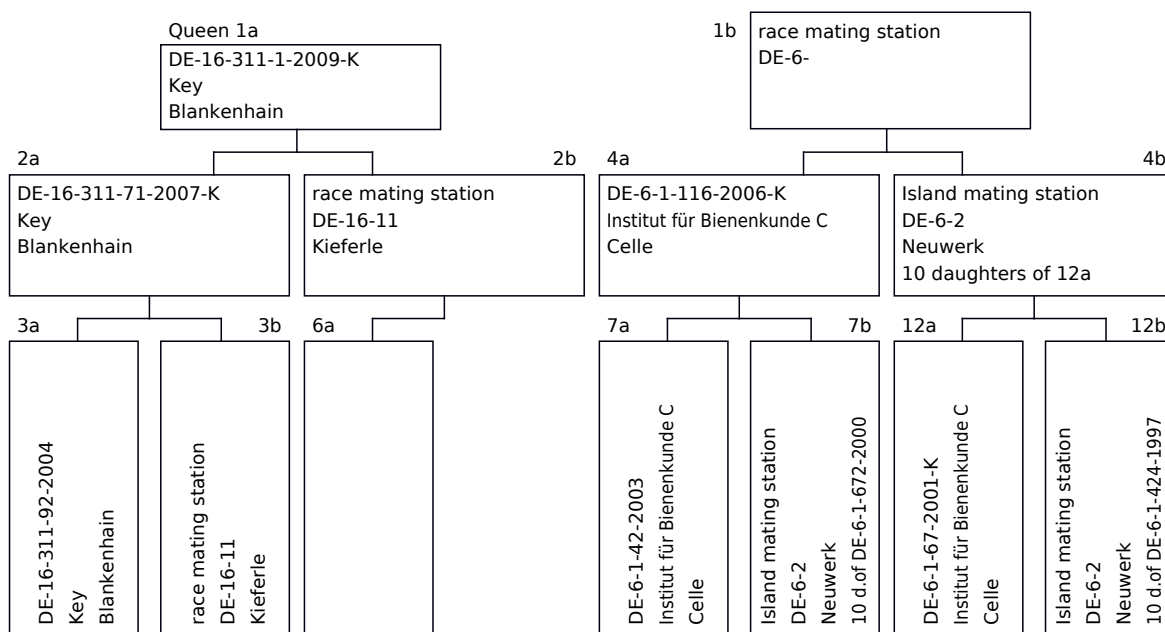


Tester of the queen: Key, Karl, 99444 Blankenhain, DE-16-311, Apiary 1
 Breeder of the queen: Key, Karl, 99444 Blankenhain, DE-16-311
1a Studbook number: **DE-16-311-1-2009-K**

Race line: Sign: green
 Generation: Hatch date: 07.06.2009

Daughters of
 Queen: 0%
 Workers: 0%

A. Pedigree



B. Own performance

| Performance test year | No. of the colony | | | comparable colonies at the apiary | | |
|---|-------------------|-----------------|---------|-----------------------------------|------------------|------|
| | kg | % | Ranking | number | Yield average kg | |
| | 91 | 114.6 | 9 | 1□ | 79.4 | |
| | Assessment* | Breeding values | | | Reliability | |
| Total breeding value¹ | - | 106 | ■ | | | |
| Honey yield | - | 112 | ■ | | | 0.3□ |
| Defensive behavior | 3 | 103 | ■ | | | 0.61 |
| Steadiness on comb | 3.60 | 104 | ■ | | | 0.63 |
| Swarming drive | 4 | 112 | ■ | | | 0.35 |
| Varroa | - | (100) | ■ | | | 0.17 |
| Performance index | - | 0 | ■ | | | |
| Robustness in winter | 4 | | 70% | 100% | 170% | |
| Development in Spring | 3.50 | | | | | |
| Colony strength | 3.60 | | | | | |

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

none

D. Body features, see appendix

See attached characteristic documents:

E. Results

Class B
 Suitable for breeding.