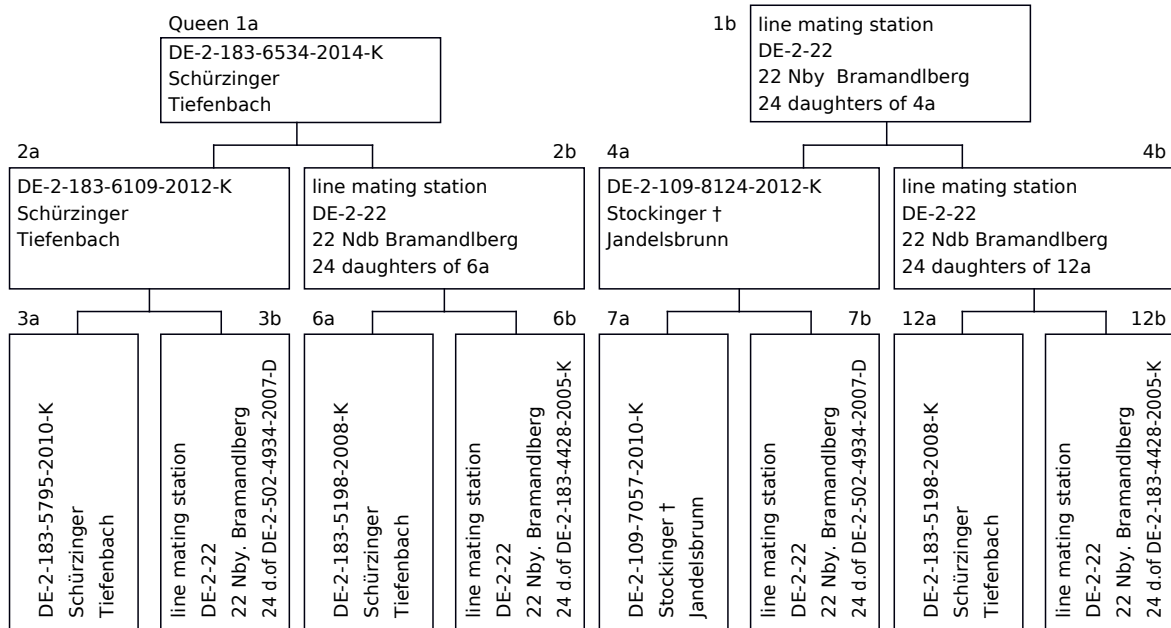


Tester of the queen: Schürzinger, Fritz, 94113 Tiefenbach, DE-2-183, Apiary 2  
 Breeder of the queen: Schürzinger, Fritz, 94113 Tiefenbach, DE-2-183  
**1a** Studbook number: **DE-2-183-6534-2014-K**

Race line: -71 Sign: green Daughters of Queen: 8.1%  
 Generation: 3 Hatch date: 30.05.2014 Workers: 15.0%

### A. Pedigree



### B. Own performance

Performance test year	No. of the colony 1			comparable colonies at the apiary		
	kg	%	Ranking	number	Yield average kg	
	80	120	5	23	66.7	
	Assessment*	Breeding values			Reliability	
<b>Total breeding value<sup>1</sup></b>	-	94	■			
Honey yield	-	94	■			0.69
Defensive behavior	4	101	■			0.77
Steadiness on comb	4	100	■			0.76
Swarming drive	4	80	■			0.75
Varroa	-	(94)	■			0.68
Performance index	-	93	■			0.69
Robustness in winter	4		70%	100%	170%	
Development in Spring	4					
Colony strength	4					

