

## Supplementary Information 2

Table 1. Compilation of published ages of Combia Formation magmatic rocks.

Sample code	Latitude N	Longitude W	Geologic Unit	Lithology	Age (Ma)	Error (Ma)	Stratigraphic age	Relict ages	Method	Material/Mineral	Reference
10018054	4° 28' 5.2"	75° 29' 36.1"	hypabyssal intrusions	Diorite porphyry	7.6	0.2	Miocene	ca. 185, 80, 45, and 35 Ma	U–Pb LA–MC–ICP–MS	zircon	Leal–Mejía (2011)
10029776	4° 28' 18.3"	75° 29' 42.4"	hypabyssal intrusions	granodiorite porphyry	7.5	0.2	Miocene	ca. 570 and 70 Ma	U–Pb LA–MC–ICP–MS	zircon	Leal–Mejía (2011)
12009392	4° 37' 27.6"	75° 33' 21.8"	hypabyssal intrusions	Diorite porphyry	6.3	0.3	Miocene	ca. 13 Ma	U–Pb LA–MC–ICP–MS	zircon	Leal–Mejía (2011)
12036376	4° 31' 36.7"	75° 30' 54.6"	hypabyssal intrusions	quartz diorite	7.6	0.2	Miocene		U–Pb LA–MC–ICP–MS	zircon	Leal–Mejía (2011)
12036426	4° 34' 16.1"	75° 28' 57.8"	hypabyssal intrusions	Diorite porphyry	8.1	0.1	Miocene	ca. 75, 45, and 25 Ma	U–Pb LA–MC–ICP–MS	zircon	Leal–Mejía (2011)
12044046	4° 33' 12.6"	75° 32' 0.4"	hypabyssal intrusions	Diorite porphyry	8.4	0.2	Miocene	ca. 50 and 30 Ma	U–Pb LA–MC–ICP–MS	zircon	Leal–Mejía (2011)
08–Bu–16	6° 42' 12.46"	75° 54' 16.41"	Burítica porphyritic andesite	andesite	7.87	0.05	Miocene		Ar–Ar	hydrothermal sericite	Lesage et al. (2013)
08–Bu–16	6° 42' 12.46"	75° 54' 16.41"	Burítica porphyritic andesite	andesite	7.73	0.12	Miocene		Ar–Ar	hydrothermal sericite	Lesage et al. (2013)
08–Bu–16	6° 42' 12.46"	75° 54' 16.41"	Burítica porphyritic andesite	andesite	7.73	0.26	Miocene		Ar–Ar	hydrothermal sericite	Lesage et al. (2013)
08–Bu–83	6° 42' 11.26"	75° 54' 18.47"	Burítica porphyritic andesite	andesite	7.89	0.04	Miocene		Ar–Ar	hydrothermal sericite	Lesage et al. (2013)
08–Bu–83	6° 42' 11.26"	75° 54' 18.47"	Burítica porphyritic andesite	andesite	7.89	0.12	Miocene		Ar–Ar	hydrothermal sericite	Lesage et al. (2013)
08–Bu–83	6° 42' 11.26"	75° 54' 18.47"	Burítica porphyritic andesite	andesite	7.74	0.1	Miocene		Ar–Ar	hydrothermal sericite	Lesage et al. (2013)
09–Bu–205	6° 41' 59.48"	75° 54' 33.84"	Burítica porphyritic andesite	andesite	9.43	0.07	Miocene		Ar–Ar	amphibole	Lesage et al. (2013)
09–Bu–205	6° 41' 59.48"	75° 54' 33.84"	Burítica porphyritic andesite	andesite	7.59	0.16	Miocene		Ar–Ar	amphibole	Lesage et al. (2013)
09–Bu–205	6° 41' 59.48"	75° 54' 33.84"	Burítica porphyritic andesite	andesite	7.41	0.4	Miocene		Ar–Ar	amphibole	Lesage et al. (2013)
15	6° 41' 50.09"	76° 9' 47.89"	El Cerro Frontino stock	pegmatitic gabbro	16.7	3.3	Miocene		fission tracks	sphene	Restrepo (1991)
3059	6° 57' 20.1"	76° 13' 47.89"	El Boton	basalt	3	1	Pliocene		K–Ar	whole rock	Restrepo et al. (1981b)
