

Supplementary Materials: Amino Acid Variation at the Mitochondrial Binding Site of Antimycin A Is Proposed to Reflect Sensitivity and Toxicity Differences among Fish Species

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Table S2. Within each fish species, the occurrence of amino acid variation (Intraspecies Variation = Intra) per motif is noted. Inter-species variation (Inter) reflects the occurrence of variation from CCM as compared to all fish species with that complete motif.

	Common Carp (n=203) ¹			Bighead Carp (n=48)			Silver Carp (n=122)			Grass Carp (n=96)			Black Carp (n=46)			Channel Catfish (n=14)		
Motif	n ³	Intra	Inter	n	Intra	Inter	n	Intra	Inter	n	Intra	Inter	n	Intra	Inter	n	Intra	Inter
¹⁵ DALVD ₃₃ (n=709) ²	157	4.46	0.99	47	2.13	0.14	111	0.90	0.14	94	0	0	45	0	0	31	0	4.37
³³ GSLGLC ₁₉₅ (n=739)	175	3.43	0.81	47	0	0	119	0	0	95	0	0	46	0	0	31	3.23	4.06
¹⁹⁵ HLLF ₂₀₃ (n=635)	125	0	0	46	0	0	116	0	0	95	0	0	42	0	0	25	4	3.78
²⁰³ GSNN ₂₁₈ (n=650)	141	0	0	46	0	0	116	0	0	95	0	0	42	0	0	25	0	0
²¹⁸ SFHP ₁₂₆ (n=652)	141	0	0	47	0	0	118	0	0	95	0	0	42	0	0	25	0	0
¹²⁶ KDLL ₃₈₀ (n=652)	141	0	0	47	0	0	118	0	0	95	0	0	42	0	0	25	0	0
	Bluegill (n=20)			Fathead Minnow (n=38)			Walleye (n=71)			Yellow Perch (n=41)			Tilapia (n=49)			American Gizzard Shad (n=10)		
	n	Intra	Inter	n	Intra	Inter	n	Intra	Inter	n	Intra	Inter	n	Intra	Inter	n	Intra	Inter
¹⁵ DALVD ₃₃ (n=709)	18	0	0	37	21.62	4.09	71	0	0	41	4.88	5.78	47	2.13	0.14	10	0	0
³³ GSLGLC ₁₉₅ (n=739)	18	0	0	38	2.63	0.14	71	0	0	41	0	0	48	0	0	10	0	0
¹⁹⁵ HLLF ₂₀₃ (n=635)	15	0	0	37	0	0	70	0	0	25	0	0	29	0	4.57	10	0	0
²⁰³ GSNN ₂₁₈ (n=650)	15	0	0	37	0	0	70	0	0	25	0	0	29	0	0	9	0	0
²¹⁸ SFHP ₁₂₆ (n=652)	15	46.67	1.23	37	0	0	70	0	0	25	0	0	28	0	0	9	0	0
¹²⁶ KDLL ₃₈₀ (n=652)	15	0	0	37	0	0	70	0	0	25	0	0	28	0	0	9	0	0

¹ Denotes the number of fish per species.

² Denotes the number of all individuals with a particular amino acid sequence.

³ Denotes the sample of individuals from each species with a motif.