

“Investigation of bacterial communities within the digestive organs of the hydrothermal vent shrimp *Rimicaris exoculata* provide insights into holobiont geographic clustering” - Dominique A. Cowart, Lucile Durand, Marie-Anne Cambon-Bonavita, Sophie Arnaud-Haond (corresponding author : sophie.arnaud@ifremer.fr)

Denovo6700 (<i>Deferribacteres</i>)				
Total number of sequences: 19,734				
Total number of haplotypes: 1,128				
Haplotypes		Percentages		
Name	Number of sequences	Rainbow	TAG	Logatchev
HAP_1	15,265	87.3	8.3	4.4
HAP_2	1,106	0	99	1
HAP_5	20	80	10	10
HAP_8	21	90.5	0	9.5
HAP_14	30	96.6	0	3.4
HAP_31	24	87.5	4.2	8.3
HAP_32	84	83.2	12	4.8
HAP_38	25	92	4	4
HAP_44	25	88	8	4
HAP_48	25	100	0	0
HAP_51	29	82.7	7	10.3
HAP_52	21	95.2	0	4.8
HAP_53	20	90	0	10
HAP_55	21	90.6	4.7	4.7
HAP_58	27	96.3	0	3.7
HAP_60	38	97.4	2.6	0
HAP_65	24	87.5	4.2	8.3
HAP_78	22	77.3	13.6	9.1
HAP_80	30	93.4	3.3	3.3
HAP_103	29	89.6	3.4	7
HAP_106	39	79.5	15.4	5.1
HAP_115	23	87	8.7	4.3
HAP_118	23	91.3	0	8.7
HAP_119	21	86	14	0
HAP_120	28	68	14	18
HAP_127	26	69.2	15.4	15.4
HAP_131	24	91.6	4.2	4.2
HAP_150	31	93.6	3.2	3.2
HAP_160	88	42	2.3	55.7
HAP_170	24	75	12.5	12.5
HAP_178	47	76.6	12.8	10.6
HAP_186	24	83.4	8.3	8.3
HAP_227	20	90	0	10
HAP_237	20	80	20	0
HAP_255	29	79	14	7
HAP_317	20	90	0	10
HAP_398	20	90	0	10

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Denovo2977 (<i>Mollicutes</i>) Total number of sequences: 3,480 Total number of haplotypes: 422				
Haplotypes		Percentages		
Name	Number of sequences	Rainbow	TAG	Logatchev
HAP_4	2,640	28.4	69.1	2.5
HAP_14	37	46.0	54.0	0.0
HAP_34	20	100.0	0.0	0.0
Denovo2874 (<i>Epsilonproteobacteria</i>) Total number of sequences: 863 Total number of haplotypes: 363				
Name	Number of sequences	Rainbow	TAG	Logatchev
HAP_2	285	35.1	59.3	5.6
HAP_4	84	3.6	81.0	15.4
Denovo5619 (<i>Epsilonproteobacteria</i>) Total number of sequences: 1,175 Total number of haplotypes: 378				
Name	Number of sequences	Rainbow	TAG	Logatchev
HAP_1	296	13.2	50.3	36.5
HAP_3	408	11.3	49.2	39.5
Denovo529 (<i>Epsilonproteobacteria</i>) Total number of sequences: 1,690 Total number of haplotypes: 437				
Name	Number of sequences	Rainbow	TAG	Logatchev
HAP_5	7,18	0.5	34.5	65.0
HAP_6	235	21.7	0	78.3
HAP_133	69	95.6	2.9	1.5
Denovo8992 (<i>Epsilonproteobacteria</i>) Total number of sequences: 4,976 Total number of haplotypes: 521				
Name	Number of sequences	Rainbow	TAG	Logatchev
HAP_3	3,090	1.3	16	82.7
HAP_15	258	0	0.4	99.6
HAP_37	360	2.5	82	15.5
HAP_66	33	0	3.1	96.9
HAP_113	195	41.1	54.8	4.1
Denovo10556 (<i>Epsilonproteobacteria</i>) Total number of sequences: 6,543 Total number of haplotypes: 1,043				
Name	Number of sequences	Rainbow	TAG	Logatchev
HAP_1	662	0.3	3.5	96.2
HAP_4	102	89.2	7.8	3
HAP_5	47	17.0	6.4	76.6
HAP_6	3,477	0	99.9	0.1