

Supplementary Information S4

Uliano-Silva *et al.*, 2017

We are really thankful to our crowdfunding backers for the funds provided to the golden mussel genome project (www.catarse.me/genome). Here we present the fantasy names given to the genes and proteins of the golden mussel chosen by our backers.

Emilio Lanna - “Zeca” gene itr6_217_pi.g2715.t1 Lectin_C
Juliano de Miranda - “Izabela Damian dos Santos” gene HSP70
Rafael Oliveira Lopes - “Stella” stella itr6_3393_pi.g1519.t1 Actin
Eduardo Lam - “Charlie Chaplin” gene itr6_6314_pi.g523.t1 Ank_2
Ricardo Entz - “thebigheads” gene itr6_6314_pi.g523.t1 Ank_3
Gabriela Decker Sardinha - “Autonomista” gene itr6_3107_pi.g2181.t1 Ank_4
Marco Möller - “möllarina” gene itr6_2336_pi.g1026.t1 HSP70
André Dutra - “dedrutase” itr6_2408_pi.g1693.t1 Pkinase
Silvana Alodi - “allodina” itr6_5773_pi.g1093.t1 Phospholip_A2_1
Lucas Rech de Oliveira - “Caito” gene itr6_3504_pi.g2410.t1 F_actin_cap_B
Rodrigo Ligabeu Baun - “ligabuebraunin” gene itr6_4495_pi.g10.t1 GDI PF00996.16
Rodrigo Ligabeu Baun - “crichtonin“ gene itr6_490_pi.g2361.t1 HSP70
Roberto Heidi Utima - “Roberto Heidi Utima” gene itr6_329_pi.g72.t1 Lectin_C
Daniele Diniz Warken - “carlo sew” gene itr6_531_pi.g2958.t1 Lectin_C
Orlando Hill - “Lilian Hill” gene itr6_4173_pi.g1818.t1 Lipase
Cecilia Fonseca Poggian - “Ceciliase” gene itr6_2116_pi.g2643.t1 Pkinase
Patrícia Sanae Sujii - “CienciaInformativa” gene itr6_4936_pi.g640.t1 zf-B_box
João Doria - “O Nicho Podcast” gene itr6_3030_pi.g1409.t1 HSP70
Davi Adorna - “Rosa Luxemburg” gene itr6_2336_pi.g1023.t1 HSP70
Fabiana Hecht - “SORIEDEM” gene itr6_3279_pi.g521.t1 Cadherin
Igor Drumond - “h2g2” gene itr6_16_pilo.g281.t1 HSP90
Anna Beatriz Robottom Ferreira - “Xuxuase” gene itr6_3863_pi.g124.t1 Pkinase
Thiago Augusto Pimenta Viana - “TAPVianase” gene itr6_2077_pi.g2107.t1.1.57f6923d Pkinase
Marcelo Simões Resende - “Araguari Rezende” gene itr6_3081_pi.g1951.t1 Pkinase_Tyr

