

Markers developed and /or characterized in LEGATO

species	genotype	trait	Marker designation	Marker type	Source to be contacted for availability	Remarks (eg., used for MAS)
Pisum sativum	Caméor	Drought tolerance candidate gene	<i>RMS1</i>	SNP	INRA (V. Vernoud)	
Pisum sativum	Attika	Drought tolerance	TP78343, TP13485, TP6268, TP68525	SNP	CREA (P. Annicchiarico)	MAS
Pisum sativum	Isard	Drought tolerance	TP94476	SNP	CREA(P. Annicchiarico)	MAS
Pisum sativum	Kaspa	Drought tolerance	TP51372, TP63677, TP6885	SNP	CREA(P. Annicchiarico)	MAS
Pisum	Pisum fulvum x sativum cv. Terno BC3F4		49,085 markers	SNP	UPOL (P. Smykal)	1880 mapped on pea genome w r t Medicago synteny
Pisum	Pisum fulvum x sativum cv. Terno BC3F4		56,323 markers	PAV	UPOL (P. Smykal)	
Pisum sativum		PsMBV-resistant lines			UPOL (P. Smykal)	
Pisum sativum	various	More flowering nodes	<i>mfn1</i>	SNP	CSIC (F. Madueño & C. Ferrándiz)	
Pisum sativum	various	More flowering nodes	<i>mfn2</i>	SNP	CSIC (F. Madueño & C. Ferrándiz)	
Vicia faba		Vc- (low vicine/convicine)		Kaspar SNP silico dARTs	IFAPA (A. Torres)	
Lathyrus sativus	various	Reduced ODAP content	6 new markers	DARTseq-based SNP	ITQB (C. Vaz Patto)	

Lathyrus cicera	various	Rust resistance	12 new markers	DArTseq-based SNP and species-specific SSR	ITQB (C. Vaz Patto)	
Lupinus albus	various	New L. albus genetic map	3600 new (+465 old)	SNP	IPG-PAS, (M. Książkiewicz) CRA	
Lupinus albus	P27174	alkaloid content	TP16854	SNP	IPG-PAS, CREA	
Lupinus albus	P27174	alkaloid content	TP447859	SNP	IPG-PAS, CREA	
Lupinus albus	P27174	alkaloid content	TP22150	SNP	IPG-PAS, CREA	
Lupinus albus	P27174	alkaloid content	TP70046	SNP	IPG-PAS, CREA	
Lupinus albus	P27174	alkaloid content	TP309728	SNP	IPG-PAS, CREA	
Lupinus albus	P27174	anthracnose resistance antr04_1, antr05_1	TP23903	SNP	IPG-PAS, CREA	
Lupinus albus	P27174	anthracnose resistance antr04_1, antr05_1	TP229924	SNP	IPG-PAS, CREA	
Lupinus albus	P27174	anthracnose resistance antr04_1, antr05_1	TP47110	SNP	IPG-PAS, CREA	
Vicia faba	RIL 29H x Vf136	Ascochyta resistance	Contig17163	SNP	Ocaña et al. 2017 (IFAPA)	
Vicia faba	RIL 29H x Vf136	Ascochyta resistance	Contig9100	SNP	Ocaña et al. 2017 (IFAPA)	
Vicia faba	RIL 29H x Vf136	Ascochyta resistance	Contig9100	SNP	Ocaña et al. 2017 (IFAPA)	
Vicia faba	RIL 29H x Vf136	Ascochyta resistance	Contig17534	SNP	Ocaña et al. 2017 (IFAPA)	
Vicia faba	RIL 29H x Vf136	Ascochyta resistance	Locus_10591	SNP	Ocaña et al. 2017 (IFAPA)	

Vicia faba	RIL 29H x Vf136	Ascochyta resistance	Contig19144	SNP	Ocaña et al. 2017 (IFAPA)	
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