A.A	5° 14' 42.6"	75° 39' 3.6"	Irra Formation	pumice	6.3	0.3	Miocene		fission tracks	zircon	Toro et al. (1999)
AMA 06	6° 8' 18"	75° 52' 27.54"	Rio Amaga ignimbrite	ignimbrite	8.55	0.18			U–Pb LA–MC–ICP–MS	zircon	Leal–Mejía (2011)
Aurora–IM–01	5° 45' 20.7"	75° 43' 27.5"	hypabyssal intrusions	diorite porphyry	8	+ 0.9/– 0.4	Miocene		U–Pb LA–MC–ICP–MS	zircon	Leal–Mejía (2011)
Buriticá 1	6° 41' 58.6"	75° 54' 31.2"		diorite	11.8	1.1	Miocene		K–Ar	hornblende	Bissig et al. (2017)
CB–M–AG–25	5° 17' 24"	75° 41' 24"	Tesorito	Garnet bearing intrusive	9.25	0.02	Miocene		CA–TIMS	zircon	Bissig et al. (2017)
CB–P–TB–32	4° 54' 36"	75° 42' 36"	El Poma	Garnet–free intrusive	8.83	0.1	Miocene		CA–TIMS	zircon	Bissig et al. (2017)
CB–P–TB–33	4° 54' 36"	75° 42' 36"	El Poma	Postmineralization dike	4.65	0.21	Miocene		CA–TIMS	zircon	Bissig et al. (2017)
CB–P–TB–37	4° 55' 12"	75° 42' 0"	El Poma	Garnet bearing intrusive	11.75	0.04	Miocene		CA–TIMS	zircon	Bissig et al. (2017)
CB–TS–HL–02	5° 17' 24"	75° 41' 24"	Tesorito	Postmineralization intrusive	8.68	0.05	Miocene		CA–TIMS	zircon	Bissig et al. (2017)
CGP15	5° 54' 50.59"	75° 52' 55.09"	Combia Formation		9.4	1.13	Miocene		fission tracks	zircon	Ramírez et al. (2006)
CGP15	5° 54' 50.59"	75° 52' 55.09"	Combia Formation		7.97	0.85	Miocene		fission tracks	zircon	Ramírez et al. (2006)
CGP15	5° 54' 50.59"	75° 52' 55.09"	Combia Formation		6.81	0.47	Miocene		fission tracks	zircon	Ramírez et al. (2006)
CGP15	5° 54' 50.59"	75° 52' 55.09"	Combia Formation		6	0.34	Miocene		fission tracks	zircon	Ramírez et al. (2006)
CGP29	5° 54' 50.59"	75° 52' 55.09"	Combia Formation		11.6	1.35	Miocene		fission tracks	zircon	Ramírez et al. (2006)
CGP29	5° 54' 50.59"	75° 52' 55.09"	Combia Formation		10.2	1.17	Miocene		fission tracks	zircon	Ramírez et al. (2006)
CGP29	5° 54' 50.59"	75° 52' 55.09"	Combia Formation		6.82	0.5	Miocene		fission tracks	zircon	Ramírez et al. (2006)
CGP29	5° 54' 50.59"	75° 52' 55.09"	Combia Formation		5.72	0.3	Miocene		fission tracks	zircon	Ramírez et al. (2006)
CGP37	5° 54' 50.59"	75° 52' 55.09"	Combia Formation		9.3	1.55	Miocene		fission tracks	zircon	Ramírez et al. (2006)
CGP37	5° 54' 50.59"	75° 52' 55.09"	Combia Formation		9.1	1.45	Miocene		fission tracks	zircon	Ramírez et al. (2006)
COL–1	4° 28' 12.5"	75° 29' 38.6"	hypabyssal intrusions	diorite porphyry	8.3	0.2	Miocene	ca. 1060, 290, 95, and 70 Ma	U–Pb LA–MC–ICP–MS	zircon	Leal–Mejía (2011)
COL–2	4° 28' 12.5"	75° 29' 38.6"	hypabyssal intrusions	granodiorite porphyry	7.9	0.3	Miocene	ca. 400, 145, 125 and 50 Ma	U–Pb LA–MC–ICP–MS	zircon	Leal–Mejía (2011)
COL–3	4° 28' 12.5"	75° 29' 38.3"	hypabyssal intrusions	diorite porphyry	8.1	0.3	Miocene	ca. 860, 260–200, 160–100, and 60 Ma	U–Pb LA–MC–ICP–MS	zircon	Leal–Mejía (2011)

