

Table S1. Edaphic characteristics of the fields in the area of Castellfollit del Boix, estimated from samples obtained at 8 representative sites where the bean landrace is cultivated.

	Mean (\pm SE)	Max	Min
pH	8.2 \pm 0.1	8.4	8
Moisture (%)	1.2 \pm 0.1	1.3	1
Calcium carbonate equivalent (% dm ¹)	31 \pm 1	35	27
Electrical conductivity (dS/m)	0.2 \pm 0.0	0.23	0.16
Cation exchange capacity (cmolc/kg dm)	9.5 \pm 0.9	12.5	7.1
Organic matter (% dm)	2.4 \pm 0.3	3.27	1.49
Ca (mg/kg dm)	6202 \pm 77	6442	5897
Mg (mg/kg dm)	333 \pm 38	453	190
Na (mg/kg dm)	26 \pm 2	31	20
K (mg/kg dm)	309 \pm 40	438	144
N-nitric (mg/kg dm)	19 \pm 3	30	11
P (mg/kg dm)	86 \pm 18	130	12
Coarse silt (0.02 < D ² < 0.05mm) (%)	14.4 \pm 0.7	16.6	11.9
Fine coarse (0.002 < D < 0.02mm)(%)	24.2 \pm 1.2	28.6	20.4
Clay (D < 0.002 mm) (%)	16.8 \pm 0.6	18.8	14.8
Total sand (0.05 < D < 2mm) (%)	44.6 \pm 1.7	51.2	39

¹dm: dry matter; ²D: diameter.

Table S2. Detail of the calculation of the indexes appearing in Table 10.

Items		Definition
1	Controlled multiplication of germplasm	Degree of multiplication of germplasm done in an isolated and controlled way, with conservative selection
2	Morphological characterization	Degree of characterization of the morphological variability found in the landrace
3	Agronomic characterization	Degree of characterization of the agronomic variability found in the landrace
4	Sensory characterization	Degree of characterization of the sensory variability found in the landrace
5	Chemical characterization	Degree of characterization of the chemical variability found in the landrace
6	Genetic characterization	Degree of characterization of the genetic variability found in the landrace
7	Characterization of environmental effects	Degree of characterization of the effects of the environment on the variability found in the landrace
8	Edaphic description	Degree of characterization of the soils in the territory where the landrace has traditionally been cultivated
9	Climatic description	Degree of characterization of the climate in the territory where the landrace has traditionally been cultivated
10	Historical/cultural documentation	Degree of historical/cultural characterization of the uses of the landrace
11	Documentation of traditional cultivation methods	Degree of knowledge and documentation of the traditional methods of cultivating the landrace
12	Bringing management technologies up to date	Degree of exploration of new farming technologies and mechanization tried and/or incorporated into cultivation of the landrace
13	Associations among farmers	Degree of association among farmers for the purpose of exploiting and commercializing the landrace
14	European Union geographical quality label	State of the process toward obtaining a European quality label
15	External quality control	Degree of external quality control of the product's sensory traits
16	Farmers' preferences	Degree of formulation of farmers' preferences
17	Consumers' preferences	Degree of formulation of consumers' preferences
18	Use in restaurants	Degree of use of the product in restaurants (mainly in the area of cultivation)
19	Use in transformed products	Degree of transformation of the product (canning, etc.)
20	Collective promotion in events	Degree of promotion of the product at fairs and events