<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

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-2-183-6534-2014-K

## Page 2

### Performance of the sisters

Amount of checked sisters: 66

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 during inspection	Swarming drive	Breeding Value Swarming	Varroa-index	Performance index
DE-2-183-6681-2015	DE-2-183	1	92	13	97	3.5	97	3.5	97	4	81	(92)	92
DE-2-183-6682-2015	DE-2-183	1	90	17	100	3	91	3	91	4	78	(92)	88
DE-2-183-6741-2015-K	DE-2-183	1	95	15	100	4	104	4	103	4	81	(92)	96
DE-2-183-6742-2015	DE-2-183	1	95	19	103	4	103	4	103	4	81	(92)	97
DE-2-183-6743-2015	DE-2-183	1	95	17	101	4	103	4	103	4	81	(92)	97
DE-2-183-6801-2015	DE-2-183	1	92	16	100	3.5	97	3.5	97	4	80	(92)	92
DE-2-183-6802-2015	DE-2-183	1	95	19	103	4	103	4	103	4	81	(92)	97
DE-2-183-6803-2015	DE-2-183	1	93	13	97	4	102	3.5	99	4	80	(92)	94
DE-2-183-6804-2015	DE-2-183	1	90	12	96	3.5	96	3	93	4	79	(92)	89
DE-2-183-6805-2015-K	DE-2-183	1	95	18	102	4	103	4	103	4	81	(92)	97
DE-2-183-6806-2015	DE-2-183	1	91	16	99	3.5	95	3	93	4	79	(92)	90
DE-2-183-6808-2015	DE-2-183	1	92	11	96	3.5	98	3.5	97	4	80	(92)	91
DE-2-183-6809-2015	DE-2-183	1	93	12	96	4	102	3.5	99	4	80	(92)	93
DE-2-183-6810-2015	DE-2-183	1	90	8	92	3.5	98	3.5	97	3	74	(92)	88
DE-2-183-6668-2015	DE-2-183	2	93	9	95	4	101	3.5	99	4	80	(92)	93
DE-2-183-6744-2015	DE-2-183	2	92	13	98	3.5	97	3.5	97	4	80	(92)	92
DE-2-183-6745-2015	DE-2-183	2	93	17	101	4	101	3.5	99	4	80	(92)	94
DE-2-183-6746-2015	DE-2-183	2	90	13	97	3.5	95	3	93	4	79	(92)	89
DE-2-183-6747-2015-K	DE-2-183	2	95	20	104	4	103	4	103	4	81	(92)	97
DE-2-183-6798-2015	DE-2-183	2	95	13	99	4	103	4	103	4	81	(92)	96
DE-2-183-6799-2015	DE-2-183	2	91	16	99	3.5	96	3.5	96	3	74	(92)	90
DE-2-183-6800-2015	DE-2-183	2	95	19.5	103	4	103	4	103	4	81	(92)	97
DE-2-183-6811-2015	DE-2-183	2	92	12	97	3.5	97	3.5	97	4	80	(92)	92
DE-2-183-6812-2015	DE-2-183	2	88	7	91	3.5	95	3	93	3	73	(92)	86
DE-2-183-6813-2015	DE-2-183	2	93	14	99	4	101	3.5	99	4	80	(92)	94
DE-2-183-6814-2015	DE-2-183	2	94	18	102	4	101	3.5	98	4	80	(92)	94
DE-2-183-6815-2015	DE-2-183	2	92	11	97	3.5	97	3.5	97	4	80	(92)	92
DE-2-183-6816-2015	DE-2-183	2	95	17	101	4	103	4	103	4	81	(92)	97
DE-2-183-6672-2015-K	DE-2-612	1	94		(103)		101		101		75	(93)	94
DE-2-183-6516-2014	DE-2-183	1	92	59	96	4	100	3.5	98	3.5	76	(92)	91
DE-2-183-6517-2014	DE-2-183	1	88	44	90	3	91	3	91	4	77	(92)	85
DE-2-183-6518-2014	DE-2-183	1	91	62	98	3.5	97	3.5	96	4	79	(92)	91
DE-2-183-6519-2014	DE-2-183	1	92	60	97	4	101	3.5	98	4	79	(92)	93
DE-2-183-6520-2014	DE-2-183	1	90	56	95	3.5	95	3	92	4	78	(92)	88
DE-2-183-6521-2014	DE-2-183	1	95	70	102	4	102	4	102	4	80	(92)	96
DE-2-183-6522-2014	DE-2-183	1	94	67	100	4	103	4	103	4	80	(92)	96
DE-2-183-6527-2014	DE-2-183	1	89	50	93	3.5	95	3	92	4	78	(92)	88
DE-2-183-6528-2014	DE-2-183	1	92	67	100	3.5	96	3.5	96	4	79	(92)	92
DE-2-183-6529-2014	DE-2-183	1	93	63	98	4	101	3.5	98	4	79	(92)	93
DE-2-183-6530-2014	DE-2-183	1	94	60	98	4	103	4	103	4	80	(92)	95
DE-2-183-6531-2014	DE-2-183	1	95	74	103	4	102	4	102	4	80	(92)	96
DE-2-183-6532-2014	DE-2-183	1	88	56	95	3	91	3	90	4	77	(92)	87
DE-2-183-6533-2014	DE-2-183	1	93	67	100	4	100	3.5	98	4	79	(92)	93
DE-2-183-6538-2014	DE-2-183	1	90	67	99	3.5	94	3	92	4	78	(92)	89
DE-2-183-6562-2014	DE-2-183	1	92	55	95	4	101	3.5	99	4	79	(92)	92
DE-2-183-6563-2014	DE-2-183	1	93	68	100	4	100	3.5	98	4	79	(92)	93
DE-2-183-6564-2014	DE-2-183	1	93	69	100	4	102	4	102	3	74	(92)	93
DE-2-183-6566-2014	DE-2-183	1	91	61	98	3.5	97	3.5	97	4	79	(92)	91
DE-2-183-6578-2014	DE-2-183	1	92	63	98	3.5	97	3.5	96	4	79	(92)	91
DE-2-183-6454-2014-K	DE-2-183	2	95	87	103	4	103	4	103	4	80	(92)	97
DE-2-183-6523-2014	DE-2-183	2	90	68	97	3.5	97	3.5	97	3	73	(92)	89
DE-2-183-6525-2014	DE-2-183	2	93	70	99	4	101	3.5	99	4	79	(92)	94