**Table 1.** Compilation of published ages of Combia Formation magmatic rocks (*continued*).

Sample code	Latitude N	Longitude W	Geologic Unit	Lithology	Age (Ma)	Error (Ma)	Stratigraphic age	Relict ages	Method	Material/Mineral	Reference
CONC 03	5° 59' 44.13"	75° 52' 27.54"	Morro Plancho ignimbrite	ignimbrite	8.58	0.22			U–Pb LA–MC–ICP–MS	zircon	Project “Caracterización Estratigráfica, Petrogenética y Geocronológica de la Formación Combia, Acuerdo Específico No 009–2004”
CONC 04	5° 59' 46.84"	75° 51' 50.55"	Morro Plancho ignimbrite	ignimbrite	8.44	0.17			U–Pb LA–MC–ICP–MS	zircon	Project “Caracterización Estratigráfica, Petrogenética y Geocronológica de la Formación Combia, Acuerdo Específico No 009–2004”
DH–23	4° 28' 1.8"	75° 29' 31.7"			8.43	0.08	Miocene		K–Ar	molybdenite	Leal–Mejía (2011)
ER135AR	5° 0' 25.91"	75° 36' 54.68"	Palestina andesitic porphyry	andesite	11.2	0.3	Miocene		Ar–Ar	hornblende	González (2010)
ER135AR	5° 0' 25.91"	75° 36' 54.68"	Palestina andesitic porphyry	andesite	10.82	0.1	Miocene		Ar–Ar	biotite	González (2010)
G.T	5° 14' 42.6"	75° 39' 3.6"	Irra Formation	pumice	6.2	0.3	Miocene		fission tracks	zircon	Toro et al. (1999)
IGM 119167	5° 38' 24.03"	76° 2' 17.9"	Farallones batholith	tonalite	11	2	Miocene		K–Ar	whole rock	Calle et al. (1980)
IGM–119254	2° 2' 42.68"	76° 48' 38.74"	Las Minas porphyry suite	tonalite	8	3	Miocene		K–Ar	biotite	Álvarez & Linares (1981a)
IGM–6881	5° 29' 26.01"	75° 36' 27.85"	Marmato stock	diorite porphyry	6.3	0.7	Miocene		K–Ar	hornblende	Restrepo et al. (1981a)
IGM–706406	7° 0' 53.12"	76° 18' 1"	El Boton	basalt	10.55	0.28	Miocene		Ar–Ar	whole rock	Zapata & Rodríguez (2011)
IGM–706406	7° 0' 53.12"	76° 18' 1"	El Boton	basalt	10.55	0.28	Miocene		Ar–Ar	whole rock	Zapata & Rodríguez (2011)
IGM–706421	6° 42' 10.79"	76° 9' 44.29"	Frontino monzonite	diorite	10.17	0.41	Miocene		Ar–Ar	biotite	Rodríguez & Zapata (2012)
IGM–706421	6° 42' 10.79"	76° 9' 44.29"	Frontino monzonite	diorite	11.44	0.36	Miocene		Ar–Ar	biotite	Rodríguez & Zapata (2012)
IGM–706463	6° 24' 22.08"	76° 8' 3.01"	Frontino monzonite	diorite	10.6	0.38	Miocene		Ar–Ar	biotite	Rodríguez & Zapata (2012)
IGM–706463	6° 24' 22.08"	76° 8' 3.01"	Frontino monzonite	diorite	10.44	0.23	Miocene		Ar–Ar	biotite	Rodríguez & Zapata (2012)
IGM–706724	5° 38' 34.06"	76° 1' 6.63"	Farallones granodiorite	granodiorite	13.9	0.9	Miocene		Ar–Ar	hornblende & biotite	Zapata & Rodríguez (2013)
IGM–706724	5° 38' 34.06"	76° 1' 6.63"	Farallones granodiorite	granodiorite	11.9	0.6	Miocene		Ar–Ar	hornblende & biotite	Zapata & Rodríguez (2013)
