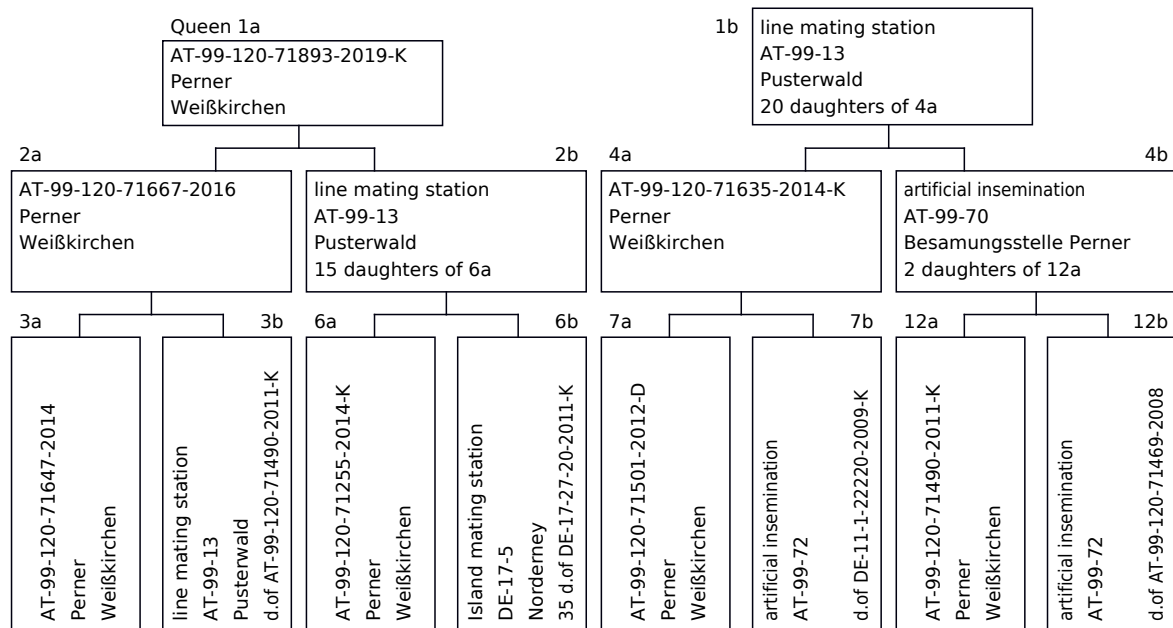


Tester of the queen: Noack, Marion, 16928 Gerdshagen, DE-4-305, Apiary 3  
 Breeder of the queen: Perner, Karl, 8741 Weißkirchen, AT-99-120  
**1a** Studbook number: **AT-99-120-71893-2019-K**

Race line: -L561-K4303 Sign: green 75 Daughters of Queen: 4.1%  
 Generation: 5 Hatch date: 30.07.2019 Workers: 9.5%

### A. Pedigree



### B. Own performance

Performance test year	No. of the colony			comparable colonies at the apiary		
	kg	%	Ranking	number	Yield average kg	
	31.6	138.1	1	8	22.9	
	Assessment*		Breeding values			Reliability
<b>Total breeding value<sup>1</sup></b>	-	125				
Honey yield	-	122				0.61
Defensive behavior	4	124				0.66
Steadiness on comb	3.80	120				0.66
Swarming drive	4	117				0.6
Varroa	-	117				0.63
Performance index	-	124				0.61
Robustness in winter			70%	100%	170%	
Development in Spring						
Colony strength	3.50					

<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 P

Use only for test breeding. The offspring of these colonies should not circulate among other bees.

# Breeding selection report AT-99-120-71893-2019-K

## Page 2

### Performance of the sisters

Amount of checked sisters: 4

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-99-120-71893-2019	DE-4-305	3	125	31.6	122	4	124	3.8	120	4	117	117	124
AT-99-120-71965-2019	UA-1-5	6	123		130		118		inspection 118		116	114*	124
AT-99-120-71966-2019	UA-1-5	6	121		121		119		118		116	112*	122
AT-99-120-71967-2019	UA-1-5	6	123		129		118		118		116	114*	124

Only one Varroa trait was recorded