

TABLE S2 | List of *cox1* sequences of *Pimelodus* species used for identification of diagnostic SNPs and their location coordinates.

Species	Haplotype	GenBank	River	Department (site)	Coordinate	
<i>Pimelodus grosskopfii</i>	1	ON596146	Cauca River middle sector	Antioquia (Santa Fé de Antioquia)	6°33'11.25919" N	75°48'5.7875" W
<i>Pimelodus grosskopfii</i>	2	ON596147	Cauca River middle sector	Antioquia (Puente Real)	6°30'50.57"N	75°49'4.61"W
<i>Pimelodus grosskopfii</i>	3	ON596148	Cauca River middle sector	Antioquia (El Jardín)	7°44'53.68"N	75°15'32.48"W
<i>Pimelodus yuma</i>	4	ON596149	Magdalena River upper sector	Cundinamarca (Girardot)	4° 17' 06.98"N	74°47' 36.93"W
<i>Pimelodus grosskopfii</i>	5	ON596150	Cauca River upper sector	Valle del Cauca (El Hormiguero)	3°18'59.08866" N	76°28'14.40501" W
<i>Pimelodus grosskopfii</i>	6	ON596151	Cauca River upper sector	Valle del Cauca (El Hormiguero)	3°18'59.08866" N	76°28'14.40501" W
<i>Pimelodus grosskopfii</i>	7	ON596152	Cauca River middle sector	Antioquia (Cáceres)	7°34'57.63"N	75°21'21.24"W
<i>Pimelodus grosskopfii</i>	12	ON596153	Magdalena River upper sector	Huila (El Quimbo)	2°27' 43.67" N	75° 34' 09.77" W
<i>Pimelodus grosskopfii</i>	12	ON596154	Magdalena River upper sector	Huila (El Quimbo)	2°27' 43.67" N	75° 34' 09.77" W
<i>Pimelodus grosskopfii</i>	12	ON596155	Magdalena River middle sector	Caldas (La Dorada)	5°27' 52.32"N	74°39' 46.55"W
<i>Pimelodus grosskopfii</i>	12	ON596156	Magdalena River middle sector	Caldas (La Dorada)	5°27' 52.32"N	74°39' 46.55"W
<i>Pimelodus grosskopfii</i>	12	ON596157	Magdalena River middle sector	Tolima (Honda)	5°12' 09.70"N	74°44' 00.35" W
<i>Pimelodus grosskopfii</i>	12	ON596158	Magdalena River middle sector	Tolima (Honda)	5°12' 09.70"N	74°44' 00.35" W
<i>Pimelodus grosskopfii</i>	12	ON596159	Magdalena River upper sector	Cundinamarca (Girardot)	4° 17' 06.98"N	74°47' 36.93"W
<i>Pimelodus grosskopfii</i>	13	ON596160	Magdalena River upper sector	Cundinamarca (Girardot)	4° 17' 06.98"N	74°47' 36.93"W
<i>Pimelodus grosskopfii</i>	5	ON596161	Cauca River upper sector	Valle del Cauca (El Hormiguero)	3°18'59.08866" N	76°28'14.40501" W
<i>Pimelodus grosskopfii</i>	6	ON596162	Cauca River upper sector	Valle del Cauca (El Hormiguero)	3°18'59.08866" N	76°28'14.40501" W
<i>Pimelodus grosskopfii</i>	12	ON596163	Cauca River upper sector	Valle del Cauca (El Hormiguero)	3°18'59.08866" N	76°28'14.40501" W
<i>Pimelodus grosskopfii</i>	12	ON596164	Cauca River upper sector	Valle del Cauca (El Hormiguero)	3°18'59.08866" N	76°28'14.40501" W
<i>Pimelodus yuma</i>	12	ON596165	Magdalena River middle sector	Caldas (La Dorada)	5°27' 52.32"N	74°39' 46.55"W
<i>Pimelodus yuma</i>	4	ON596166	Magdalena River middle sector	Caldas (La Dorada)	5°27' 52.32"N	74°39' 46.55"W
<i>Pimelodus yuma</i>	14	ON596167	Magdalena River middle sector	Tolima (Honda)	5°12' 09.70"N	74°44' 00.35" W
<i>Pimelodus yuma</i>	4	ON596168	Magdalena River middle sector	Tolima (Honda)	5°12' 09.70"N	74°44' 00.35" W
<i>Pimelodus yuma</i>	4	ON596169	Magdalena River upper sector	Cundinamarca (Girardot)	4° 17' 06.98"N	74°47' 36.93"W
<i>Pimelodus yuma</i>	16	ON596170	Magdalena River upper sector	Cundinamarca (Girardot)	4° 17' 06.98"N	74°47' 36.93"W
<i>Pimelodus yuma</i>	4	OK206803	Cauca River middle sector	Antioquia (Cáceres)	7°34'57.63"N	75°21'21.24"W
<i>Pimelodus grosskopfii</i>	7	OK206739	Cauca River lower sector	Bolívar (Achí)	8°34'8.169" N	74°33'10.869" W



TABLE S2 | (Continued)

Species	Haplotype	GenBank	River	Department (site)	Coordinate	
<i>Pimelodus yuma</i>	8	OK206761	Cauca River lower sector	Sucre (Guaranda)	8° 28'15.474" N	74°32'3.127" W
<i>Pimelodus grosskopfii</i>	9	OK206705	Cauca River middle sector	Antioquia (Santa Fé de Antioquia)	6°33'11.25919" N	75°48'5.7875" W
<i>Pimelodus grosskopfii</i>	10	OK206706	Cauca River middle sector	Antioquia (Santa Fé de Antioquia)	6°33'11.25919" N	75°48'5.7875" W
<i>Pimelodus grosskopfii</i>	11	OK206726	Cauca River lower sector	Antioquia (Barrio Chino)	8°0'35.291" N	75°5'38.937" W
<i>Pimelodus grosskopfii</i>	11	OK206728	Cauca River lower sector	Antioquia (La Ilusión flood plain)	8° 1'14.47"N	75° 5'26.84"W
<i>Pimelodus grosskopfii</i>	12	OK206800	Cauca River upper sector	Valle del Cauca (El Hormiguero)	3°18'59.08866" N	76°28'14.40501" W
<i>Pimelodus yuma</i>	14	OK206804	Cauca River middle sector	Antioquia (Cáceres)	7°34'57.63"N	75°21'21.24"W



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