IGM–706724	5° 38' 34.06"	76° 1' 6.63"	Farallones granodiorite	granodiorite	11	1.4	Miocene		Ar–Ar	hornblende & biotite	Zapata & Rodríguez (2013)
IGM–706727	5° 38' 15.24"	75° 59' 36.21"	Farallones granodiorite	granodiorite	9.9	0.3	Miocene		Ar–Ar	hornblende & biotite	Zapata & Rodríguez (2013)
IGM–706727	5° 38' 15.24"	75° 59' 36.21"	Farallones granodiorite	granodiorite	9.8	0.2	Miocene		Ar–Ar	hornblende & biotite	Zapata & Rodríguez (2013)
IGM–706727	5° 38' 15.24"	75° 59' 36.21"	Farallones granodiorite	granodiorite	9.6	0.5	Miocene		Ar–Ar	hornblende & biotite	Zapata & Rodríguez (2013)
IGM–706762	6° 44' 20.96"	76° 21' 3.56"	Carauta monzonite	monzodiorite	10.1	1.3	Miocene		Ar–Ar	biotite	Buchely et al. (2009)
IGM–706762	6° 44' 20.96"	76° 21' 3.56"	Carauta monzonite	monzodiorite	12.1	0.5	Miocene		Ar–Ar	biotite	Zapata & Rodríguez (2011)
IGM–706762	6° 44' 20.96"	76° 21' 3.56"	Carauta monzonite	monzodiorite	11.9	0.5	Miocene		Ar–Ar	biotite	Buchely et al. (2009)
IGM–706781	6° 46' 39"	76° 24' 49.11"	Santa Cecilia La Equis complex	basalt	13.5	2.3	Miocene		Ar–Ar	plagioclase & clinopyroxene	Buchely et al. (2009)
IGM–706936	6° 20' 37.96"	76° 33' 22"		gabbro	12	0.5	Miocene		Ar–Ar	hornblende	Buchely et al. (2009)
IGM–706936	6° 20' 37.96"	76° 33' 22"		gabbro	12	0.5	Miocene		Ar–Ar	hornblende	Buchely et al. (2009)
IGM–95353	5° 22' 50.01"	75° 37' 47.86"	La Felisa stock	andesitic porphyry	7.1	0.2	Miocene		K–Ar	Hornblenda	González (1980)
IGM–95353	5° 22' 50.01"	75° 37' 47.86"	La Felisa stock	andesitic porphyry	6.8	0.2	Miocene		K–Ar	biotite	González (1980)
JM024R	2° 10' 55.27"	76° 39' 7.53"		andesitic porphyry	6.27	0.41	Miocene		Ar–Ar	hornblende	González (2010)
JM024R	2° 10' 55.27"	76° 39' 7.53"	andesitic porphyry	andesitic porphyry	6.17	0.28	Miocene		Ar–Ar	hornblende	González (2010)
JM024R	2° 10' 55.27"	76° 39' 7.53"	andesitic porphyry	andesitic porphyry	6.07	0.14	Miocene		Ar–Ar	biotite	González (2010)
JM024R	2° 10' 55.27"	76° 39' 7.53"	andesitic porphyry	andesitic porphyry	6.05	0.15	Miocene		Ar–Ar	biotite	González (2010)
JM024R	2° 10' 55.27"	76° 39' 7.53"	andesitic porphyry	andesitic porphyry	6.05	0.31	Miocene		Ar–Ar	hornblende	González (2010)
JM024R	2° 10' 55.27"	76° 39' 7.53"	andesitic porphyry	andesitic porphyry	6.01	0.19	Miocene		Ar–Ar	biotite	González (2010)
JR136R	5° 36' 25.1"	75° 42' 33.67"	Tamesis stock	diorite	7.86	0.51	Miocene		Ar–Ar	hornblende	González (2010)
JR136R	5° 36' 25.1"	75° 42' 33.67"	Tamesis stock	diorite	7.8	0.44	Miocene		Ar–Ar	biotite	González (2010)
JR136R	5° 36' 25.1"	75° 42' 33.67"	Tamesis stock	diorite	7.8	0.77	Miocene		Ar–Ar	hornblende	González (2010)
JR136R	5° 36' 25.1"	75° 42' 33.67"	Tamesis stock	diorite	7.7	0.79	Miocene		Ar–Ar	hornblende	González (2010)

