

# Hybrid zone genomics supports candidate species in Iberian *Alytes*

## *obstetricans*

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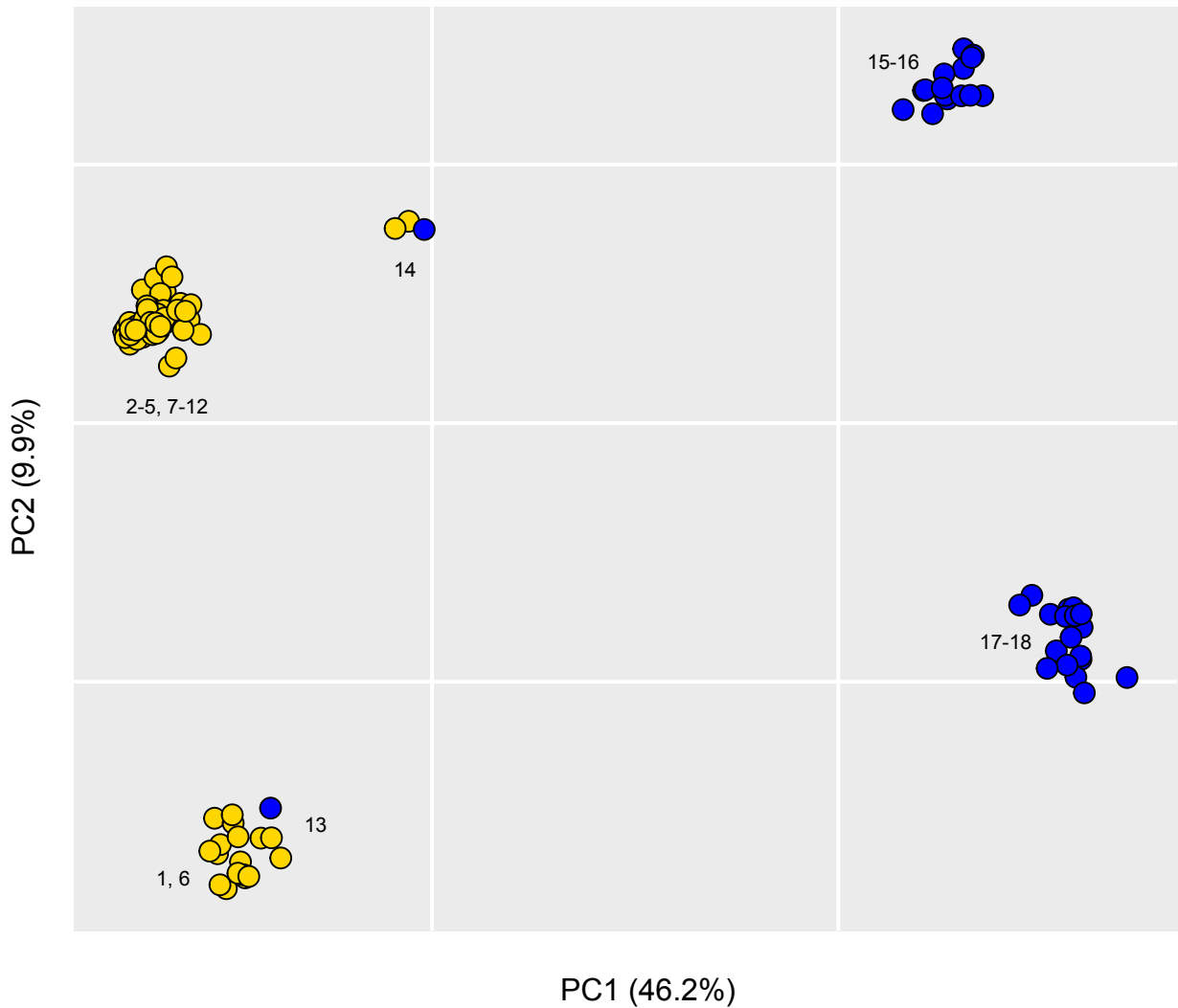
2 - Museo Nacional de Ciencias Naturales (MNCN-CSIC), c/ José Gutiérrez Abascal, 2, 28006 Madrid, Spain

