TABLE S1 | All samples used in this study, their origin, price, molecular identification and mislabeling status. Sample codification: CA = *Cação* (shark); LI = *Linguado* (flatfish); ME = *Merluza* (hake); AM or M = Sample. Mislabeled samples are emboldened.

Sample ID	Label	Vendor (type)	Price/kg (R$)	Pack number	Identification in BOLD (similarity %)	Identification in GenBank (similarity %) accession number	Mislabeled	Federal Inspection Service stamp (SIF)
CA_AM01	Cação	Supermarket	53,89	1	*Prionace glauca* (100%)	*Prionace glauca* (98%) KP192409	No	Yes
CA_AM02	Cação Azul (*Prionace glauca*)	Supermarket	27,60	2	*Prionace glauca* (100%)	*Prionace glauca* (99%) KP192409	No	Yes
CA_AM03	Cação	Fishmonger	19,90	3	*Prionace glauca* (99%)	*Prionace glauca* (98%) DQ108288	No	No
CA_AM04	Cação	Fishmonger	19,90	4	*Prionace glauca* (99%)	*Prionace glauca* (98%) KP719449	No	No
CA_AM05	Cação Azul (*Prionace glauca*)	Supermarket	19,99	5	*Prionace glauca* (99.82%)	*Prionace glauca* (99%) KF597030	No	Yes
CA_AM06	Cação	Supermarket	29,39	6	*Prionace glauca* (100%)	*Prionace glauca* (100%) KP719867	No	Yes
CA_AM07	Cação Azul (*Prionace glauca*)	Supermarket	32,70	7	*Prionace glauca* (100%)	*Prionace glauca* (99%) KP192409	No	Yes
CA_AM08	Cação	Supermarket	20,80	8	*Prionace glauca* (100%)	*Prionace glauca* (99%) KF597030	No	Yes
CA_AM09	Cação Azul (*Prionace glauca*)	Supermarket	17,80	9	*Prionace glauca* (99.82%)	*Prionace glauca* (99%) KP719867	No	Yes
CA_AM10	Cação	Fishmonger	24,90	10	*Prionace glauca* (99.82%)	*Prionace glauca* (99%) KP192409	No	No
CA_AM11	Cação	Fishmonger	21,90	11	*Prionace glauca* (99%)	*Prionace glauca* (98%) KP719430	No	No
CA_AM12	Cação	Fishmonger	25,90	12	*Prionace glauca* (99%)	*Prionace glauca* (98%) KP719882	No	No
CA_AM13	Cação	Fishmonger	24,00	13	*Prionace glauca* (99%)	*Prionace glauca* (99%) KJ146044	No	No
CA_AM14	Cação Azul (*Prionace glauca*)	Supermarket	17,90	14	*Prionace glauca* (99%)	*Prionace glauca* (99%) KJ146044	No	Yes
CA_AM15	Cação	Supermarket	27,60	15	*Prionace glauca* (100%)	*Prionace glauca* (99%) KP192409	No	Yes
CA_AM16	Cação	Fishmonger	19,90	16	*Prionace glauca* (100%)	*Prionace glauca* (99%) KF597030	No	No
CA_AM17	Cação	Fishmonger	24,90	17	*Prionace glauca* (99%)	*Prionace glauca* (99%) KJ146044	No	No
CA_AM20	Cação	Fishmonger	15,95	18	*Prionace glauca* (100%)	*Prionace glauca* (99%) KJ146042	No	No
CA_AM21	Cação	Fishmonger	19,90	19	*Prionace glauca* (100%)	*Prionace glauca* (99%) KP192409	No	No
CA_AM22	Cação	Fishmonger	16,90	20	*Prionace glauca* (99.60%)	*Prionace glauca* (99.73%) MH719984	No	No
CA_AM23	Cação	Fishmonger	19,99	21	*Prionace glauca* (99%)	*Prionace glauca* (99%) KJ146044	No	No
CA_AM24	Cação	Fishmonger	15,90	22	*Prionace glauca* (99.81%)	*Prionace glauca* (99%) KP192409	No	No
CA_AM25	Cação	Fishmonger	17,90	23	*Prionace glauca* (99%)	*Prionace glauca* (99%) KJ146044	No	No
CA_AM26	Cação	Supermarket	14,98	24	*Prionace glauca* (100%)	*Prionace glauca* (98%) KF597030	No	Yes
CA_AM27	Cação	Fishmonger	15,95	25	*Prionace glauca* (99%)	*Prionace glauca* (100%) KP193159	No	No
CA_AM28	Cação Azul (*Prionace glauca*)	Supermarket	39,80	26	*Prionace glauca* (99.84%)	*Prionace glauca* (99%) KP192409	No	Yes

