

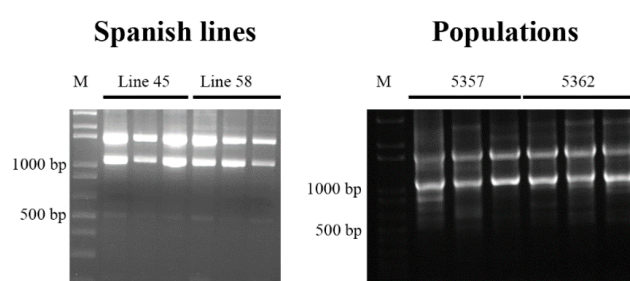
Supplementary Materials: Genetic Diversity Assessment of Portuguese Cultivated *Vicia faba* L. through IRAP Markers

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IRAP Marker	Number (%) of Polymorphic Bands	Total Number of Bands
<i>Nikita</i>	6 (50%)	12
<i>Tat-1</i>	9(64.29%)	14
<i>Athila</i>	15(83.33%)	18

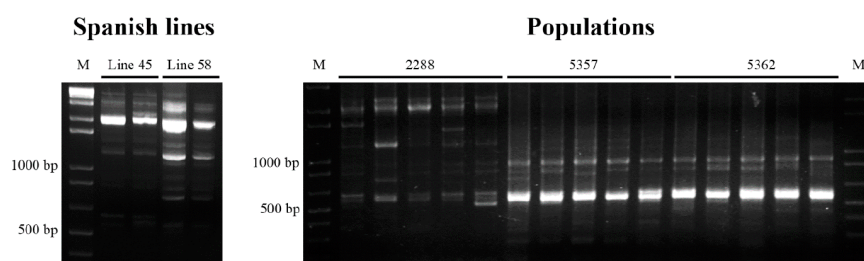
(a)

IRAP Nikita



(b)

IRAP Tat-1



(c)

Figure S1. *V. faba* IRAP analysis targeting different retrotransposons. (a) Frequency of polymorphic bands obtained with distinct IRAP markers. *V. faba* IRAP banding profiles obtained with: (b) *Nikita* retrotransposon LTR primer for inbred Lines “Jaulon 45” and “Jaulon 58”, “Fava Do Algarve (5357)” and “Fava da Terra (5362)”; and (c) *Tat-1* retrotransposon LTR primer for inbred Lines “Jaulon 45” and “Jaulon 58”, “Fava Miúda (2288)”, “Fava Do Algarve (5357)” and “Fava da Terra (5362)”.

Table S1. Values of the seeds morphological characteristics used to characterize faba bean accessions.

Variables	Minimum	Maximum	Mean	Std Deviation
Nº seed/pod	1.670	3.350	2.658	0.594
Weight (g)	77.560	171.400	116.475	40.074
Length (mm)	14.920	25.250	19.408	4.433
Width (mm)	11.800	17.300	13.945	2.341
Thickness (mm)	5.560	7.120	6.205	0.595