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Sample code	Latitude N	Longitude W	Geologic Unit	Lithology	Age (Ma)	Error (Ma)	Stratigraphic age	Relict ages	Method	Material/Mineral	Reference
JR136R	5° 36' 25.1"	75° 42' 33.67"	Tamesis stock	diorite	7.54	0.36	Miocene		Ar–Ar	biotite	González (2010)
JR136R	5° 36' 25.1"	75° 42' 33.67"	Tamesis stock	diorite	7.68	0.23	Miocene		Ar–Ar	biotite	González (2010)
LC–10	4° 27' 24.2"	75° 29' 4.3"	hypabyssal intrusions	dike	7.3	0.2	Miocene	ca. 250–200, 168, 80–70, 40 and 30 Ma	U–Pb LA–MC–ICP–MS	zircon	Leal–Mejía (2011)
LC–2	4° 27' 49.3"	75° 29' 25.3"		breccia	7.9	0.8	Miocene		K–Ar	whole rock	Leal–Mejía (2011)
LC–4	4° 27' 34"	75° 29' 46"		diorite porphyry	8	0.8	Miocene		K–Ar	biotite	Leal–Mejía (2011)
MIN–01	5° 55' 20.4"	75° 43' 51.6"	hypabyssal intrusions	diorite porphyry	7.6	0.2	Miocene	ca. 42 Ma	U–Pb LA–MC–ICP–MS	zircon	Leal–Mejía (2011)
MJG–132	5° 50' 3.13"	75° 48' 44.73"	Morro Cruces Jerico	porphyry	8.9	0.28			Ar–Ar	hornblende	Tejada et al. (2007)
MJG–134	5° 50' 11.62"	75° 48' 36.01"	Morro Cruces Jerico	porphyry	8.53	0.41			Ar–Ar	hornblende	Tejada et al. (2007)
MW–1	6° 58' 14.21"	75° 46' 13.87"	Cerro Tusa	andesitic porphyry	7.93	0.14			Ar–Ar	hornblende	Tejada et al. (2007)
P18	6° 3' 24.51"	75° 45' 25.72"	Titiribí stock	andesite	8	0.9	Miocene		K–Ar	whole rock	MacDonald (1980)
Q–34	5° 18' 33"	75° 42' 44.8"	hypabyssal intrusions	diorite porphyry	8	0.5	Miocene		U–Pb LA–MC–ICP–MS	zircon	Leal–Mejía (2011)
Q–39	5° 17' 44.6"	75° 42' 47.3"		diorite porphyry	8.2	0.7	Miocene		K–Ar	whole rock	Leal–Mejía (2011)
Q–45	5° 18' 34"	75° 42' 34.2"		diorite porphyry	7.7	0.2	Miocene		Re–Os	molybdenite	Leal–Mejía (2011)
San Diego 1	6° 41' 55.1"	76° 9' 35.5"	El Cerro intrusive	diorite	11.8	0.4	Miocene		K–Ar	biotite	Leal–Mejía (2011)
SanCelestino–1	7° 22' 1.3"	72° 55' 3.1"		dacitic porphyry	10.2	0.2	Miocene	ca. 200, 180, 50 and 30 Ma	U–Pb LA–MC–ICP–MS	zircon	Leal–Mejía (2011)
SG–008	5° 41' 18.96"	75° 43' 27.51"	Tamesis stock		7.2		Miocene		U–Pb LA–MC–ICP–MS	zircon	Agencia Nacional de Hidrocarburos & Universidad de Caldas (2011)
SG–008	5° 41' 18.96"	75° 43' 27.51"	Tamesis stock		6.55	+ 1.33/– 1.11	Miocene		fission tracks LA–ICP–MS	zircon	Agencia Nacional de Hidrocarburos & Universidad de Caldas (2011)
SG–008	5° 41' 18.96"	75° 43' 27.51"	Tamesis stock		6.16	+ 2.6/– 1.83	Miocene		fission tracks LA–ICP–MS	apatite	Agencia Nacional de Hidrocarburos & Universidad de Caldas (2011)
SG–008	5° 41' 18.96"	75° 43' 27.51"	Tamesis stock		5.37	1.71	Miocene		U–Th/He	apatite	Agencia Nacional de Hidrocarburos & Universidad de Caldas (2011)