TABLE S1 | (Continued)

Sample ID	Label	Vendor (type)	Price/kg (R$)	Pack number	Identification in BOLD (similarity %)	Identification in GenBank (similarity %) accession number	Mislabeled	Federal Inspection Service stamp (SIF)
CA_AM29	Cação	Supermarket	17,39	27	*Prionace glauca* (99.84%)	*Prionace glauca* (100%) KP719867	No	Yes
CA_AM30	Cação	Supermarket	19,90	28	*Prionace glauca* (99.84%)	*Prionace glauca* (99%) KP192409	No	Yes
CA_AM35	Cação	Fishmonger	19,90	29	*Carcharhinus leucas* (99%)	*Carcharhinus leucas* (99%) KF646785	No	No
CA_AM36	Cação	Fishmonger	17,90	30	*Prionace glauca* (100%)	*Prionace glauca* (99%) KP192409	No	No
CA_AM37	Cação	Fishmonger	19,90	31	*Prionace glauca* (99%)	*Prionace glauca* (99%) KP719881	No	No
CA_AM38	Cação Azul (*Prionace glauca*)	Fishmonger	17,80	32	*Prionace glauca* (99%)	*Prionace glauca* (99%) KJ146044	No	No
CA_AM39	Cação	Fishmonger	14,90	33	*Prionace glauca* (100%)	*Prionace glauca* (100%) KF597030	No	No
CA_AM40	Cação	Fishmonger	15,90	34	*Prionace glauca* (99%)	*Prionace glauca* (99%) KF356249	No	No
CA_AM41	Cação	Fishmonger	16,90	35	*Prionace glauca* (100%)	*Prionace glauca* (99%) KP192409	No	No
CA_AM42	Cação	Fishmonger	14,70	36	*Prionace glauca* (99.26%)	*Prionace glauca* (98%) KP192409	No	No
CA_AM43	Cação	Fishmonger	19,00	37	*Prionace glauca* (99%)	*Prionace glauca* (99%) KJ146044	No	No
CA_AM44	Cação Azul (*Prionace glauca*)	Supermarket	33,60	38	*Prionace glauca* (100%)	*Prionace glauca* (99%) KP192409	No	Yes
CA_AM45	Cação Azul (*Prionace glauca*)	Supermarket	33,60	39	*Prionace glauca* (99%)	*Prionace glauca* (100%) KP193159	No	Yes
CA_AM46	Cação Azul (*Prionace glauca*)	Supermarket	17,80	40	*Prionace glauca* (99%)	*Prionace glauca* (99%) KJ146044	No	Yes
CA_AM47	Cação Azul (*Prionace glauca*)	Supermarket	33,96	41	*Prionace glauca* (99%)	*Prionace glauca* (99%) KJ146044	No	Yes
CA_AM48	Cação	Fishmonger	23,20	42	*Prionace glauca* (99%)	*Prionace glauca* (98%) KC015830	No	No
CA_AM49	Cação	Fishmonger	16,90	43	*Prionace glauca* (99%)	*Prionace glauca* (99%) KJ146044	No	No
CA_AM50	Cação	Fishmonger	15,90	44	*Prionace glauca* (99%)	*Prionace glauca* (99%) KJ146044	No	No
CA_AM51	Cação Azul (*Prionace glauca*)	Supermarket	25,96	45	*Prionace glauca* (100%)	*Prionace glauca* (99%) KP192409	No	Yes
CA_AM52	Cação Azul (*Prionace glauca*)	Supermarket	32,78	46	*Prionace glauca* (100%)	*Prionace glauca* (99%) KF597030	No	Yes
CA_AM53	Cação	Supermarket	36,38	47	*Prionace glauca* (99%)	*Prionace glauca* (98%) KP193350	No	Yes
CA_AM54	Cação	Fishmonger	15,00	48	*Prionace glauca* (99%)	*Prionace glauca* (99%) KJ146044	No	No
CA_AM55	Cação	Fishmonger	20,00	49	*Prionace glauca* (99%)	*Prionace glauca* (99%) KJ146044	No	No
CA_AM56	Cação Azul (*Prionace glauca*)	Supermarket	25,38	50	*Prionace glauca* (99.84%)	*Prionace glauca* (100%) KP719867	No	Yes
CA_AM58	Cação Azul (*Prionace glauca*)	Supermarket	17,80	51	*Prionace glauca* (100%)	*Prionace glauca* (100%) MH719984	No	Yes

