

Details of accessions included in Lopez-Anido 2017 study

Species	Tripartite code ¹	Accession number from source Genbank ²	Name in passport data ³	Cultivar-group ⁴	Country / province ⁵	Source ⁶	Include in molecular evaluation
<i>C. maxima</i> ssp. <i>maxima</i>	104Lus		Pink Banana	Banana	USA	Sieger	yes
	120Lus	MAX 517	Amer Indian	Banana	USA	IPK	no
	146Lar		Zapuco INTA	Banana	Argentina	INTA	yes
	118Lunk	MAX 90	Raketa 38-1	Banana	-	IPK	no
	3Bar	PI 458703		Buttercup	Argentina	NE 9	yes
	95Bus		Buttercup	Buttercup	USA	Stokes	yes
	98Bus		Autumn Cups	Buttercup	USA	Stokes	yes
	80Bus	PI 224669	B. Butter	Buttercup	USA	NE 9	no
	117Bus	MAX 515	Perfection	Buttercup	USA	IPK	no
	56Bsd	PI 234608	Queen Blue	Buttercup	South Africa	NE 9	yes
	6Har	PI 458714		Hubbard	Argentina	NE 9	no
	52Har	PI 458699	Campana Lb 70	Hubbard	Argentina	NE 9	yes
	58Har	PI 458669	Hubbard Rojo	Hubbard	Argentina	NE 9	yes
	76Har	PI 458700	Campana Inglés	Hubbard	Argentina	NE 9	no
	144Har		Trompo Ceballos	Hubbard	Argentina	CP	no
	60Hau	PI 295342	But Pump.	Hubbard	Australia	NE 9	yes
	68Hbo	PI 349347		Hubbard	Bolivia	NE 9	no
<i>C. maxima</i> ssp. <i>maxima</i>	114Hbr		Kururu	Hubbard	Brazil	Feltrin	yes
	94Hus		Mini Green	Hubbard	USA	Stokes	no
	99Hus		Golden Delicious	Hubbard	USA	Stokes	yes

	100Hus		New Eng Blue	Hubbard	USA	Stokes	no
	102Hus		Golden Hubb.	Hubbard	USA	Stokes	no
	105Hus		Blue Eng.	Hubbard	USA	Sieger	no
	107Hus		Golden Hubbard	Hubbard	USA	Sieger	no
	186Hus	MAX 198	N. E. Blue	Hubbard	USA	IPK	yes
	212Hpe	MAX 622	Zap. Macre	Hubbard	Peru	IPK	yes
	45Mar	PI 458705		Moranga	Argentina	NE 9	no
	74Mar	PI 458672	Zapallo	Moranga	Argentina	NE 9	yes
	20Mbr	PI 244702	Moranga	Moranga	Brazil	NE 9	yes
	78Mbr	PI 244704	Ovo ganzo	Moranga	Brazil	NE 9	yes
	113Mbr		Exposicao	Moranga	Brazil	Feltrin	yes
	152Msp	V-CU-130		Moranga	Spain	Comav	yes
	46Nar	PI 458694	Taplop	Nugget	Argentina	NE 9	yes
	53Nus	PI 318417		Nugget	USA	NE 9	no
	59Nus	PI 318419		Nugget	USA	NE 9	yes
	61Nus	PI 318415		Nugget	USA	NE 9	no
	64Nus	PI 318416		Nugget	USA	NE 9	yes
	75Nus	PI 318429		Nugget	USA	NE 9	no
	82Nus	PI 325133	Goldnugget	Nugget	USA	NE 9	yes
	87Nus	PI 318420		Nugget	USA	NE 9	no

