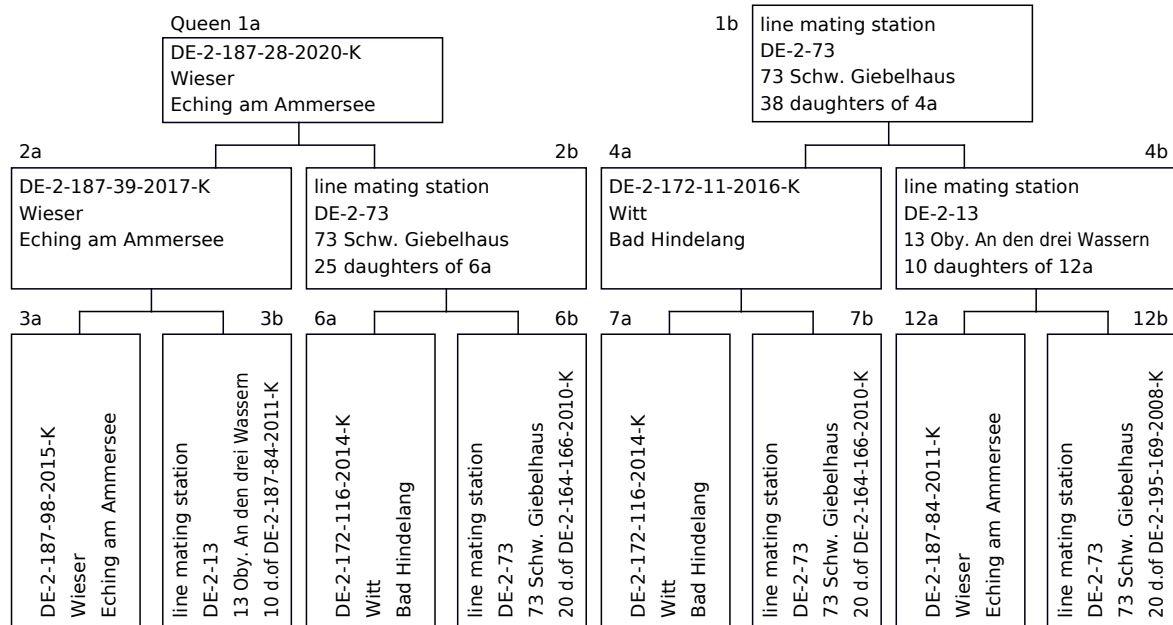


Tester of the queen: Asenbauer, Anton, 94419 Reisbach, DE-2-292, Apiary 1
 Breeder of the queen: Wieser, Martin, 82279 Eching am Ammersee, DE-2-187
1a Studbook number: **DE-2-187-28-2020-K**

Race line: -CA Sign: blue 28 Daughters of Queen: 6.4%
 Generation: 8 Hatch date: 26.05.2020 Workers: 12.1%

A. Pedigree



B. Own performance

Performance test year	No. of the colony			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
	61	100	1	1	61
	Assessment*	Breeding values			Reliability
Total breeding value¹	-	112			
Honey yield	-	109			0.54
Defensive behavior	3.70	105			0.6
Steadiness on comb	3.80	104			0.6
Swarming drive	4	118			0.57
Varroa	-	(109)			0.5
Performance index	-	110			0.54
Robustness in winter			70%	100%	170%
Development in Spring					
Colony strength					

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 DE-2-187-28-2020-K

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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	Swarming drive	Breeding Value Swarming	Varroa-index	Performance index
DE-2-187-30-2020	DE-2-187	1	110		106		105		102		122	(109)	107
DE-2-187-5-2020	DE-2-187	3	113		111		105		102		122	(109)	111
DE-2-187-7-2020	DE-2-187	3	114		109		108		107		123	(109)	113
DE-2-187-9-2020	DE-2-187	3	107		104		102		101		103	(109)	103
DE-2-187-41-2020	DE-2-187	3	113		110		104		103		122	(109)	111
DE-2-187-28-2020-K	DE-2-292	1	112	61	109	3.7	105	3.8	104	4	118	(109)	110
DE-2-187-44-2020-K	DE-2-310	1	115		111		109		108		124	(109)	115
DE-2-187-29-2020	DE-2-371	2	114		108		108		107		117	112	111
DE-2-187-36-2020-K	DE-2-608	1	114		113		106		105		120	110*	113
DE-2-187-43-2020	DE-2-608	1	110		103		105		104		108	111*	106
DE-2-187-52-2020	DE-2-608	1	110		106		105		104		114	107*	108
DE-2-187-107-2019	DE-2-187	1	114		112		104		102		129	109*	114
DE-2-187-118-2019	DE-2-187	1	116		117		105		104		129	109*	116
DE-2-187-211-2019-K	DE-2-187	1	116		113		106		105		129	109*	116
DE-2-187-213-2019-K	DE-2-187	1	116		116		106		104		129	(109)	116
DE-2-187-113-2019	DE-2-187	2	113		105		105		104		125	110*	111
DE-2-187-214-2019	DE-2-187	2	112		106		104		103		119	(109)	109
DE-2-187-218-2019	DE-2-187	2	114		113		105		104		125	(109)	113
DE-2-187-110-2019	DE-2-365	2	113		111		105		104		120	110	111
DE-2-187-53-2019	DE-2-723	1	113		110		105		104		119	109*	111

Only one Varroa trait was recorded