TABLE S1 | (Continued)

Sample ID	Label	Vendor (type)	Price/kg (R$)	Pack number	Identification in BOLD (similarity %)	Identification in GenBank (similarity %) accession number	Mislabeled	Federal Inspection Service stamp (SIF)
CA_AM59	Cação	Fishmonger	19,00	52	*Prionace glauca* (100%)	*Prionace glauca* (100%) MH194484	No	No
CA_AM60	Cação	Fishmonger	26,50	53	*Prionace glauca* (100%)	*Prionace glauca* (100%) MH719984	No	No
CA_AM61	Cação	Fishmonger	17,00	54	*Prionace glauca* (100%)	*Prionace glauca* (100%) MH719984	No	No
CA_AM62	Cação	Fishmonger	28,00	55	*Prionace glauca* (100%)	*Prionace glauca* (99%) MH194484	No	No
CA_AM63	**Cação**	Fishmonger	17,00	56	***Brachyplatystoma vaillantii* (98,90%)**	***Brachyplatystoma vaillantii* (100%) KT952409**	**Yes**	**No**
CA_AM64	Cação	Fishmonger	18,00	57	*Prionace glauca* (100%)	*Prionace glauca* (99%) MH194481	No	No
CA_AM65	Cação Uruguai	Supermarket	25,10	58	*Prionace glauca* (100%)	*Prionace glauca* (100%) MH719950	No	Yes
CA_AM66	Cação	Supermarket	18,37	59	*Prionace glauca* (100%)	*Prionace glauca* (100%) MH719984	No	Yes
CA_AM67	Cação	Supermarket	27,27	60	*Prionace glauca* (100%)	*Prionace glauca* (100%) MH719921	No	Yes
CA_AM68	Cação	Fishmonger	19,90	61	*Prionace glauca* (100%)	*Prionace glauca* (100%) MH719984	No	No
CA_AM69	Cação	Fishmonger	24,91	62	*Prionace glauca* (100%)	*Prionace glauca* (100%)	No	No
CA_AM70	Cação (*Prionace glauca*)	Supermarket	11,27	63	*Prionace glauca* (100%)	*Prionace glauca* (100%) MH719984	No	Yes
CA_AM71	Cação	Fishmonger	26,90	64	*Carcharhinus acronotus* (100%)	*Carcharhinus acronotus* (100%) MH911288	No	No
CA_AM72	Cação	Fishmonger	20,00	65	*Prionace glauca* (100%)	*Prionace glauca* (100%) MH719984	No	No
CA_AM73	Cação (*Prionace glauca*)	Supermarket	25,80	66	*Prionace glauca* (100%)	*Prionace glauca* (100%) MH719984	No	Yes
LI_AM01	Linguado	Supermarket	24,29	15	*Paralichthys isosceles* (99.84%)	*Paralichthys isosceles* (99.84%)	No	Yes
LI_AM02	Linguado	Supermarket	24,29	1	*Paralichthys isosceles* (99.34%)	*Paralichthys isosceles* (99.34%)	No	Yes
LI_AM03	Linguado	Supermarket	24,29	1	***Xystreurys rasile* (99.52%)**	***Xystreurys rasile* (99.52%)**	**Yes**	**Yes**
LI_AM04	Linguado	Supermarket	24,29	1	*Paralichthys isosceles* (99.68%)	*Paralichthys isosceles* (99.68%)	No	Yes
LI_AM05	Linguado	Supermarket	24,29	15	***Xystreurys rasile* (99.52%)**	***Xystreurys rasile* (99.52%)**	**Yes**	**Yes**
LI_AM06	Linguado	Supermarket	24,29	1	*Paralichthys isosceles* (98.92%)	*Paralichthys isosceles* (99.67%)	No	Yes
LI_AM07	Linguado	Supermarket	24,29	15	***Xystreurys rasile* (100%)**	***Xystreurys rasile* (100%)**	**Yes**	**Yes**
LI_AM08	Linguado	Supermarket	24,29	15	*Paralichthys isosceles* (100%)	*Paralichthys isosceles* (98.97%)	No	Yes
LI_AM09	Linguado	Supermarket	24,29	15	*Paralichthys isosceles* (99.84%)	*Paralichthys isosceles* (99.84%)	No	Yes
LI_AM10	Linguado	Supermarket	24,29	15	*Paralichthys isosceles* (100%)	*Paralichthys isosceles* (99.84%)	No	Yes
LI_AM11	Linguado	Supermarket	24,29	15	*Paralichthys isosceles* (99.84%)	*Paralichthys isosceles* (99.52%)	No	Yes
LI_AM12	Linguado	Supermarket	24,29	15	*Paralichthys isosceles* (100%)	*Paralichthys isosceles* (100%)	No	Yes
LI_AM13	Linguado	Supermarket	24,29	15	*Paralichthys isosceles* (99.68%)	*Paralichthys isosceles* (99.68%)	No	Yes

