

Supplementary Materials:

Table S1. Number of bees in each GRS class of each subspecies.

GRS Class	<i>carnica</i>	<i>iberiensis</i>	<i>mellifera</i>	<i>ruttneri</i>	<i>macedonica</i>	<i>ligustica</i>	Total
1	3	5	5	2	4	0	19
2	4	5	7	2	3	2	23
3	6	6	3	6	1	0	22
4	3	0	2	4	0	0	9
5	2	4	3	6	3	1	19
6	8	4	14	3	4	5	38
7	60	32	37	51	30	10	220
total	86	56	71	74	45	18	350

Table S2. Comparison of acquisition scores. Test statistics for Kruskal Wallis H tests (KW) and *p* values corrected for multiple comparisons are given.

	<i>carnica</i>	<i>iberiensis</i>	<i>mellifera</i>	<i>ruttneri</i>	<i>macedonica</i>	<i>ligustica</i>
<i>carnica</i>	*****	KW = 3.74 <i>p</i> = 0.003	KW = 2.19 <i>p</i> = 0.43	KW = 0.21 <i>p</i> = 1.00	KW = 0.39 <i>p</i> = 1.00	KW = 0.24 <i>p</i> = 1.00
<i>iberiensis</i>	*****	*****	KW = 1.63 <i>p</i> = 1.00	KW = 3.44 <i>p</i> = 0.009	KW = 2.86 <i>p</i> = 0.49	KW = 2.14 <i>p</i> = 0.49
<i>mellifera</i>	*****	*****	*****	KW = 1.91 <i>p</i> = 0.85	KW = 1.47 <i>p</i> = 1.00	KW = 1.09 <i>p</i> = 1.00
<i>ruttneri</i>	*****	*****	*****	*****	KW = 0.20 <i>p</i> = 1.00	KW = 0.11 <i>p</i> = 1.00
<i>macedonica</i>	*****	*****	*****	*****	*****	KW = 0.03 <i>p</i> = 1.00
<i>ligustica</i>	*****	*****	*****	*****	*****	*****

Table S3. Comparison of acquisition curves. Test statistics for Sidak post hoc tests are given.

	<i>carnica</i>	<i>iberiensis</i>	<i>mellifera</i>	<i>ruttneri</i>	<i>macedonica</i>	<i>ligustica</i>
<i>carnica</i>	*****	<i>p</i> = 0.003	<i>p</i> = 0.29	<i>p</i> = 1.00	<i>p</i> = 1.00	<i>p</i> = 1.00
<i>iberiensis</i>	*****	*****	<i>p</i> = 0.95	<i>p</i> = 0.005	<i>p</i> = 0.13	<i>p</i> = 0.13
<i>mellifera</i>	*****	*****	*****	<i>p</i> = 0.35	<i>p</i> = 1.00	<i>p</i> = 0.84
<i>ruttneri</i>	*****	*****	*****	*****	<i>p</i> = 1.00	<i>p</i> = 1.00
<i>macedonica</i>	*****	*****	*****	*****	*****	<i>p</i> = 1.00
<i>ligustica</i>	*****	*****	*****	*****	*****	*****