SG–008	5° 41' 18.96"	75° 43' 27.51"	Tamesis stock		4.7	0.87	Pliocene		U–Th/He	apatite	Agencia Nacional de Hidrocarburos & Universidad de Caldas (2011)
SG–008	5° 41' 18.96"	75° 43' 27.51"	Tamesis stock		4.63	1.35	Pliocene		U–Th/He	apatite	Agencia Nacional de Hidrocarburos & Universidad de Caldas (2011)
SR018R	4° 52' 39.62"	75° 41' 32.78"	Pereira andesitic porphyry		9.56	0.72	Miocene		Ar–Ar	hornblende	González (2010)
SR018R	4° 52' 39.62"	75° 41' 32.78"	Pereira andesitic porphyry		9.14	0.39	Miocene		Ar–Ar	hornblende	González (2010)
SR018R	4° 52' 39.62"	75° 41' 32.78"	Pereira andesitic porphyry		8.65	0.75	Miocene		Ar–Ar	hornblende	González (2010)
SR033R	5° 21' 7.38"	75° 37' 2.93"	Irra andesitic porphyry	andesite	6.89	0.27	Miocene		Ar–Ar	hornblende	González (2010)
SR033R	5° 21' 7.38"	75° 37' 2.93"	Irra andesitic porphyry	andesite	6.89	0.27	Miocene		Ar–Ar	hornblende	González (2010)
SR033R	5° 21' 7.38"	75° 37' 2.93"	Irra andesitic porphyry	andesite	6.84	0.2	Miocene		Ar–Ar	hornblende	González (2010)
SR033R	5° 21' 7.38"	75° 37' 2.93"	Irra andesitic porphyry	andesite	6.84	0.2	Miocene		Ar–Ar	hornblende	González (2010)
SR033R	5° 21' 7.38"	75° 37' 2.93"	Irra andesitic porphyry	andesite	6.77	0.22	Miocene		Ar–Ar	hornblende	González (2010)
SR033R	5° 21' 7.38"	75° 37' 2.93"	Irra andesitic porphyry	andesite	6.77	0.22	Miocene		Ar–Ar	hornblende	González (2010)
TM–2	5° 36' 20"	75° 41' 47"	Tamesis stock	granodiorite	7.8	0.4	Miocene		K–Ar	biotite	Leal–Mejía (2011)
TM–2	5° 36' 20"	75° 41' 47"	Tamesis stock	granodiorite	7.8	0.4	Miocene		K–Ar	biotite	Leal–Mejía (2011)
TM–3	5° 38' 49.4"	75° 42' 49.7"	Combia Formation	andesite	6.1	1	Miocene		K–Ar	whole rock	Leal–Mejía (2011)
UMN 2978	6° 12' 49.84"	75° 51' 18.17"	Cangrejo	basalt	9.1	0.7	Miocene		K–Ar	whole rock	Restrepo et al. (1981a)
UNM 2947	5° 41' 53.14"	75° 36' 40.3"	La Pintada andesitic porphyry	andesitic porphyry	8	4	Miocene		K–Ar	hornblende	Restrepo et al. (1981a)
WR–150	1° 28' 52.4"	77° 9' 19.95"	Arboledas porphyry	andesitic porphyry	9.9	0.8	Miocene		K–Ar	whole rock	Leal–Mejía (2011)
WR–175	2° 13' 31.5"	76° 45' 53.1"	Cerro Gordo hypabyssal intrusions	porphyry	14	0.3	Miocene		U–Pb LA–MC–ICP–MS	zircon	Leal–Mejía (2011)
WR–234	5° 36' 47.6"	75° 43' 43.2"	Tamesis stock	granodiorite	7.2	0.2	Miocene	ca. 80 and 11–10 Ma	U–Pb LA–MC–ICP–MS	zircon	Leal–Mejía (2011)
WR–234	5° 36' 47.6"	75° 43' 43.2"	Tamesis stock	granodiorite	7.2	0.2	Miocene	ca. 80 and 11–10 Ma	U–Pb LA–MC–ICP–MS	zircon	Leal–Mejía (2011)
WR–66	2° 2' 52.8"	76° 48' 43.6"	Betulia suite	tonalite	11.8	0.2	Miocene		U–Pb LA–MC–ICP–MS	zircon	Leal–Mejía (2011)