TABLE S1 | (Continued)

Sample ID	Label	Vendor (type)	Price/kg (R$)	Pack number	Identification in BOLD (similarity %)	Identification in GenBank (similarity %) accession number	Mislabeled	Federal Inspection Service stamp (SIF)
LI_AM14	Linguado	Supermarket	24,29	1	*Paralichthys isosceles* (99.69%)	*Paralichthys isosceles* (99.36%)	No	Yes
LI_AM15	Linguado	Supermarket	24,29	15	*Paralichthys isosceles* (N/A)	*Paralichthys isosceles* (975%)	No	Yes
LI_AM16	Linguado	Supermarket	24,29	1	*Paralichthys isosceles* (100%)	*Paralichthys isosceles* (100%)	No	Yes
LI_AM17	Linguado	Supermarket	24,29	15	***Xystreurys rasile* (97.75%)**	***Xystreurys rasile* (97.61%)**	**Yes**	**Yes**
LI_AM18	Linguado	Supermarket	30,90	2	*Paralichthys isosceles* (99.84%)	*Paralichthys isosceles* (98.85%)	No	Yes
LI_AM19	Linguado	Supermarket	30,90	16	*Paralichthys isosceles* (100%)	*Paralichthys isosceles* (100%)	No	Yes
LI_AM20	Linguado	Supermarket	30,90	16	*Paralichthys isosceles* (99.68%)	*Paralichthys isosceles* (99.68%)	No	Yes
LI_AM21	Linguado	Supermarket	30,90	2	*Paralichthys isosceles* (99.84%)	*Paralichthys isosceles* (99.52%)	No	Yes
LI_AM22	Linguado	Supermarket	30,90	2	*Paralichthys isosceles* (98.28%)	*Paralichthys isosceles* (98.95%)	No	Yes
LI_AM23	Linguado	Supermarket	30,90	16	*Paralichthys isosceles* (100%)	*Paralichthys isosceles* (100%)	No	Yes
LI_AM25	Linguado	Supermarket	30,90	16	*Paralichthys isosceles* (99.68%)	*Paralichthys isosceles* (99.68%)	No	Yes
LI_AM27	Linguado	Supermarket	30,90	2	*Paralichthys isosceles* (99.86%)	*Paralichthys isosceles* (99.66%)	No	Yes
LI_AM28	Linguado	Supermarket	30,90	16	***Xystreurys rasile* (100%)**	***Xystreurys rasile* (100%)**	**Yes**	**Yes**
LI_AM29	Linguado	Supermarket	30,90	2	*Paralichthys isosceles* (100%)	*Paralichthys isosceles* (100%)	No	Yes