Mariana Magalhães Ferreira - "IRINEUSA" gene itr6_1966_pi.g589.t1 Actin
Jéssica de Aguiar França - "Ellen Tanus" gene itr6_4188_pi.g61.t1 Actin
Matheus Hobold Sovernigo - "HOBOLDSOVERNIGO" gene itr6_7439_pi.g48.t1 Ig_3
Fernando Feitosa - "FFeitosa" gene itr6_25_pilo.g423.t1 C1q
Marília Lima - "Lodettase" gene itr6_1072_pi.g1506.t1 ABC_ATPase
Richard Hemmi Valente - "Asimov" gene itr6_4936_pi.g640.t1 zf-B_box
Wendy Sauerbronn de Campos Valente - "Boris" gene itr6_3873_pi.g172.t1 zf-B_box
Diogo Costa - "Dncosta" gene itr6_13182_p.g16.t1 Cadherin_2
Marcelo Pinheiro - "Alvicurina" gene itr6_5879_pi.g275.t1 Cadherin_pro
Marcelo Pinheiro - "Vibnerina" gene itr6_2651_pi.g929.t1 Cadherin_C
Jaqueline Dupre Moreira Ferraz - "tereclautriciajaquelucasmari" gene itr6_11591_p.g31.t1 Actin
Lucas Junior Teodoro - "LJTEODORO" gene itr6_433_pil.g1506.t1 Actin
Caio Bustani Andrade - "Bustani" gene itr6_216_pil.g2696.t1 Acyl_transf_1
Patricia Dupre Moreira Ferraz - "teca" gene itr6_3393_pi.g1519.t1 Actin
Rafael Mesquita L. Madureira - "Lourdes Mesquita" gene - itr6_777_pil.g1882.t1 zf-BED
Márcia Hoshina - "Hoshina" gene itr6_3002_pi.g1089.t1 Acyl_transf_1
Fernando Denardi Cibulski - "Cibulskiase" gene itr6_2506_pi.g2822.t1 Acyl_transf_1
Marcos Kimura - "BiLuHK" gene itr6_4936_pi.g640.t1 zf-B_box
Caroline Santesso - "iluminase" gene itr6_2531_pi.g3128.t1 Actin
Marcos Tinoco - "Tinoco" gene itr6_5047_pi.g1171.t1 Actin
Alessandra Lehmen - "aleh1 Lehmen" gene itr6_3873_pi.g172.t1 zf-B_box
Manoela Gomes Baptista - "MGBR" gene itr6_11_pilo.g247.t1 zf-C2H2
Débora Andrade - "TEREDEBYASE" gene itr6_4188_pi.g70.t1 Actin
Diogo Biazus - "Biazus" gene itr6_750_pil.g1581.t1 Acyl_transf_1
Gracielle Vendrusculo Braga - "Vendruscolase" gene itr6_6341_pi.g598.t1 Acyl_transf_1
André Sá - "Filo-Sá" gene itr6_13685_p.g116.t1
Sabrina da Silva - "SKoifman" gene itr6_136_pil.g1741.t1 zf-C3HC4
Gutembergue Carvalho - "Jampruca" gene itr6_4188_pi.g65.t1 Actin
Fabiano Marques - "Marquesfab" gene itr6_5433_pi.g987.t1 zf-CCHC
André Luiz Vasconcellos de Araújo - "Mexilhão feio" itr6_4515_pi.g108.t1 Vasa
Ayla Sant'Ana da Silva - "Yuki" gene itr6_4014_pi.g1026.t1 Actin
Juliana Zucco - "zuccina" gene itr6_4188_pi.g60.t1 Actin
William Jeferson - "foratemerase" gene itr6_4188_pi.g63.t1 Actin
Evelise Dambros da Luz - "Eveliase" gene itr6_391_pil.g982.t1 Actin

Marianne Kreuzsch - "Marcheto-Kreusch" gene itr6_4188_pi.g67.t1 Actin
Rafael Trevisan - "LabDef" gene itr6_1771_pi.g1993.t1 GSHPx PF002
Henrique Lemos Jucá - "jucalase" gene itr6_2431_pi.g1931.t1 Helicase_C
Cynthia Cardoso - "chesterase" gene itr6_4515_pi.g108.t1 Helicase_C
Vinicius Fernandes dos Santos - "cabessa" gene itr6_5034_pi.g1088.t1 Tubulin
Sergio Silvestre - "SantosSilvestre" gene itr6_8349_pi.g7.t1 Helicase_C
Carlos Eduardo Lessa Pissuto - "KAROLLOS" gene itr6_6341_pi.g596.t1 Acyl_transf_1
Rodrigo Augusto da Silva - "Rods_77" gene itr6_2453_pi.g2130.t1 zf-CCHH
Juan Pedro Alves Lopes - "MATLopes" gene itr6_20277_p.g18.t1 zf-HYPF
Karina Silveira - "Karinina AS" gene itr6_3744_pi.g1657.t1 Tubulin
Karina Silveria - "SaletteAndrade" gene itr6_1174_pi.g2699.t1 zf-LITAF-like
Karina Silveria - "OsmarSilveira" itr6_136_pil.g1741.t1 zf-RING_UBOX
Giovana Girardi - "Girardase" gene itr6_1341_pi.g723.t1 Helicase_C
David Majerowicz - "Marfim" gene itr6_1407_pi.g1554.t1 Helicase_C
André Gomes Julião - "andrejuliao" gene itr6_1932_pi.g56.t1 Actin
Rodrigo de Oliveira Martins - "ROMBarnacleBoy" gene itr6_1320_pi.g423.t1 zf-RVT
Jackson Reis - "rafael.akira.i.f.reis" gene itr6_165_pil.g2044.t1 Tubulin
Jackson Reis - "Jackson.reis.f.s" gene itr6_12053_p.g97.t1 COesterase
Thiago Fialho - "Eliane Little" itr6_6314_pi.g523.t1 Ank_2
João Batista de Melo - "DANTEPEDeM" gene itr6_449_pil.g1726.t1 Helicase_C
Adriana de Lima Barbosa - "A.cohen" gene itr6_222_pil.g2782.t1 Tubulin
Fernando Ariel Genta - "Genta" gene itr6_3892_pi.g320.t1 Ank_2
Débora Lanznaster - "Edit Bruns" gene itr6_6314_pi.g523.t1 Ank_3
Mariana Souza da Silveira - "Duds" gene itr6_3107_pi.g2181.t1 Ank_4
Fabricio Docema de Oliveira - "Andréia de Oliveira Giannasi" gene itr6_5112_pi.g1392.t1 ATP-synt_E_2
Marcos Schettini - "Schettinina" gene itr6_165_pil.g2047.t1 Tubulin
Milena M. Schettini - "Milenar" gene itr6_2509_pi.g2892.t1 Lectin_C
Andre Campos Rodovalho - "verdade libertadora" gene itr6_3279_pi.g521.t1 Cadherin
Adriano Monteiro Castro - "Frida" itr6_1691_pi.g951.t1 Atrophin-1
Mariano Rodrigues Aloí - "maloizinho" gene itr6_222_pil.g2785.t1 Tubulin
Vinicius de Medeiros Alves - "Pequi" gene itr6_5034_pi.g1085.t1 Tubulin
Guilherme Machado Nunes - "proteína brasileira" itr6_3438_pi.g1869.t1 Tubulin
Juliano Bortolozzo Solanho - "Juaum Du Shops" itr6_3830_pi.g2323.t1 Tubulin