**Table 1.** Compilation of published ages of Combia Formation magmatic rocks (*continued*).

Sample code	Latitude N	Longitude W	Geologic Unit	Lithology	Age (Ma)	Error (Ma)	Stratigraphic age	Relict ages	Method	Material/Mineral	Reference
WR-67	2° 2' 43.4"	76° 48' 8.1"	Betulia suite	diorite porphyry	9.2	0.2	Miocene	ca. 80, 60 and 30 Ma	U-Pb LA-MC-ICP-MS	zircon	Leal-Mejía (2011)
WR-68	2° 5' 10.8"	76° 47' 25.3"	Betulia suite	tonalitic porphyry	11.6	0.2	Miocene	ca. 80 and 60 Ma	U-Pb LA-MC-ICP-MS	zircon	Leal-Mejía (2011)
WR-69	6° 4' 4.4"	75° 47' 38.9"	Hypabyssal intrusions	diorite porphyry	7.6	0.3	Miocene		U-Pb LA-MC-ICP-MS	zircon	Leal-Mejía (2011)
IGM 6921	5° 28' 31.8"	75° 36' 3.6"	Marmato	diorite porphyry	6.7	0.06	Miocene		K-Ar	biotite	Tassinari et al. (2008)
SH171217004	5° 0' 12.7"	75° 37' 3.7"	Chinchiná Porphyry	andesitic porphyry	10.435	0.03	Miocene	29–114, 150–254 y 625	U-Pb LA-MC-ICP-MS	zircon	Project "Caracterización Estratigráfica, Petrogenética y Geocronológica de la Formación Combia, Acuerdo Específico No 009–2004"
Jerico-1	5° 48' 31.41"	75° 46' 54.49"	Jerico Porphyry	andesitic porphyry	9.19	0.13	Miocene	18–33, 88–103, hasta 509	U-Pb LA-MC-ICP-MS	zircon	Project "Caracterización Estratigráfica, Petrogenética y Geocronológica de la Formación Combia, Acuerdo Específico No 009–2004"
Taparo 1	5° 59' 16.22"	75° 44' 33.97"	Subvolcanic fragments on lithic sandstone	Subvolcanic fragments	8.45	0.12	Miocene	18–33, 68–93, hasta 289	U-Pb LA-MC-ICP-MS	zircon	Project "Caracterización Estratigráfica, Petrogenética y Geocronológica de la Formación Combia, Acuerdo Específico No 009–2004"
CQM-23B	5° 53' 35.88"	75° 41' 42.36"	Garnet Tuff	Garnet Bearing Tuff	8.2	0.1	Miocene		U-Pb LA-MC-ICP-MS	zircon	Jaramillo et al. (2019)
FCB-03	5° 55' 33.24"	75° 40' 29.64"	Andesitic Dome	Andesitic Dome	7.6	0.1	Miocene	1382–807, 250, 63–58	U-Pb LA-MC-ICP-MS	zircon	Jaramillo et al. (2019)
CAB-10	6° 6' 18.36"	75° 51' 21.96"	Combia Formation	Tuff	8.3	0.2	Miocene	76–71, 10.5	U-Pb LA-MC-ICP-MS	zircon	Jaramillo et al. (2019)
PCF-02	5° 41' 33.72"	75° 36' 1.08"	La Pintada Porphyry	Dacitic Porphyry	5.2	0.2	Miocene	2501, 484–295, 252–210, 191–43	U-Pb LA-MC-ICP-MS	zircon	Jaramillo et al. (2019)
PM-01	5° 32' 47"	75° 34' 48"	Marmato Porphyry	Dacitic Porphyry	6	0.1	Miocene	56, 12.5	U-Pb LA-MC-ICP-MS	zircon	Jaramillo et al. (2019)
LF-01	5° 21' 7.24"	75° 37' 12"	La Felisa Porphyry	Dacitic Porphyry	6.2	0.1	Miocene	1515, 458–339, 295–173, 30, 14–11	U-Pb LA-MC-ICP-MS	zircon	Jaramillo et al. (2019)
NO NAME	5° 58' 14.88"	75° 49' 31.8"	Diabasa La Popala	Tholeiite Diabase	9.5	1.1	Miocene		K-Ar	whole rock	Dalaloye written communication (1980), in Toussaint (1999)
Yarumalito 1	5° 36' 48.24"	75° 38' 40.92"	Yarumalito Porphyry	Andesite Porphyry	7	0.15	Miocene		U-Pb LA-MC-ICP-MS	zircon	Henrichs (2013)
Yarumalito 2	5° 36' 48.24"	75° 38' 40.92"	Yarumalito Porphyry	Diorite Porphyry	6.95	0.16	Miocene		U-Pb LA-MC-ICP-MS	zircon	Henrichs (2013)