LI_AM30	Linguado	Supermarket	30,90	16	***Xystreurys rasile* (97.49%)**	***Xystreurys rasile* (983%)**	**Yes**	**Yes**
LI_AM31	Linguado	Supermarket	28,80	3	*Paralichthys patagonicus* (99.84%)	*Paralichthys patagonicus* (99.84%)	No	Yes
LI_AM32	Linguado	Supermarket	28,80	3	*Paralichthys patagonicus* (99.68%)	*Paralichthys patagonicus* (99.68%)	No	Yes
LI_AM33	Linguado	Supermarket	28,80	3	*Paralichthys patagonicus* (100%)	*Paralichthys patagonicus* (100%)	No	Yes
LI_AM34	Linguado	Supermarket	56,29	17	*Paralichthys patagonicus* (100%)	*Paralichthys patagonicus* (100%)	No	Yes
LI_AM35	Linguado	Supermarket	56,29	4	*Paralichthys patagonicus* (100%)	*Paralichthys patagonicus* (99.84%)	No	Yes
LI_AM36	Linguado	Supermarket	56,29	4	*Paralichthys patagonicus* (100%)	*Paralichthys patagonicus* (100%)	No	Yes
LI_AM37	Linguado	Supermarket	56,29	4	*Paralichthys patagonicus* (99.84%)	*Paralichthys patagonicus* (99.68%)	No	Yes
LI_AM38	Linguado	Supermarket	56,29	4	*Paralichthys patagonicus* (99.17%)	*Paralichthys patagonicus* (99.39%)	No	Yes
LI_AM39	Linguado	Supermarket	56,29	17	*Paralichthys patagonicus* (99.68%)	*Paralichthys patagonicus* (99.68%)	No	Yes
LI_AM40	Linguado	Supermarket	56,29	17	*Paralichthys patagonicus* (N/A)	*Paralichthys patagonicus* (96.48%)	No	Yes
LI_AM41	Linguado	Supermarket	56,29	17	*Paralichthys patagonicus* (100%)	*Paralichthys patagonicus* (99.68%)	No	Yes
LI_AM42	Linguado	Supermarket	56,29	17	*Paralichthys patagonicus* (99.84%)	*Paralichthys patagonicus* (99.68%)	No	Yes
LI_AM43	Linguado	Supermarket	56,29	17	*Paralichthys patagonicus* (99.83%)	*Paralichthys patagonicus* (99.68%)	No	Yes
LI_AM44	Linguado	Supermarket	56,29	4	*Paralichthys patagonicus* (100%)	*Paralichthys patagonicus* (100%)	No	Yes

