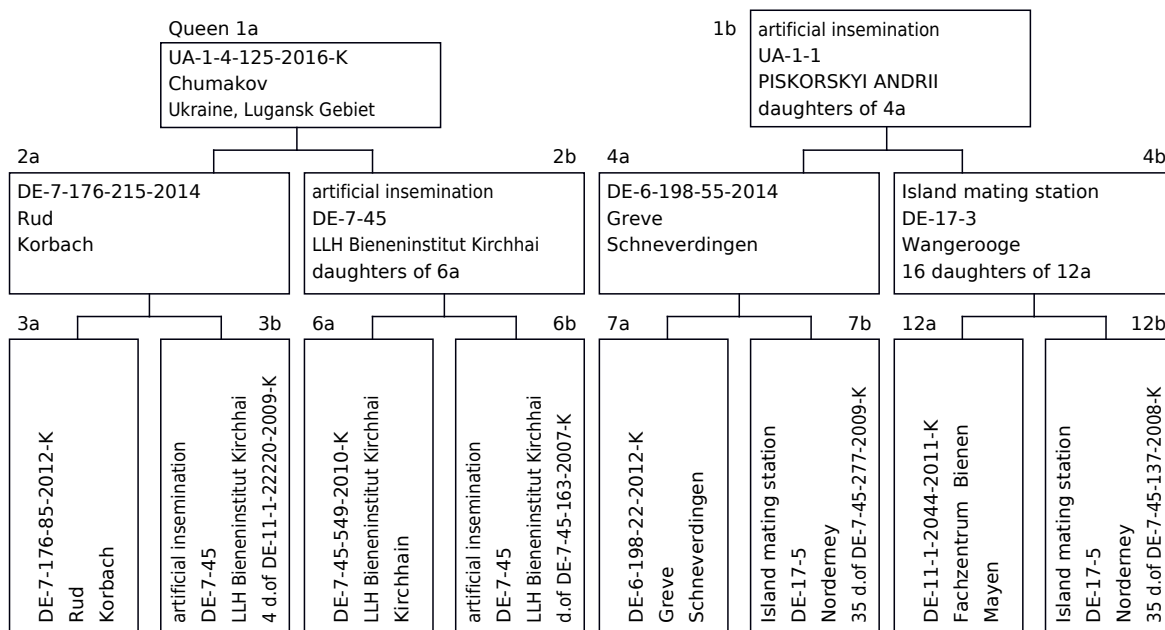


Breeding selection report

UA-1-4-125-2016-K

Tester of the queen:	Grynkov, Dmytro, 02125 Ukraine, Kyiv, UA-1-1, Apiary 3	
Breeder of the queen:	Chumakov, Oleksandr, Ukraine, Lugansk Gebiet, UA-1-4	
1a Studbook number:	UA-1-4-125-2016-K	
Race line:	Sign: white 25	Daughters of Queen: 3.4%
Generation: 1	Hatch date: 11.07.2016	Workers: 4.8%

A. Pedigree



B. Own performance

Performance test year	No. of the colony			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
	44	112.8	2	8	39

	Assessment*	Breeding values					Reliability	
		70%	100%	170%				
Total breeding value¹	-	113						
Honey yield	-	110						0.4
Defensive behavior	4	112						0.6
Steadiness on comb	4	111						0.6
Swarming drive	4	107						0.37
Varroa	-	(107)						0.11
Performance index	-	0						
Robustness in winter								
Development in Spring	4							
Colony strength	3.70							

¹In 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

none Analysis of race characteristics

E. Results

Class A

Suitable for breeding with no restrictions; suitable for use as a 4a colony at frequently visited mating stations (all customary breeding values over 100).

Breeding selection report UA-1-4-125-2016-K

Page 2

Performance of the sisters

Amount of checked sisters: 8

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	Swarming drive	Breeding Value Swarming	Varroa-index	Performance index
UA-1-2-59-2017	UA-1-5	6	104		99							(101)	104
UA-1-4-125-2016-K	UA-1-1	3	113	44	110	4	112	4	111	4	107	(107)	
UA-1-4-110-2016	UA-1-1	4	113	28	101	4	117	4	116	4	107	(107)	
UA-1-4-123-2016	UA-1-1	4	109	32	106	3.7	106	3.8	105	4	105	(107)	
UA-1-4-130-2016	UA-1-2	1	116		118		108		111		109	(110)	
UA-1-4-111-2016	UA-1-3	2	99		90		94		93		101	(107)	
UA-1-4-121-2016	UA-1-3	2	107		105		101		104		105	(107)	
UA-1-4-124-2016	UA-1-3	2	112		109		110		111		106	(107)	