

Table S1 Samples sequenced from undigested DNA for outlier loci *mk75*, *mk209* and *mk245* using outlier-specific internal primers. AFLP band score and sequence haplotypes from each sample are indicated. Dominant haplotypes from European ocellated lizards are highlighted in bold. Haplotype numbers are the same as in Figures S2-S4.

Sample	Taxa	Country	Location /population	<i>mk75</i>		<i>mk209</i>		<i>mk245</i>	
				AFLP score	Haplotype	AFLP score	Haplotype	AFLP score	Haplotype
LLI1	<i>Lacerta lepida iberica</i>	Spain	Galicia	1	H1	0	H6	0	H8
LLI2	<i>Lacerta lepida iberica</i>	Spain	Galicia	1	H1	0	H6	0	H8
LLI3	<i>Lacerta lepida iberica</i>	Spain	Galicia	0	H2	0	H3 and H6	0	H8
LLI4	<i>Lacerta lepida iberica</i>	Portugal	Gerês	0	H3				
LLI5	<i>Lacerta lepida iberica</i>	Portugal	Gerês	1	H1	0	H5	0	H8
LLI6	<i>Lacerta lepida iberica</i>	Portugal	Gerês	1	H1	0	H6	0	H8
LLI7	<i>Lacerta lepida iberica</i>	Portugal	Gerês	0	H3				
LLI8	<i>Lacerta lepida iberica</i>	Portugal	Gerês	1	H1 and H3	0	H7	0	H8
LLI9	<i>Lacerta lepida iberica</i>	Portugal	Gerês	1	H1 and H2				
LLL1	<i>Lacerta lepida lepida</i>	Portugal	Serra da Estrela			0	H6 and H7	0	H3 and H5
LLL2	<i>Lacerta lepida lepida</i>	Portugal	Serra da Estrela	1	H1 and H4				
LLL3	<i>Lacerta lepida lepida</i>	Portugal	Serra da Estrela			1	H6		
LLL4	<i>Lacerta lepida lepida</i>	Spain	Béjar	1	H1 and H2				
LLL5	<i>Lacerta lepida lepida</i>	Spain	Béjar	0	H2 and H9	0	H6	0	H8
LLL6	<i>Lacerta lepida lepida</i>	Portugal	Peniche			1	H5 and H6		
LLL7	<i>Lacerta lepida lepida</i>	Portugal	Alentejo	1	H1 and H3				
LLL8	<i>Lacerta lepida lepida</i>	Portugal	Castro Marim	1	H1 and H8				
LLL9	<i>Lacerta lepida lepida</i>	Portugal	Castro Marim	0	H3 and H4	0	H6	0	H3 and H4
LLL10	<i>Lacerta lepida lepida</i>	Portugal	Castro Marim	0	H3 and H8	0	H6	1	H1 nd H5
LLL11	<i>Lacerta lepida lepida</i>	Portugal	Castro Marim			1	H5 and H6		
LLL12	<i>Lacerta lepida lepida</i>	Spain	Toledo	0	H3	0	H5 and H6	1	H1
LLL13	<i>Lacerta lepida lepida</i>	Spain	Toledo	0	H3 and H4	0	H5 and H6	1	H1 nd H5

Table S1 (continued)

Sample	Taxa	Country	Location /population	<i>mk75</i>		<i>mk209</i>		<i>mk245</i>	
				AFLP score	Haplotype	AFLP score	Haplotype	AFLP score	Haplotype
LLL14	<i>Lacerta lepida lepida</i>	Spain	Andalucia	1	H1 and H3				
LLL15	<i>Lacerta lepida lepida</i>	Spain	Andalucia	0	H2 and H7	0	H4 and H5	1	H2 and H8
LLL16	<i>Lacerta lepida lepida</i>	Spain	Andalucia	0	H4	0	H5 and H6	1	H1 and H3
LLN1	<i>Lacerta lepida nevadensis</i>	Spain	Almería	0	H4 and H5	1	H2	0	H7 and H8
LLN2	<i>Lacerta lepida nevadensis</i>	Spain	Almería	0	H3 and H4	1	H1 and H2	0	H8
LLN3	<i>Lacerta lepida nevadensis</i>	Spain	Almería	0	H5 and H6	1	H2	0	H6 and H7
LLN4	<i>Lacerta lepida nevadensis</i>	Spain	Almería	0	H4 and H5	1	H1	0	H8 and H9
LLN5	<i>Lacerta lepida nevadensis</i>	Spain	Almería	0	H5 and H6	1	H1 and H2	0	H8
LLN6	<i>Lacerta lepida nevadensis</i>	Spain	Almería	0	H3 and H6	1	H1	0	H8
LT1	<i>Lacerta tangitana</i>	Morocco	Chefchaouen	n.a.	H10	n.a.	H8	n.a.	H2 and H12
LT2	<i>Lacerta tangitana</i>	Morocco	Azrou	n.a.	H1 and H3	n.a.	H9	n.a.	H8
LT3	<i>Lacerta tangitana</i>	Morocco	Azrou	n.a.	H10	n.a.	H10 and H11	n.a.	H10 and H12
LT4	<i>Lacerta tangitana</i>	Morocco	Azrou	n.a.	H10	n.a.	H10	n.a.	
LT5	<i>Lacerta tangitana</i>	Morocco	Azrou	n.a.	H10	n.a.	H12 and H13	n.a.	
LT6	<i>Lacerta tangitana</i>	Morocco	Azrou	n.a.	H10	n.a.	H14 and H15	n.a.	H2 and H13
LT7	<i>Lacerta tangitana</i>	Morocco	Azrou	n.a.	H10	n.a.	H15 and H16	n.a.	
LP1	<i>Lacerta pater</i>	Tunisia	Tabarka	0	H11	0	H17	0	H17 and H18
LP2	<i>Lacerta pater</i>	Tunisia	Tabarka	0	H10	0	H18	0	H16 and H18
LP3	<i>Lacerta pater</i>	Tunisia	Tabarka	0	H10	0	H18	1	H15 and H16
	<i>Iberolacerta monticola</i>	Portugal		n.a.	H12	n.a.	H19	n.a.	H20
	<i>Lacerta schreiberi</i>	Portugal		n.a.	H13			n.a.	H19
	<i>Lacerta agilis</i>	Spain		n.a.	H14			n.a.	H21