TABLE S1 | (Continued)

Sample ID	Label	Vendor (type)	Price/kg (R$)	Pack number	Identification in BOLD (similarity %)	Identification in GenBank (similarity %) accession number	Mislabeled	Federal Inspection Service stamp (SIF)
LI_AM45	Linguado	Supermarket	56,29	4	*Paralichthys patagonicus* (99.35%)	*Paralichthys patagonicus* (999%)	No	Yes
LI_AM46	Linguado	Supermarket	-	5	*Paralichthys patagonicus* (99.84%)	*Paralichthys patagonicus* (99.84%)	No	Yes
LI_AM47	Linguado	Supermarket	-	5	*Paralichthys patagonicus* (99.68%)	*Paralichthys patagonicus* (99.68%)	No	Yes
LI_AM48	Linguado	Supermarket	-	5	*Paralichthys patagonicus* (99.84%)	*Paralichthys patagonicus* (99.84%)	No	Yes
LI_AM49	Linguado	Fishmonger	24,99	6	*Paralichthys isosceles* (99.54%)	*Paralichthys isosceles* (99.68%)	No	No
LI_AM50	Linguado	Fishmonger	24,99	6	*Paralichthys isosceles* (99.69%)	*Paralichthys isosceles* (99.68%)	No	No
LI_AM51	Linguado	Fishmonger	24,99	6	*Paralichthys isosceles* (100%)	*Paralichthys isosceles* (100%)	No	No
LI_AM52	Linguado	Fishmonger	24,90	7	*Paralichthys patagonicus* (100%)	*Paralichthys patagonicus* (100%)	No	No
LI_AM53	Linguado	Fishmonger	24,90	7	***Xystreurys rasile* (99.38%)**	***Xystreurys rasile* (99.36%)**	**Yes**	**No**
LI_AM54	Linguado	Fishmonger	24,90	7	***Xystreurys rasile* (100%)**	***Xystreurys rasile* (100%)**	**Yes**	**No**
LI_AM55	Linguado	Fishmonger	24,90	7	***Xystreurys rasile* (100%)**	***Xystreurys rasile* (100%)**	**Yes**	**No**
LI_AM56	Linguado	Fishmonger	24,90	7	*Paralichthys isosceles (99.85%)*	*Paralichthys isosceles* (100%)	No	No
LI_AM57	Linguado	e-commerce	51,20	8	*Paralichthys patagonicus* (100%)	*Paralichthys patagonicus* (100%)	No	No
LI_AM58	Linguado	e-commerce	38,80	8	*Paralichthys patagonicus* (100%)	*Paralichthys patagonicus* (100%)	No	No
LI_AM59	Linguado	e-commerce	38,80	8	*Paralichthys patagonicus* (100%)	*Paralichthys patagonicus* (100%)	No	No
LI_AM60	Linguado	e-commerce	45,90	9	*Paralichthys patagonicus* (100%)	*Paralichthys patagonicus* (100%)	No	No
LI_AM61	Linguado	e-commerce	45,90	9	*Paralichthys patagonicus* (100%)	*Paralichthys patagonicus* (100%)	No	No
LI_AM62	Linguado	e-commerce	45,90	9	*Paralichthys patagonicus* (100%)	*Paralichthys patagonicus* (100%)	No	No
LI_AM63	Linguado	e-commerce	45,90	9	*Paralichthys patagonicus* (99.85%)	*Paralichthys patagonicus* (99.68%)	No	No
LI_AM64	Linguado	e-commerce	29,90	10	***Xystreurys rasile* (100%)**	***Xystreurys rasile* (100%)**	**Yes**	**No**
LI_AM65	Linguado	e-commerce	29,90	10	*Paralichthys isosceles* (99.53%)	*Paralichthys isosceles* (99.36%)	No	No
LI_AM66	Linguado	e-commerce	29,90	10	*Paralichthys isosceles* (99.69%)	*Paralichthys isosceles* (99.68%)	No	No
LI_AM67	Linguado	e-commerce	29,90	10	*Paralichthys patagonicus* (100%)	*Paralichthys patagonicus* (100%)	No	No
LI_AM68	Linguado	e-commerce	29,90	10	*Paralichthys isosceles* (100%)	*Paralichthys isosceles* (100%)	No	No
LI_AM69	Linguado	e-commerce	29,90	10	*Paralichthys patagonicus* (100%)	*Paralichthys patagonicus* (100%)	No	No
LI_AM70	Linguado	e-commerce	29,90	10	***Xystreurys rasile* (100%)**	***Xystreurys rasile* (100%)**	**Yes**	**No**
LI_AM71	Linguado	e-commerce	29,90	10	*Paralichthys isosceles* (99.23%)	*Paralichthys isosceles* (99.23%)	No	No
LI_AM72	Linguado	e-commerce	29,90	10	*Paralichthys isosceles* (99.39%)	*Paralichthys isosceles* (99.38%)	No	No
LI_AM75	Linguado	e-commerce	39,90	12	*Paralichthys patagonicus* (99.85%)	*Paralichthys patagonicus* (99.85%)	No	No

TABLE S1 | (Continued)

