

**Table S1.** Names of food crops analyzed in this research , together with their cluster and codes used to join ESPAC and FAO databases.

Cluster	Code		Spanish name	English name	Scientific name
	ESPAC	FAO			
1	565	1661	PEREJIL	PARSLEY	Petroselinum crispum
1	529	1997	ESPINACA	SPINACH	Spinacia oleracea
1	563, 559	3877	PAPA NABO, NABO	TURNIP	Brassica rapa
1	525	784	CILANTRO, CULANTRO	CORIANDER	Coriandrum sativum
1	581	871	ZANAHORIA	WILD CARROT	Daucus carota
			AMARILLA		
2	433	1260	GUABA	GUABA	Inga edulis
2	518	1265	CAMOTE	SWEET POTATO	Ipomoea batatas
2	543	1313	LECHUGA	LETTUCE	Lactuca sativa
2	576	1379	TOMATE RIÑON	TOMATO	Lycopersicon esculentum
2	445	1407	MANZANA	APPLE	Malus domestica
2	444	1416	MANGO	MANGO	Mangifera indica
2	579	1420	YUCA, MANDIOCA	YUCCA	Manihot esculenta
2	465	14639	PITAHAYA	RED PITAHAYA	Hylocereus undatus
2	428	16203	CIRUELO	PLUM	Prunus domestica
2	446	1633	MARACUYA	PASSION FRUIT	Passiflora edulis
2	402	1659	AGUACATE	AVOCADO	Persea americana
2	578	1668	VAINITA, EJOTE	GREEN BEANS	Phaseolus vulgaris
2	476	1686	UVILLA	CAPE GOOSEBERRY (GOLDENBERRY)	Physalis peruviana
2	461, 462	1714	PIMIENTA DULCE, PIMIENTA NEGRA	BLACK PEPPER	Piper nigrum
2	435	1804	GUAYABA	GUAVA	Psidium guajava
2	460	1832	PERA	PEAR	Pyrus communis
2	568	1839	RABANO	RADISH	Raphanus sativus
2	419, 420, 427, 782	1887	CAÑA DE AZÚCAR	SUGAR CANE	Saccharum sp.
2	451	1968	NARANJILLA, LULO	NARANJILLA (LULO)	Solanum quitoense
2	561	1971	PAPA	POTATO	Solanum tuberosum
2	557	2120	MELLOCO	ULLUCU	Ullucus tuberosus
2	437	2177	JENJIBRE	GINGER	Zingiber officinale
2	426	2194	CHIRIMOYA	CUSTARD APPLE	Annona cherimola
2	457	2307	PALMITO	PALMETTO	Bactris gasipaes
2	560	2371	OCA	YAM	Oxalis tuberosa
2	432	2381	GRANADILLA	PASSION FRUIT	Passiflora ligularis
2	407, 453, 454, 466	2483	BANANO, ORITO, PLATANO	BANANA	Musa sp.
2	459	2528	PEPINO DULCE	MELON PEAR	Solanum

2	582	3386	ZANAHORIA BLANCA	WHITE CARROT	muricatum Arracacia xanthorrhiza
2	521,522	364	CEBOLLA PERLA, CEBOLLA COLORADA	PEARL ONION, RED ONION	Allium cepa
2	520	365	CEBOLLA BLANCA	WHITE ONION	Allium fistulosum
2	502	367	AJO	GARLIC	Allium sativum
2	516, 526, 527, 528, 570	3867	BROCOLI, COL, COL DE BRUCELAS, COLIFLOR, ROMANESCO	BROCCOLI, CABBAGE, BRUSSELS SPROUT, CAULIFLOWER, ROMANESQUE	Brassica oleracea
2	464	402	PIÑA	PINEAPPLE	Ananas comosus
2	434	411	GUANABANA	SOURSOP	Annona muricata
2	506	431	APIO	CELERY	Apium graveolens
2	431	468	ESPARRAGO	ASPARAGUS	Asparagus officinalis
2	580, 583	5032	ZAMBO, ZAPALLO, CALABAZA	SQUASH, FIGLEAF GOURD	Cucurbita ficifolia
2	569	514	REMOLACHA	BEETROOT	Beta vulgaris
2	566	618	PIMIENTO	PEPPER	Capsicum annuum
2	501	621	AJI	CHILI PEPPER	Capsicum frutescens
2	458	630	PAPAYA	PAPAYA	Carica papaya
2	571	708	SANDIA	WATERMELON	Citrullus lanatus
2	440	714	LIMON	LEMON	Citrus limon
2	473	717	TORONJA	PINK GRAPEFRUIT	Citrus paradisi
2	443	718	MANDARINA	TANGERINE (MANDARIN)	Citrus reticulata
2	450	720	NARANJA	ORANGE	Citrus sinensis
2	439	722	LIMA	LIME	Citrus sp.
2	474	8094	TUNA	TUNA	Opuntia ficus- indica
2	564	817	PEPINILLO	PICKLE	Cucumis sativus
2	574	821	SUQUINI, ZUCHINI	ZUCCHINI	Cucurbita pepo
2	472	859	TOMATE DE ARBOL	TAMARILLO	Cyphomandra betacea
2	418	8992	CLAUDIA	CLAUDIA	Prunus salicina
3	573, 788	1150	SOYA	SOY	Glycine max
3	519, 783	1232	CEBADA	BARLEY	Hordeum vulgare
3	507, 508	1574	ARROZ	RICE	Oryza sativa
3	523, 784	1929	CENTENO	RYE	Secale cereale
3	410,411,482,483	2074	CACAO CCN51, CACAO FINO DE AROMA	COCOA CCN51, FINE- AROMA COCOA	Theobroma cacao
3	577	2114	TRIGO	WHEAT	Triticum aestivum
3	547, 548, 549, 550, 551, 552, 786	2175	MAIZ DURO, MAIZ SUAVE	CORN	Zea mays
3	554	2199	MANI	PEANUT	Arachis hypogaea
3	567	2509	QUINUA	QUINOA	Chenopodium quinoa
3	513,781	481	AVENA	OATMEAL	Avena sativa
3	401	520	ACHIOTE	ACHIOTE	Bixa orellana
3	524	7435	CHOCHO	ANDEAN LUPIN	Lupinus

					mutabilis
3	412, 413, 414, 415, 416	749	CAFÉ ARABIGO: CEREZA FRESCA, CEREZA, PERGAMINO OREADO, PERGAMINO SECO, GRANO ORO	ARABICA COFFEE	Coffea arabica

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