

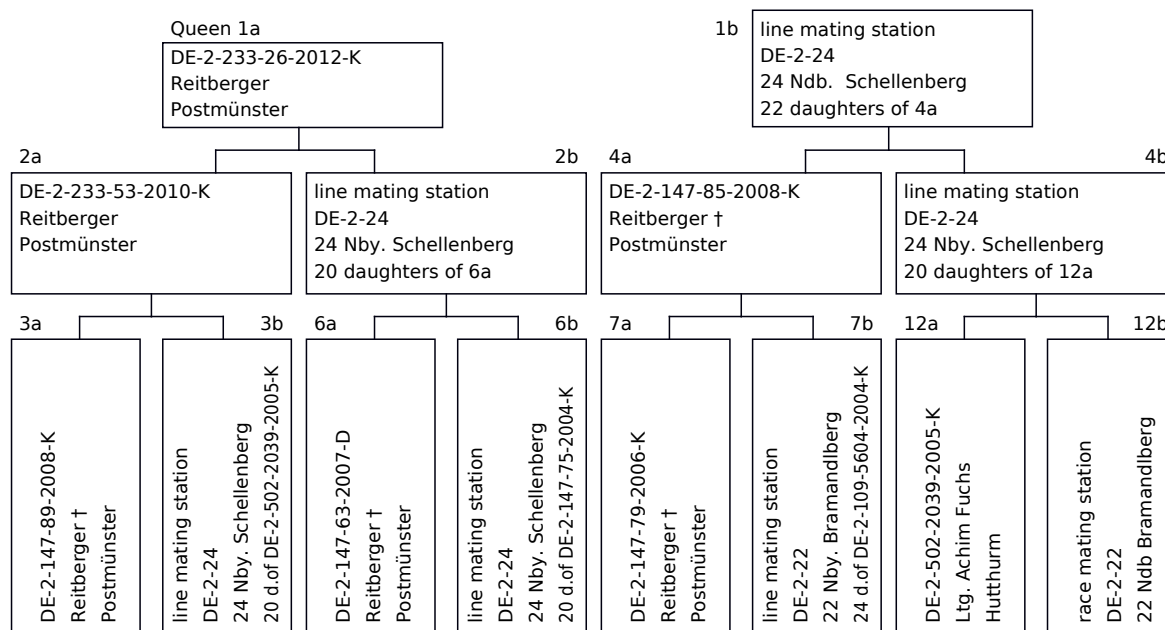
# Breeding selection report

## DE-2-233-26-2012-K

Tester of the queen: Reitberger, Franz Karl, 84389 Postmünster, DE-2-233, Apiary 1  
Breeder of the queen: Reitberger, Franz Karl, 84389 Postmünster, DE-2-233  
**1a** Studbook number: **DE-2-233-26-2012-K**

Race line: Sign: yellow Daughters of Queen: 10.3%  
Generation: Hatch date: Workers: 12%

### A. Pedigree



### B. Own performance

|                                         | No. of the colony |                 |         | comparable colonies at the apiary |                  |
|-----------------------------------------|-------------------|-----------------|---------|-----------------------------------|------------------|
|                                         | kg                | %               | Ranking | number                            | Yield average kg |
| Performance test year                   | 122.8             | 163.4           | 1       | 18                                | 75.1             |
|                                         | Assessment*       | Breeding values |         |                                   |                  |
| <b>Total breeding value<sup>1</sup></b> | -                 | 119             |         |                                   |                  |
| Honey yield                             | -                 | 131             |         |                                   | 0.46             |
| Defensive behavior                      | 3.80              | 113             |         |                                   | 0.65             |
| Steadiness on comb                      | 3.90              | 114             |         |                                   | 0.66             |
| Swarming drive                          | 4                 | 98              |         |                                   | 0.44             |
| Varroa                                  | -                 | (116)           |         |                                   | 0.32             |
| Performance index                       | -                 | 0               |         |                                   |                  |
| Robustness in winter                    |                   |                 |         | 70% 100% 170%                     |                  |
| Development in Spring                   |                   |                 |         |                                   |                  |
| Colony strength                         |                   |                 |         |                                   |                  |

<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 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).

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### Performance of the sisters

Amount of checked sisters: 17

| 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-2-233-23-2012    | DE-2-233            | 1      | 114                  | 84.2     | 112                  | 3.9                | 112                               | 3.9                        | 114                     | 4              | 98                      | (114)        |                   |
| DE-2-233-26-2012-K  | DE-2-233            | 1      | 119                  | 122.8    | 131                  | 3.8                | 113                               | 3.9                        | 114                     | 4              | 98                      | (116)        |                   |
| DE-2-233-47-2012    | DE-2-233            | 1      | 111                  | 111.1    | 122                  | 3.7                | 104                               | 3.7                        | 105                     | 4              | 92                      | (113)        |                   |
| DE-2-233-48-2012    | DE-2-233            | 1      | 106                  | 99.8     | 117                  | 3.4                | 101                               | 3.9                        | 102                     | 4              | 88                      | (108)        |                   |
| DE-2-233-69-2012    | DE-2-233            | 1      | 96                   | 58.3     | 95                   | 3.4                | 95                                | 3.8                        | 96                      | 4              | 81                      | (104)        |                   |
| DE-2-233-90-2012    | DE-2-233            | 1      | 102                  | 67.8     | 100                  | 3.6                | 101                               | 3.8                        | 102                     | 4              | 85                      | (108)        |                   |
| DE-2-233-137-2012   | DE-2-501            | 1      | 101                  |          | (102)                |                    | 101                               |                            | 102                     |                | 77                      | (109)        |                   |
| DE-2-233-113-2012   | DE-2-502            | 2      | 100                  |          | (102)                |                    | (100)                             |                            | (101)                   |                | 76                      | (108)        |                   |
| DE-2-233-115-2012   | DE-2-502            | 2      | 100                  |          | (102)                |                    | (100)                             |                            | (101)                   |                | 76                      | (108)        |                   |
| DE-2-233-126-2012   | DE-2-502            | 2      | 100                  |          | 107                  |                    | 102                               |                            | 104                     |                | 97                      | 97           |                   |
| DE-2-233-127-2012   | DE-2-502            | 2      | 100                  |          | (102)                |                    | (100)                             |                            | (101)                   |                | 76                      | (108)        |                   |
| DE-2-233-128-2012   | DE-2-502            | 2      | 106                  |          | 110                  |                    | 100                               |                            | 101                     |                | 91                      | 111          |                   |
| DE-2-233-112-2012-K | DE-2-503            | 3      | 103                  |          | 98                   |                    | 105                               |                            | 105                     |                | 82                      | 110          |                   |
| DE-2-233-114-2012   | DE-2-503            | 3      | 85                   |          | 94                   |                    | 91                                |                            | 93                      |                | 73                      | 90           |                   |
| DE-2-233-121-2012-K | DE-2-503            | 3      | 110                  |          | 105                  |                    | 105                               |                            | 105                     |                | 94                      | 115          |                   |
| DE-2-233-124-2012-K | DE-2-503            | 3      | 115                  |          | 111                  |                    | 105                               |                            | 105                     |                | 78                      | 129          |                   |
| DE-2-233-125-2012   | DE-2-503            | 3      | 106                  |          | 102                  |                    | 105                               |                            | 105                     |                | 94                      | (109)        |                   |