Sample ID	Label	Vendor (type)	Price/kg (R$)	Pack number	Identification in BOLD (similarity %)	Identification in GenBank (similarity %) accession number	Mislabeled	Federal Inspection Service stamp (SIF)
LI_AM76	Linguado	e-commerce	39,90	12	*Paralichthys patagonicus* (100%)	*Paralichthys patagonicus* (100%)	No	No
LI_AM77	Linguado	e-commerce	39,90	12	*Paralichthys patagonicus* (100%)	*Paralichthys patagonicus* (100%)	No	No
LI_AM78	Linguado	e-commerce	39,90	12	*Paralichthys patagonicus* (100%)	*Paralichthys patagonicus* (100%)	No	No
LI_AM79	Linguado	e-commerce	43,00	13	*Paralichthys patagonicus* (100%)	*Paralichthys patagonicus* (100%)	No	No
LI_AM80	Linguado	e-commerce	43,00	13	*Paralichthys patagonicus* (100%)	*Paralichthys patagonicus* (100%)	No	No
ME_M01	Merluza	Supermarket	16,98	1	*Merluccius gayi* (100%)	*Merluccius gayi* (100%)	No	Yes
ME_M02	Merluza	Supermarket	16,98	1	*Merluccius gayi* (100%)	*Merluccius gayi* (100%)	No	Yes
ME_M03	Merluza	Supermarket	16,98	1	*Merluccius gayi* (100%)	*Merluccius gayi* (100%)	No	Yes
ME_M04	Merluza	Supermarket	16,98	1	*Merluccius gayi* (100%)	*Merluccius gayi* (99%)	No	Yes
ME_M05	Merluza	Supermarket	24,90	2	*Merluccius hubbsi* (99%)	*Merluccius hubbsi* (99%)	No	Yes
ME_M06	Merluza	Supermarket	24,90	2	*Merluccius hubbsi* (100%)	*Merluccius hubbsi* (99%)	No	Yes
ME_M07	Merluza	Supermarket	24,90	2	*Merluccius hubbsi* (99%)	*Merluccius hubbsi* (98%)	No	Yes
ME_M08	Merluza	Supermarket	24,90	2	*Merluccius hubbsi* (99%)	*Merluccius hubbsi* (98%)	No	Yes
ME_M10	Merluza	Supermarket	25,00	3	*Merluccius hubbsi* (100%)	*Merluccius hubbsi* (100%)	No	Yes
ME_M11	Merluza	Supermarket	25,00	3	*Merluccius hubbsi* (98%)	*Merluccius hubbsi* (99%)	No	Yes
ME_M13	Merluza	Supermarket	25,00	3	*Merluccius hubbsi* (99%)	*Merluccius hubbsi* (100%)	No	Yes
ME_M14	Merluza	Supermarket	25,00	3	*Merluccius hubbsi* (100%)	*Merluccius hubbsi* (100%)	No	Yes
ME_M15	Merluza	Supermarket	25,00	3	*Merluccius hubbsi* (100%)	*Merluccius hubbsi* (100%)	No	Yes
ME_M16	Merluza	Supermarket	25,00	3	*Merluccius hubbsi* (100%)	*Merluccius hubbsi* (99%)	No	Yes
ME_M19	Merluza	Supermarket	12,90	4	*Merluccius hubbsi* (100%)	*Merluccius hubbsi* (99%)	No	Yes
ME_M22	Merluza	Supermarket	14,90	5	*Merluccius productus* (100%)	*Merluccius productus* (100%)	No	Yes
ME_M25	Merluza	Supermarket	16,98	5	*Merluccius hubbsi* (100%)	*Merluccius hubbsi* (100%)	No	Yes
ME_M26	Merluza	Supermarket	16,98	6	*Merluccius hubbsi* (100%)	*Merluccius hubbsi* (100%)	No	Yes
ME_M27	Merluza	Supermarket	19,90	7	*Merluccius productus* (100%)	*Merluccius productus* (100%)	No	Yes
ME_M28	Merluza	Supermarket	19,90	7	*Merluccius productus* (100%)	*Merluccius productus* (100%)	No	Yes
ME_M29	Merluza	Supermarket	19,90	7	*Merluccius productus* (100%)	*Merluccius productus* (100%)	No	Yes
ME_M30	Merluza	Supermarket	19,90	7	*Merluccius productus* (100%)	*Merluccius productus* (100%)	No	Yes
ME_M31	Merluza	Supermarket	19,90	7	*Merluccius productus* (100%)	*Merluccius productus* (100%)	No	Yes
ME_M32	Merluza	Supermarket	19,90	7	*Merluccius productus* (100%)	*Merluccius productus* (100%)	No	Yes
ME_M33	Merluza	Supermarket	24,90	8	*Merluccius productus* (99%)	*Merluccius productus* (99%)	No	Yes
ME_M35	Merluza	Supermarket	24,90	8	*Merluccius productus* (98%)	*Merluccius productus* (98%)	No	Yes
ME_M38	Merluza	Supermarket	24,90	8	*Merluccius productus* (100%)	*Merluccius productus* (100%)	No	Yes

TABLE S1 | (Continued)

