

Supplementary Materials: Transcriptomic characterization of the South American freshwater stingray *Potamotrygon motoro* venom apparatus

Filipe Silva, Yu Huang, Vítor Yang, Xidong Mu, Qiong Shi and Agostinho Antunes

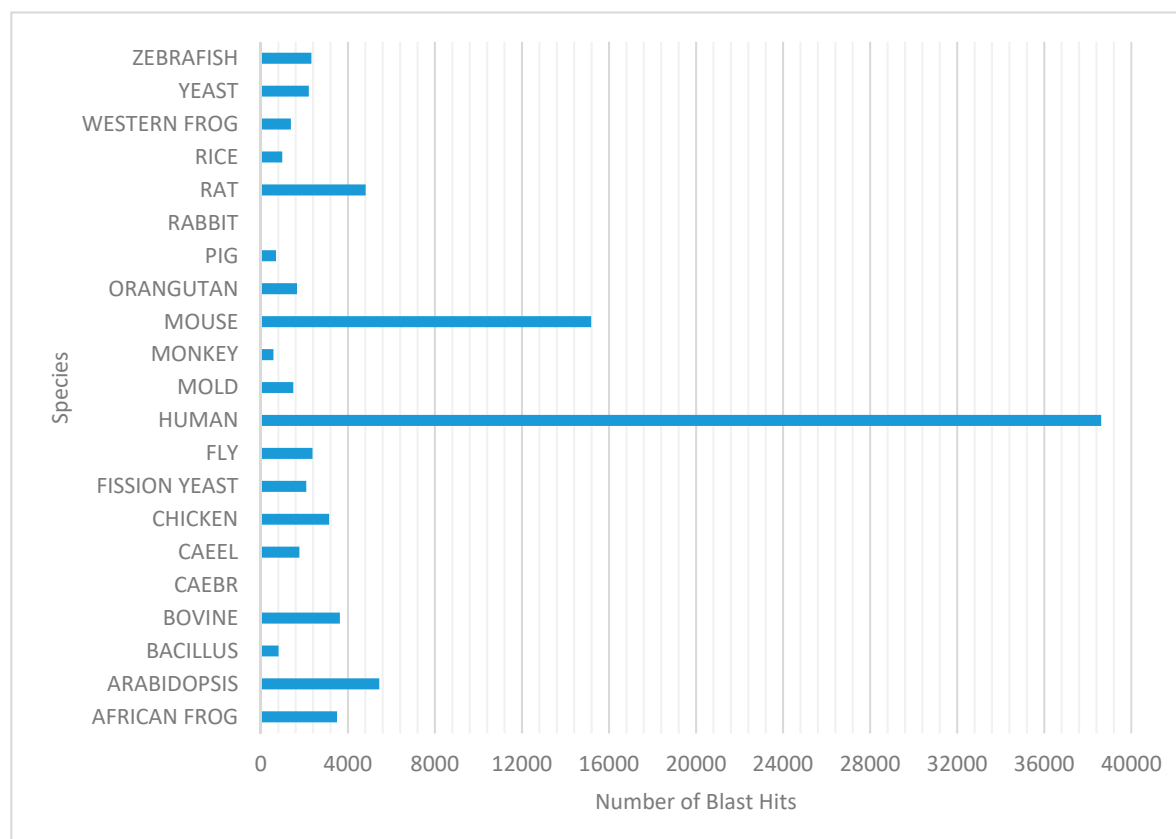


Figure S1. Hits distribution representation per species following BLAST searches of the *Potamotrygon motoro* transcriptome against the SwissProt database.

Table S1. National Center for Biotechnology Information accession numbers for the sequences used in phylogenetic and selective pressure analyses.

Organism	Functional Group	Accession Number
<i>Potamotrygon motoro</i>	All	CNP0000235 (China National Genebank Database)
<i>Potamotrygon amandae</i>	H6	SRR2039259
<i>Potamotrygon falkneri</i>	H6	SRR2039259
<i>Pelteobagrus fulvidraco</i>	All	SRP057554
<i>Dendrochirus zebra</i>	PH-20	Available on request
<i>Pterois antennata</i>	PH-20	AB759697.1
<i>Pterois volitans</i>	PH-20	AB759698.1
<i>Synanceia horrida</i>	PH-20	AY232496.1
<i>Synanceia verrucosa</i>	PH-20	AB607856.1
<i>Oryzias latipes</i>	H1	XM_011474790.1
<i>Astyanax mexicanus</i>	H1	XM_007234299.1