Pedro Camilo Maistro - "Maistro" gene itr6_1653_pi.g530.t1 Helicase_C
Marcus Leopoldino - "Aline de Souza Porto Leopoldino" gene itr6_5203_pi.g198.t1 C1q
Carolina Goulart - "hugo14" gene itr6_2297_pi.g572.t1 C1q
Gabriela Pimenta dos Reis - "P3004" gene itr6_1932_pi.g57.t1 Actin
Júlia Back Comandolli - "Catarina" gene itr6_165_pil.g2047.t1 Tubulin
Josafa Diniz Araujo Filho - "Josafa&Deisy" gene itr6_4042_pi.g1134.t1 ASC
Francis Graeff de Oliveira - "Fragui" gene itr6_165_pil.g2045.t1 Tubulin
Ricardo Alchini - "Alchini" gene itr6_19657_p.g45.t1 C2-set_2
Érico Gaiger Marshall - "erico" gene itr6_2108_pi.g2442.t1 AT_hook
Flávia Rachel Moreira Lamarão - "Flávia Lamarão" gene itr6_3369_pi.g1316.t1 Baculo_8kDa
Bruno Bottino Ferreira - "Marie Curie" gene itr6_4385_pi.g1272.t1 Actin
Gabriel Pereira Corrêa - "DANTE SRN" gene itr6_1653_pi.g530.t1 Helicase_C
Maria Gonzalez Rey - "Reynase" gene itr6_99_pilo.g1385.t1 Acyl_transf_1
Gustavo de Freitas - "Nicolas Gottschald de Freitas" gene itr6_4995_pi.g933.t1 Tubulin
Felipe Caruso - "Giordano Bruno" itr6_5273_pi.g429.t1 Actin
Vinicius Bassanese - "Valverina" gene itr6_433_pil.g1506.t1 Actin
Gustavo Seichi Inouye Shintate - "Shintatease" gene itr6_816_pil.g2496.t1 Acyl_transf_1
Aluisio Lucio da Rocha - "AJAKL MOREIRA ROCHA" gene itr6_1381_pi.g1250.t1 BAF
Marcio Rodrigues Paiva - "GaelRP" gene itr6_2624_pi.g531.t1 CABIT
Kelly Ribas Lobato - "OLB61015" gene itr6_364_pil.g614.t1 Cadherin
Aristides Neto - "Aristides Neto" gene itr6_1521_pi.g3025.t1 7TM_GPCR_Srw
Gabriela Pacheco Correa - "MARILUTP" gene itr6_5130_pi.g1452.t1 ANF_receptor
Bianca Lucchesi Targhetta - "Cientistas Feministas" gene itr6_4957_pi.g740.t1 Helicase_C
Yanna Koloniari Barbosa - "Yanna Koloniari" gene itr6_6314_pi.g523.t1 Ank_2
Renato Pinheiro Freme Lopes Lucindo - "Pupilu" gene itr6_2891_pi.g29.t1 Helicase_C
André E.O.P. Lico - "BRL_Mito" gene itr6_1691_pi.g951.t1 Atrophin-1
Eleonora Kurtenbach - "Olhos verdes" gene itr6_502_pil.g2473.t1 Helicase_C
Samuel Gales Guimarães - "Sanini Ayli-Lunia" gene itr6_4042_pi.g1134.t1 ASC
Marcela Davanso - "Cabeçase" gene itr6_15_pilo.g273.t1 Helicase_C
Márcio Pires Antonio - "Antônio" gene itr6_3892_pi.g320.t1 Ank_2
Diego Reeberg - "Catarse" gene itr6_3107_pi.g2181.t1 Ank_4
Diego Reeberg - "KatianiMartins" gene itr6_4252_pi.g398.t1 COesterase
Marcio Mazza - "Larissa" gene itr6_1483_pi.g2572.t1 CARD
Nicolas Iensen - "Nicolas Iensen" gene itr6_2531_pi.g3133.t1 Actin