DE-2-183-6526-2014	DE-2-183	2	92	61	97	3.5	97	3.5	97	4	79	(92)	91
DE-2-183-6534-2014-K	DE-2-183	2	94	80	94	4	101	4	100	4	80	(94)	93
DE-2-183-6539-2014-K	DE-2-183	2	95	88	103	4	103	4	103	4	80	(92)	97
DE-2-183-6541-2014	DE-2-183	2	93	64	97	4	101	3.5	99	4	79	(92)	93
DE-2-183-6567-2014	DE-2-183	2	90	59	96	3.5	95	3	93	4	78	(92)	89
DE-2-183-6569-2014	DE-2-183	2	90	60	96	3.5	95	3	93	4	78	(92)	89
DE-2-183-6570-2014	DE-2-183	2	90	59	96	3.5	95	3	93	4	78	(92)	89
DE-2-183-6571-2014	DE-2-183	2	93	69	98	4	101	3.5	99	4	79	(92)	94
DE-2-183-6573-2014	DE-2-183	2	87	54	94	3	91	3	91	3	72	(92)	85
DE-2-183-6575-2014	DE-2-183	2	90	55	95	3.5	95	3	93	4	78	(92)	89
DE-2-183-6576-2014	DE-2-183	2	93	67	98	4	101	3.5	99	4	79	(92)	93
DE-2-183-6579-2014	DE-2-183	2	93	67	98	4	101	3.5	99	4	79	(92)	93
DE-2-183-6535-2014	DE-2-183	6	92	58	98	3.5	98	3.5	97	4	78	(92)	92
DE-2-183-6455-2014-K	DE-2-612	1	93		(98)		102		101		78	(92)	94