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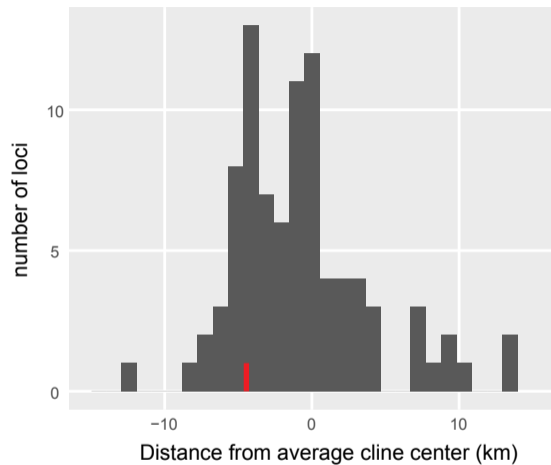
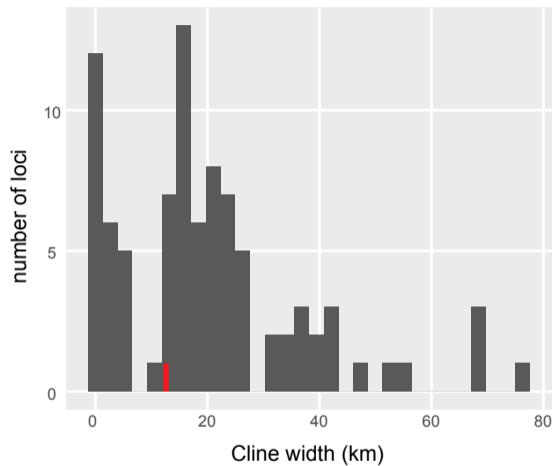
### **Supplementary material**

**Table S1.** Details on the localities included in this study. Mitochondrial lineages F and A correspond to the *Alytes* taxa *almogavarii* and *pertinax*, respectively. Lat.: latitude; long.: longitude; *n*: sample size.

ID	Locality	Lat.	Long.	<i>n</i>	mtDNA	nuclear
1	Barcelona, Sant Miquel del Fai	41.7163	2.1927	4	F (4)	<i>almogavarii</i>
2	Barcelona, Mura	41.6956	1.9855	5	F (5)	<i>almogavarii</i>
3	Barcelona, Sant Llorenç del Munt	41.6507	1.9821	5	F (5)	<i>almogavarii</i>
4	Barcelona, Castellbisbal	41.4943	1.9385	3	F (3)	<i>almogavarii</i>
5	Barcelona, Garraf	41.2736	1.8370	10	F (10)	<i>almogavarii</i>
6	Barcelona, Piera	41.5106	1.7371	8	F (8)	<i>almogavarii</i>
7	Barcelona, Mediona	41.4730	1.6390	6	F (6)	<i>almogavarii</i>
8	Barcelona, San Joan de Mediona	41.4618	1.5902	4	F (4)	<i>almogavarii</i>
9	Barcelona, Pontons	41.4215	1.5159	6	F (6)	<i>almogavarii</i>
10	Tarragona, St Magi de Brufaganya	41.4851	1.4400	3	F (3)	<i>almogavarii</i>
11	Tarragona, Vilaperdius	41.4792	1.4086	3	F (3)	<i>almogavarii</i>
12	Tarragona, Pontils	41.4811	1.3748	10	F (10)	<i>almogavarii</i>
13	Tarragona, El Pont d'Armentera	41.3869	1.3595	8	F (6), A (2)	<i>almogavarii</i>
14	Tarragona, Figuerola del Camp	41.3752	1.2626	3	F (2), A (1)	hybrids
15	Tarragona, Prades	41.3283	1.0029	7	A (7)	<i>pertinax</i>
16	Tarragona, La Mussara	41.2522	1.0280	8	A (8)	<i>pertinax</i>
17	Tarragona, Riudoms	41.1481	1.0429	9	A (9)	<i>pertinax</i>
18	Tarragona, El Perelló	40.8580	0.6698	9	A (9)	<i>pertinax</i>



**Figure S1.** PCA on individual RAD allele frequencies. Colors indicate mito-chondrial lineage; blue: *A. pertinax*, yellow: *F. algomavarii*. Numbers indicate localities ID.



**Figure S2.** Distribution of cline width (left) and center (right) among the 89 species-diagnostic SNPs (grey bars) and mtDNA (red bars).