Pedro Hutsch Balboni – “Pedro Hutsch Balboni” gene itr6_4255_pi.g438.t1 Tubulin

Igor Alves – “Rechetnicoase” gene itr6_2506_pi.g2820.t1 Acyl_transf_1

Daniele Botaro – “RafaBotarase” gene itr6_5047_pi.g1165.t1 Actin

Marcela Vargas dos Santos - “vargaslite” gene itr6_4188_pi.g58.t1 Actin

Mariana Martinhago - “Martinhaguina” gene itr6_774_pil.g1864.t1 CUB

Mariana Wagner da Rocha - “Bem” gene itr6_2918_pi.g255.t1 Defensin_2

Raquel Stoltz Back - “Back” gene itr6_1777_pi.g2105.t1 CARD

Maysa Ito - “swt8478” gene itr6_3830_pi.g2322.t1 Tubulin

Cássio Batista Marcon - “Tarobain” gene itr6_3015_pi.g1241.t1 Tubulin

Alexandre Fernandes - “A.Fernandes” galactose metabolism

Olavo Bohrer Amaral - “espelgenes” gene tr6_2974_pi.g796.t1 Death

Anne Leite - “ALFRL” gene tr6_1395_pi.g1387.t1 DAZAP2

Felipe Guimarães Marques - Metabolic Pathway “Metabarques”. Names: ‘Fagner’, ‘Peed’, ‘Uomond’, ‘Gertrude’, ‘Animes’, ‘Cleide’, ‘Bognus’, ‘Jubblews’, ‘Entropinase’ and ‘Garori’.

Tomio Makihara - Metabolic Pathway “Protein Export”. Names: ‘T-TOMIO’, ‘T-SUELI’ ‘T-CAROL’, ‘T-MARIANA’, ‘T-GABRIEL’ ‘T-FELIPE’, ‘T-ROMEO’, ‘T-MATEO’, ‘T-SERGIO’, ‘T-MARCELA’ and ‘T-MAURO’

Paulo Bandeira de Carvalho - “Bandeirase” gene itr6_5245_pi.g338.t1 Helicase_C

Júlia Crespo Viegas - “Viegano” gene itr6_754_pil.g1660.t1 Acyl_transf_3

Elis Amaral Rosa - “Rosalind Franklin” gene itr6_2974_pi.g796.t1 Death

Tatiana Alves Américo - “amerinda” gene itr6_13486_p.g3.t1 Actin

Túlio Baars – ‘ednina’ gene itr6_4188_pi.g64.t1 Actin

Cássia Rodrigues – ‘julianina’ gene itr6_1167_pi.g2579.t1 Tubulin

Emmanuel Moura – Metabolic Pathway ‘Glutathione Metabolism’. Names: ‘Fidalgo’, ‘Furacão’, ‘Willow’, ‘Thanatos’, ‘Anubis’, ‘Ratak’, ‘Banshee’, ‘Cheshire’, ‘Brenda’, ‘Gauss’, ‘Teddie’ and ‘Épée’.

Fábio Gouveia – ‘Biel’ gene itr6_4081_pi.g1281.t1 Acyl_transf_3

Fábio Gouveia - ‘anagoya’ gene itr6_3142_pi.g2437.t1 Helicase_C

Fábio Gouveia - ‘bibipeg’ gene itr6_4725_pi.g1226.t1 Death