<i>Astyanax mexicanus</i>	H4	XM_007246551.3
<i>Astyanax mexicanus</i>	H6	XM_022672245.1
<i>Astyanax mexicanus</i>	PH-20	XM_007246550.1
<i>Clupea harengus</i>	PH-20	XM_012822748.1
<i>Clupea harengus</i>	H6	XM_012822752.1
<i>Latimeria chalumnae</i>	PH-20	XM_006013119.2
<i>Danio rerio</i>	H1	NM_001039997.1
<i>Danio rerio</i>	H2	XM_682548.6
<i>Danio rerio</i>	H3	XM_009303978.1
<i>Danio rerio</i>	H4	XM_017354271.1
<i>Danio rerio</i>	H6	NM_001080671.1
<i>Austrofundulus limnaeus</i>	H2	XM_014006413.1
<i>Austrofundulus limnaeus</i>	PH-20	XM_014007943.1
<i>Fundulus heteroclitus</i>	H3	XM_012866741.1
<i>Fundulus heteroclitus</i>	PH-20	XM_012874928.1
<i>Poecilia formosa</i>	H1	XM_007550448.1
<i>Poecilia formosa</i>	H2	XM_007550436.1
<i>Poecilia mexicana</i>	PH-20	XM_014979450.1
<i>Poecilia reticulata</i>	H2	XM_008408657.1
<i>Xiphophorus maculatus</i>	PH-20	XM_005810480.1
<i>Esox lucius</i>	H1	XM_010896077.1
<i>Esox lucius</i>	H3	XM_010895839.2
<i>Esox lucius</i>	PH-20	XM_010864430.1
<i>Lepisosteus oculatus</i>	PH-20	XM_006633404.1
<i>Lepisosteus oculatus</i>	H6	XM_015352485.1
<i>Haplochromis burtoni</i>	H2	XM_005927429.1
<i>Haplochromis burtoni</i>	PH-20	XM_005933571.2
<i>Larimichthys crocea</i>	H1	XM_010745848.1
<i>Larimichthys crocea</i>	H2	XM_010745849.1
<i>Larimichthys crocea</i>	PH-20	XM_010742185.1
<i>Maylandia zebra</i>	H1	XM_004548653.3
<i>Maylandia zebra</i>	PH-20	XM_014409614.1
<i>Notothenia coriiceps</i>	H1	XM_010778234.1
<i>Notothenia coriiceps</i>	H2	XM_010778233.1
<i>Notothenia coriiceps</i>	PH-20	XM_010790710.1
<i>Oreochromis niloticus</i>	H2	XM_003448316.2
<i>Oreochromis niloticus</i>	PH-20	XM_013271188.1
<i>Pundamilia nyererei</i>	H2	XM_005724561.1
<i>Pundamilia nyererei</i>	PH-20	XM_013908758.1
<i>Stegastes partitus</i>	H1	XM_008289283.1
<i>Stegastes partitus</i>	H2	XM_008289310.1
<i>Cynoglossus semilaevis</i>	H1	XM_008319590.1
<i>Cynoglossus semilaevis</i>	H2	XM_008319591.1
<i>Salmo salar</i>	PH-20	XM_014169991.1
<i>Labrus bergylta</i>	H6	XM_020634952.1
<i>Pygocentrus nattereri</i>	H6	XM_017713623.1
<i>Pygocentrus nattereri</i>	H4	XM_017713657.1
<i>Sinocyclocheilus anshuiensis</i>	H6	XM_016499280.1
<i>Cyprinodon variegatus</i>	H6	XM_015386515.1
<i>Boleophthalmus pectinirostris</i>	H6	XM_020932069.1

<i>Sinocyclocheilus grahami</i>	H4	XM_016290273.1
<i>Homo sapiens</i>	H1	AF118821.1
<i>Homo sapiens</i>	H2	BC000692.2
<i>Homo sapiens</i>	H3	NM_003549.3
<i>Homo sapiens</i>	H4	BC104788.1
<i>Homo sapiens</i>	PH-20	NM_153189.2
<i>Mus musculus</i>	H6	NM_028920.2
<i>Rhincodon typus</i>	H1	XM_020534579.1
<i>Rhincodon typus</i>	H2	XM_020525397.1
<i>Rhincodon typus</i>	PH-20	XM_020527772.1
<i>Rhincodon typus</i>	H6	XM_020527778.1
<i>Callorhinchus milii</i>	H1	XM_007890236.1
<i>Callorhinchus milii</i>	H2	XM_007890411.1
<i>Callorhinchus milii</i>	PH-20	XM_007898665.1
<i>Callorhinchus milii</i>	H6	XM_007898555.1