<i>C. maxima ssp. maxima</i>	101Nus		Ambercup	Nugget	USA	Stokes	no
	103Nus		Golden Nugget	Nugget	USA	Sieger	yes
	124Nus	MAX 307	Gold Nugget	Nugget	USA	IPK	yes
	4Par	PI 458702	Plomo Ruso	Plomo	Argentina	NE 9	no
	5Par	PI 458661	Zapallo	Plomo	Argentina	NE 9	no
	9Par	PI 458660	Zapallo	Plomo	Argentina	NE 9	yes
	11Par	PI 458666	Zapallo	Plomo	Argentina	NE 9	yes
	18Par	PI 458663	Zapallo	Plomo	Argentina	NE 9	no
	26Par	PI 162669	Valenciano	Plomo	Argentina	NE 9	no
	27Par	PI 458665	Zapallo	Plomo	Argentina	NE 9	no
	37Par	PI 458691	Marino Mendoza	Plomo	Argentina	NE 9	no
	44Par	PI 458670	Zapallo	Plomo	Argentina	NE 9	no
	143Par		Río Ceballos	Plomo	Argentina	FLA	no
	153Par		Gris Plomo	Plomo	Argentina	CAPS	no
	36Pbo	PI 349349	Zapallo	Plomo	Bolivia	NE 9	yes
	109Pbr		Crioulo Pataka	Plomo	Brazil	Feltrin	yes
	28Ppe	PI 470933	Zap. Grande	Plomo	Peru	NE 9	no
	63Psp	PI 512699		Plomo	Spain	NE 9	no
	69Ptk	PI 458653	Kus	Plomo	Turkey	NE 9	no
	70Ptk	PI 171618	Kestane	Plomo	Turkey	NE 9	no

<i>C. maxima ssp. maxima</i>	71Ptk	PI 177365	Helvaci	Plomo	Turkey	NE 9	no
	54Pin	PI 174181	Balka Bagi	Plomo	India	NE 9	no
	72Pau	PI 234609	Queen Blue	Plomo	Australia	NE 9	yes
	116Psd		Star 7024	Plomo	South Africa	Star	yes
	10Sar	PI 162671	Forrajero	Show	Argentina	NE 9	no
	190Sar	MAX 79		Show	Argentina	IPK	yes
	214Sch	MAX 630	Kurb Garten	Show	Chile	IPK	yes
	213Smx	MAX 629	Mayo Blush	Show	Mexico	IPK	yes
	96Sus		Dill's Giant	Show	USA	Stokes	no
	90Ssp	V-CU-170		Show	Spain	Comav	yes
	91Ssp	CL-CU-7		Show	Spain	Comav	yes
	176Shu	MAX 513		Show	Hungary	IPK	yes
	42Tar	PI 458684	Alayo	Turbant	Argentina	NE 9	yes
	108Tar		Turb Cor	Turbant	Argentina	FLA	no
	196Tus	MAX 216		Turbant	USA	IPK	no
	97Tus		Aladdin Turban	Turbant	USA	Stokes	yes
	106Tus		Turks Turban	Turbant	USA	Sieger	yes
	89Tsp	AN-CU-117		Turbant	Spain	Comav	yes
	147Tsp	CA-CU-138		Turbant	Spain	Comav	yes
	195Tit	MAX 211		Turbant	Italy	IPK	yes

<i>C. maxima ssp. maxima</i>	192Tsy	MAX 144		Turbant	Syria	IPK	no
	8Zar	PI 458676	Supua	Zapallito	Argentina	NE 9	no
	15Zar	PI 458683	Vistalba	Zapallito	Argentina	NE 9	yes
	16Zar	PI 458690	Chacoriano	Zapallito	Argentina	NE 9	yes
	19Zar	PI 458685	Antón	Zapallito	Argentina	NE 9	no
	22Zar	PI 458698	Zap Tronco	Zapallito	Argentina	NE 9	no
	24Zar	PI 458675	Nacalo	Zapallito	Argentina	NE 9	no
	33Zar	PI 458678	Tanca	Zapallito	Argentina	NE 9	no
	34Zar	PI 458674	Lampa	Zapallito	Argentina	NE 9	yes
<i>C. maxima ssp. maxima</i>	38Zar	PI 458688	Maguilta	Zapallito	Argentina	NE 9	no
	39Zar	PI 458680	Maluen	Zapallito	Argentina	NE 9	no
	40Zar	PI 458704		Zapallito	Argentina	NE 9	no
	41Zar	PI 458695	Sayanca	Zapallito	Argentina	NE 9	no
	79Zar	PI 458677	Sipigua	Zapallito	Argentina	NE 9	yes
	155Zar		Zapallito	Zapallito	Argentina	F. Morse	no
	156Zar		Clarísimo	Zapallito	Argentina	CAPS	no
	158Zar		Zap. Tronco	Zapallito	Argentina	SAIS	no
	159Zar		Veronés	Zapallito	Argentina	INTA	yes
	217Zar		T. Magnif	Zapallito	Argentina	Guasch	no
	123Zur	MAX 302	Zap. Tronco	Zapallito	Uruguay	IPK	yes

