

Table S4 – Results in details obtained from the examination of the powdered sugar samples by microbiological and molecular methods from all apiaries. Samples of the same apiary are depicted in the same color. The ERIC genotype of the strains isolated from the samples are reported in the legend below.

N	CFU /1g	Spore /1g	N	CFU /1g	Spore /1g	N	CFU /1g	Spore /1g	N	CFU /1g	Spore /1g	N	CFU /1g	Spore /1g
Group A (sub-group A1)														
1	304.000	580.000	2	200.000	1.336.000	3	4.440.000	6.800.000	4	54.200	254.100	5	52.800	384.200
6	44.000	743.300	7	3.000.000	10.300.000	8	128.000	2.005.400	9	750.000	5.575.000	10	560.000	23.700.000
11	400.000	987.400	12	11.200.000	659.300.000	13	28.000.000	130.200.000	14	600.000	5.570.000	15	380.000	2.200.000
Group A (sub-group A2)														
1	40	neg	10	<20	200	19	20	130	28	17.980	28.700	37	200	621
2	20	neg	11	20	24	20	80	500	29	192	800	38	250	13.400
3	320	33.100	12	20	neg	21	460	1.800	30	560	200	39	28	164
4	20	65	13	<20	neg	22	80	75	31	40	160	40	680	3.032
5	400	3.400	14	40	255	23	100	235	32	562	2.755	41	75	833
6	2.600	68.400	15	<20	200	24	< 20	neg	33	38	716	42	700	10.600
7	<20	neg	16	<20	neg	25	220	100	34	63	2.606	43	< 20	750
8	<20	194	17	<20	50	26	2.700	4.100	35	268	6.402	44	180	2.220
9	<20	neg	18	60	130	27	2.420	770	36	< 20	620	45	6.220	15.500
Group B														
1	120	40	10	< 20	neg	19	< 20	neg	28	< 20	30	37	< 20	neg
2	< 20	120	11	< 20	neg	20	< 20	neg	29	< 20	500	38	< 20	neg
3	40	neg	12	< 20	61	21	< 20	340	30	< 20	neg	39	< 20	neg
4	20	250	13	< 20	neg	22	40	104	31	< 20	140	40	< 20	neg
5	< 20	35	14	< 20	neg	23	< 20	neg	32	< 20	neg	41	< 20	neg
6	< 20	450	15	< 20	neg	24	80	neg	33	< 20	neg	42	< 20	neg
7	< 20	20	16	140	41	25	20	neg	34	< 20	neg	43	< 20	neg
8	< 20	90	17	< 20	neg	26	< 20	40	35	80	900	44	< 20	neg
9	< 20	270	18	< 20	neg	27	< 20	neg	36	< 20	neg	45	< 20	neg

Legend to Table S4

APIARIS	GROUP	Number of samples per group / sub-group	Genotype
I	A	1 (A1); 13 (A2)	ERIC I
II	A	1 (A1); 2 (A2)	ERIC II
III	A	1 (A1); 16 (A2)	ERIC II
IV	A	5 (A1); 11 (A2)	ERIC II
V	A	6 (A1); 2 (A2)	ERIC II
VI	A	1 (A1); 1 (A2)	ERIC II
VII	B	10 (B)	ERIC II
VIII	B	15 (B)	ERIC I
IX	B	10 (B)	ERIC I
X	B	10 (B)	