defensive behavior	4	108	0.58
Steadiness on comb	4	107	0.58
Swarming drive	4	109	0.52
Varroa	-	123	0.55
Performance index	-	108	0.48
Robustness in winter	3		
Development in Spring	3		
Colony strength	3		

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.

30.11.2023

For the correctness AT-99

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Performance of the sisters

Amount of checked sisters: 23

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-99-193-62452-2021	AT-99-155	1	114		103		107		102		107	121	104
AT-99-193-62454-2021	AT-99-155	1	114		103		102		102		107	121	104
AT-99-193-63352-2021	AT-99-193	1	117	3.9	100	4	108	4	108	4	109	123	107
AT-99-193-63354-2021	AT-99-193	1	116	4.7	101	3.8	106	4	107	4	109	123	107
AT-99-193-63355-2021	AT-99-193	1	113	11.2	106	3.8	106	4	106	4	109	115	108
AT-99-193-63356-2021	AT-99-193	1	116	9.2	105	3.8	106	4	106	4	109	122	107
AT-99-193-63357-2021	AT-99-193	1	117	10.8	106	3.8	106	4	106	4	109	123	108
AT-99-193-63366-2021-K	AT-99-193	1	117	7.5	103	4	108	4	107	4	109	123	108
AT-99-193-63367-2021	AT-99-193	1	116	1.7	98	4	108	4	108	4	109	123	107
AT-99-193-63368-2021	AT-99-193	1	117	4.9	101	3.8	106	4	107	4	109	124	107
AT-99-193-63369-2021	AT-99-193	1	116		(103)	3.8	106	3.8	105	4	109	(121)	107
AT-99-193-63370-2021	AT-99-193	1	118	11.1	106	4	107	4	107	4	109	124	109
AT-99-193-63377-2021	AT-99-193	1	116	6.9	103	4	108	4	107	4	109	120	108
AT-99-193-63380-2021	AT-99-193	1	114	5.6	101	3.3	100	3.3	100	4	107	123	102
AT-99-193-63000-2021	AT-99-288	1	112		104		104		104		108	115	106
AT-99-193-63001-2021	AT-99-288	1	118		106		106		106		109	124	108
AT-99-193-63002-2021	AT-99-288	1	117		106		106		106		109	123*	108
AT-99-193-63004-2021	AT-99-288	1	115		105		104		105		109	119	107
AT-99-193-63208-2021	AT-99-288	1	116		102		103		104		108	125	105
AT-99-193-63209-2021	AT-99-288	1	114		102		106		106		108	117	106
AT-99-193-61889-2021-K	DE-2-731	1	116		104		108		108		109	119	108
AT-99-193-61890-2021	DE-2-731	1	114		104		103		103		108	120	105
AT-99-193-61891-2021	DE-2-731	2	114		102		106		105		108	120	106

Only one Varroa trait was recorded