	93Zbr		Abob tronco	Zapallito	Brazil	Feltrin	yes
	29Kar	PI 414676	Zapinski	Zipinka	Argentina	NE 9	yes
	35Kar	PI 458701	Z. Campana	Zipinka	Argentina	NE 9	yes
	185Kar	MAX 306	Zip Camp.	Zipinka	Argentina	IPK	yes
	211Kar	MAX 621	B. Zipinki	Zipinka	Argentina	IPK	yes
	13ar	PI 458708		-	Argentina	NE 9	no
	14ar	PI 458710		-	Argentina	NE 9	no
<i>C. maxima ssp. maxima</i>	49ar	PI 458687	Choay	-	Argentina	NE 9	no
	50ar	PI 458686	Chinque	-	Argentina	NE 9	no
	51ar	PI 458679	Relanta	-	Argentina	NE 9	no
	81ar	PI 458709		-	Argentina	NE 9	no
	84ar	PI 458664	Zapallo	-	Argentina	NE 9	no
	142ar		Pecas INTA	-	Argentina	INTA	no
	219bo	PI 518681	Zapallo	-	Bolivia	NE 9	yes
	220bo	PI 543227	Joco Jemi	-	Bolivia	NE 9	yes
	221bo	PI 560947	Joco	-	Bolivia	NE 9	no
	17pa	PI 475748	Zapallo	-	Paraguay	NE 9	yes
	30pa	PI 458741		-	Paraguay	NE 9	yes
	32pa	PI 475749	Zapallo	-	Paraguay	NE 9	yes
	83pa	PI 458742	Zapallo	-	Paraguay	NE 9	yes

	111br		Coroa	-	Brazil	Feltrin	no
	1ch	PI 349354		-	Chile	NE 9	yes
	127ch	MAX 15	Chilen Kurbis	-	Chile	IPK	no
	7pe	PI215750	Macre	-	Peru	NE 9	yes
	131pe	MAX 192	Zap. Mace 2	-	Peru	IPK	yes
<i>C. maxima ssp. maxima</i>	198us	PI 165558	Kadu		USA	NE 9	yes
	66sp	PI 512714		-	Spain	NE 9	no
	88sp	CM-CU-33		-	Spain	Comav	no
	149sp	V-CU-140		-	Spain	Comav	no
	150sp	B-CU-30		-	Spain	Comav	no
	151sp	B-CU-11		-	Spain	Comav	no
	57ni	PI 188694		-	Niger	NE 9	no
	67ir	PI 137866		-	Iran	NE 9	no
	77ir	PI 141636	Kaduetambl	-	Iran	NE 9	no
	62rs	PI 260652		-	Russia	NE 9	no
	65cn	PI 92865	Nan Kwa	-	China	NE 9	yes
	129unk	MAX 24	Ovo Ganso	-	-	IPK	yes
	43Aba	PI 458659			Bs. Aires	NE 9	yes
	125Asl	MAX 66	Sacha Zapa		San Luís	IPK	yes
	128Aunk	MAX 71	(andreana)		Argentina	IPK	no