Sample ID	Label	Vendor (type)	Price/kg (R$)	Pack number	Identification in BOLD (similarity %)	Identification in GenBank (similarity %) accession number	Mislabeled	Federal Inspection Service stamp (SIF)
ME_M40	Merluza	Supermarket	-	9	*Merluccius hubbsi* (99%)	*Merluccius hubbsi* (99%)	No	Yes
ME_M43	Merluza	Supermarket	-	9	*Merluccius hubbsi* (98%)	*Merluccius hubbsi* (98%)	No	Yes
ME_M45	Merluza	Supermarket	-	9	*Merluccius hubbsi* (98%)	*Merluccius hubbsi* (97%)	No	Yes
ME_M47	Merluza	Supermarket	-	9	*Merluccius hubbsi* (99%)	*Merluccius hubbsi* (98%)	No	Yes
ME_M50	Merluza	Supermarket	-	10	*Merluccius hubbsi* (99%)	*Merluccius hubbsi* (99%)	No	Yes
ME_M52	Merluza	Supermarket	9,90	11	*Merluccius productus* (100%)	*Merluccius productus* (99%)	No	Yes
ME_M53	Merluza	Supermarket	9,90	11	*Merluccius productus* (100%)	*Merluccius productus* (99%)	No	Yes
ME_M54	Merluza	Supermarket	9,90	11	*Merluccius hubbsi* (98%)	*Merluccius hubbsi* (98%)	No	Yes
ME_M56	Merluza	Supermarket	8,90	12	*Merluccius hubbsi* (98%)	*Merluccius hubbsi* (98%)	No	Yes
ME_M57	Merluza	Supermarket	8,90	12	*Merluccius hubbsi* (98%)	*Merluccius hubbsi* (98%)	No	Yes
ME_M62	**Merluza**	**Fishmonger**	14,90	13	***Hypophthalmus marginatus* (100%)**	***Hypophthalmus marginatus* (98%)**	**Yes**	**No**
ME_M63	**Merluza**	**Fishmonger**	14,90	13	***Hypophthalmus marginatus* (99%)**	***Hypophthalmus marginatus* (98%)**	**Yes**	**No**
ME_M64	**Merluza**	**Fishmonger**	14,90	13	***Hypophthalmus marginatus* (98%)**	***Hypophthalmus marginatus* (98%)**	**Yes**	**No**
ME_M65	**Merluza**	**Fishmonger**	14,90	13	***Hypophthalmus marginatus* (99%)**	***Hypophthalmus marginatus* (98%)**	**Yes**	**No**
ME_M66	**Merluza**	**Fishmonger**	14,90	13	***Hypophthalmus marginatus* (98%)**	***Hypophthalmus marginatus* (98%)**	**Yes**	**No**
ME_M68	Merluza	Fishmonger	19,90	14	*Merluccius gayi* (100%)	*Merluccius gayi* (98%)	No	No
ME_M69	Merluza	Fishmonger	24,90	15	*Merluccius hubbsi* (99%)	*Merluccius hubbsi* (99%)	No	No
ME_M70	Merluza	Fishmonger	24,90	16	*Merluccius hubbsi* (99%)	*Merluccius hubbsi* (99%)	No	No
ME_M71	Merluza	Fishmonger	24,90	16	*Merluccius hubbsi* (99%)	*Merluccius hubbsi* (98%)	No	No
ME_M73	Merluza	Fishmonger	19,90	17	*Merluccius hubbsi* (99%)	*Merluccius hubbsi* (99%)	No	No
ME_M74	Merluza	Fishmonger	19,90	17	*Merluccius hubbsi* (100%)	*Merluccius hubbsi* (100%)	No	No
ME_M77	Merluza	Fishmonger	19,90	17	*Merluccius hubbsi* (100%)	*Merluccius hubbsi* (99%)	No	No

Neotropical Ichthyology

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SBI Official Journal of the Sociedade Brasileira de Ictiologia

HOW TO CITE THIS ARTICLE

- **Ready J, Falcão L, Araujo C, Pardinho B, Guimarães N, Freitas L, Sales JBL, Mendes IS, Carvalho DC.** Different trade patterns and inspection rates along with the use of umbrella terms results in variable patterns of substitution in shark, hake, and flatfish sold in Minas Gerais, Brazil. Neotrop Ichthyol. 2026; 24(3):e250030. https://doi.org/10.1590/1982-0224-2025-0030