<i>C. maxima</i> spp. <i>andreana</i>	130Aer	MAX 81	Entre Rios		Entre Ríos	IPK	yes
	132Aco		Caroya Bulk		Córdoba	FLA	no
	133Aco		St Dom. I		Córdoba	FLA	no
	134Aco		St Dom. II		Córdoba	FLA	no
	135Asf		Chapuy		Santa Fe	FLA	no
	136Ast		La Huerta		S. del Est.	FLA	yes
	137Asl		Concarán		San Luís	LA	no
	138Asf		Zav A012		Santa Fe	FLA	no
<i>C. maxima</i> spp. <i>andreana</i>	139Aba		Cnel. Suár.		Bs. Aires	FLA	no
	140Ast		Bandera 45		S. del Est.	FLA	yes
	141Ast		Bandera		S. del Est.	FLA	yes
	160Aco	PI 629254	Andreana		Córdoba	NE 9	yes
	174Aco		Las Varillas		Córdoba	FLA	no
	175Ast		Linares		S. del Est.	FLA	no
	178Aus	MAX 80			EEUU	IPK	yes
	199Aco		Despeñaderos		Córdoba	FLA	no
	201Asl		Las Quijadas		San Luís	FLA	no
	202Aer		Rincón del Doll		Entre Ríos	FLA	no
	218Aba	PI 458653	Lag. Esquivel		Bs. Aires	NE 9	no
	110Cbr		Nova Caravela		Brazil	Feltrin	no

<i>C. moschata</i>	112Cbr		Pira Moita		Brazil	Feltrin	no
	163Cbo	PI 543228			Bolivia	SE 7	yes
	164Cpa	PI 458743	Andai Ysis		Paraguay	SE 7	no
	167Cbo	PI 543218			Bolivia	SE 7	no
	168Cbo	PI 560946	Joco		Bolivia	SE 7	no
	169Cpa	PI 162889			Paraguay	SE 7	yes
<i>C. argyrosperma</i>	162Yar	PI 458725			Argentina	SE 7	yes
	165Yar	PI 458722			Argentina	SE 7	yes
<i>C. ficifolia</i>	222Far		Marchionni		Argentina	FLA	no
<i>C. ecuadorensis</i>	161Rec	Grif 9446			Ecuador	SE 7	no
	203Rec	PI 432441	Bitter Flesh		Ecuador	SE 7	yes

¹ For entries a tripartite abbreviation code was used, in which the number is a household accession code (see supplementary Table for details), uppercase letter refers to species other than *C. maxima* or cultivar-group in *C. maxima*, F (*C. ficifolia*), Y (*C. argyrosperma*), C (*C. moschata*), R (*C. ecuadorensis*), A (*ssp. andreana*), B (Buttercup), P (Plomo), M (Moranga), Z (Zapallito), T (Turban), S (Show), H (Hubbard), K (Zipinka), L (Banana), N (Nugget). When *C. maxima* accessions could not be assigned to any cultivar-group, uppercase letter is missing. The rest of the lower case letters in the code, refers to country of origin us (USA), ar (Argentina), pe (Peru), br (Brazil), ch (Chile), bo (Bolivia), pa (Paraguay), ur (Uruguay), ec (Ecuador), mx (Mexico), sp (Spain), it (Italy), hu (Hungary), au (Australia), sd (South Africa), cn (China), ir (Iran), ni (Nigeria), in (India), tk (Turkey), rs (Russia), sy (Syria) and unk (not specified in passport data). For Argentinian entries of *ssp. andreana* lowercase letters indicate Province of origin, st (Santiago del Estero), co (Córdoba), er (Entre Ríos), sl (San Luis), sf (Santa Fe) and ba (Buenos Aires).

² Only for those from a Genebank source.

³ According to passport data from Genbank or collector.

⁴ Cultivar group only for *C. maxima*, domesticates.

⁵ Only for *ssp. andreana* Argentinian province of provenance.

⁶ Genbanks: NE 9 = Northeast Regional PI Station, USDA-ARS, Geneva, USA COMAV = Instituto de Conservación y Mejora de la Agrodiversidad Valenciana, Valencia, Spain; SE 7 = Plant Genetic Conservation Unit, USDA-ARS, Griffin, USA; INTA = Instituto Nacional de Tecnología Agropecuaria, EEA La Consulta, Mendoza, Argentina; IPK = Leibniz Institute of Plant Genetics and Crop Plant Research, Gatersleben, Germany. Commercial Seeds Companies: Feltrin, Stokes, Sieger, Star, SAIS, CAPS, Ferry Morse, SAIS, Guasch. Others abbreviations: FLA = Collected by Fernando Lopez-Anido, LA = Collected by Lorena Ashworth.