

Metatranscriptomic data of gutless oligochaete *Olavius algarvensis* worms deposited in European Nucleotide Archive ENA

ENA Accession	ENA entries/ENA sample accession	data type	organism	sample type	published in
HACZ01000000	HACZ01000001-HACZ01173602	assembled transcripts from metatranscriptome	<i>Olavius algarvensis</i>	bulk	Wippler et al. 2016 Transcriptomic and proteomic insights into innate immunity and adaptations to a symbiotic lifestyle in the gutless marine worm <i>Olavius algarvensis</i>
PRJEB10952	SAMEA3557928	raw metatranscriptomic reads	<i>Olavius algarvensis</i>	bulk	"
PRJEB10952	SAMEA3557927	raw metatranscriptomic reads	<i>Olavius algarvensis</i>	bulk	"

Metaproteomic data of gutless oligochaete *Olavius algarvensis* worms deposited in proteomics data repositories

MassIVE accession	ProteomeXchange accession	data type	organism	sample type	published in
MSV000079512	PXD003626	protein sequence database, all proteomics data sets used in Wippler et al. 2016: "whole worms fresh" (3 samples, duplicates each), "whole worms starved" (3 samples, duplicates each)	<i>Olavius algarvensis</i>	bulk	Wippler et al. 2016 Transcriptomic and proteomic insights into innate immunity and adaptations to a symbiotic lifestyle in the gutless marine worm <i>Olavius algarvensis</i>

Draft genomes of endosymbionts from various gutless oligochaete hosts, in submission process. If you are interested in these datasets, please let us know

Symbiont bin-ID	Class	host_species	completeness	#scaffolds	N50	genome_size(Mb)
lexuBAH1a-bin1-delta	deltaproteobacterial symbiont	<i>Inanidrilus exumae</i>	96.8	265	29593	5.6
lexuBAH1a-bin10-chlamydia	chlamydial symbiont	<i>Inanidrilus exumae</i>	80.84	78	22145	1.37
lexuBAH1a-bin7-alpha	alphaproteobacterial symbiont	<i>Inanidrilus exumae</i>	82.04	372	17479	4.45
lexuBAH1a-bin7-bin9-alpha	alphaproteobacterial symbiont	<i>Inanidrilus exumae</i>	99.32	944	11413	8.38
lexuBAH1a-bin9-alpha	alphaproteobacterial symbiont	<i>Inanidrilus exumae</i>	91.33	572	8415	3.93
lexuBAH1b-bin1-chlamydia	chlamydial symbiont	<i>Inanidrilus exumae</i>	82.01	76	24127	1.39
lexuBAH1b-bin2-delta	deltaproteobacterial symbiont	<i>Inanidrilus exumae</i>	97.2	136	58676	5.6
lexuBAH1b-bin3-alpha-a	alphaproteobacterial symbiont	<i>Inanidrilus exumae</i>	95.95	392	15471	4.43
lexuBAH1b-bin8-alpha-b	alphaproteobacterial symbiont	<i>Inanidrilus exumae</i>	79.73	377	14711	4.03
lexuBAH1b-bin8-bin9-alpha-b	alphaproteobacterial symbiont	<i>Inanidrilus exumae</i>	98.99	1023	9819	8.02
lexuBAH1b-bin9-alpha-b	alphaproteobacterial symbiont	<i>Inanidrilus exumae</i>	89.86	646	7090	4
lexuBAH2-bin1-gamma-a	gammaproteobacterial symbiont	<i>Inanidrilus exumae</i>	85.17	529	10837	4.58
lexuBAH2-bin2-alpha	alphaproteobacterial symbiont	<i>Inanidrilus exumae</i>	90.57	418	9199	3.01
lexuBAH2-bin4-delta	deltaproteobacterial symbiont	<i>Inanidrilus exumae</i>	95.6	388	18636	5.29

lexuBAH3-bin1-delta	deltaproteobacterial symbiont	<i>Inanidrilus exumae</i>	97.6	252	32303	5.38
lexuBAH3-bin4-alpha	alphaproteobacterial symbiont	<i>Inanidrilus exumae</i>	92.06	395	10288	3.15
lleu1aBEL1-bin1-gamma-a	gammaproteobacterial symbiont	<i>Inanidrilus leukodermatus</i>	95.88	135	16514	1.74
lleu1aBEL1-bin2-alpha-a	alphaproteobacterial symbiont	<i>Inanidrilus leukodermatus</i>	93.92	386	18088	4.89
lleu1aBEL1-bin3-alpha-b	alphaproteobacterial symbiont	<i>Inanidrilus leukodermatus</i>	97.64	211	32038	4.31
lleu1aBEL2-bin1-gamma-a	gammaproteobacterial symbiont	<i>Inanidrilus leukodermatus</i>	77.82	400	5360	1.99
lleu1aBEL2-bin2-gamma-b	gammaproteobacterial symbiont	<i>Inanidrilus leukodermatus</i>	96.63	120	19690	1.78
lleu1BER1-bin1-alpha-a	alphaproteobacterial symbiont	<i>Inanidrilus leukodermatus</i>	98.31	274	22391	4.12
lleu1BER1-bin4-alpha-b	alphaproteobacterial symbiont	<i>Inanidrilus leukodermatus</i>	93.92	546	12947	5.22
lleu1BER1-bin5-alpha-c	alphaproteobacterial symbiont	<i>Inanidrilus leukodermatus</i>	96.96	458	14312	4.83
lleu1BER2-bin1-spiro	spirochaetal symbiont	<i>Inanidrilus leukodermatus</i>	84.7	79	46250	2.29
lleu1BER2-bin3-alpha-a	alphaproteobacterial symbiont	<i>Inanidrilus leukodermatus</i>	85.81	657	8652	4.73
lleu1BER2-bin4-bin5-alpha-b	alphaproteobacterial symbiont	<i>Inanidrilus leukodermatus</i>	100	780	15270	8.66
lleu1BER2-bin5-alpha-b	alphaproteobacterial symbiont	<i>Inanidrilus leukodermatus</i>	97.97	452	18059	5.5
lleu2BEL1-bin1-alpha-a	alphaproteobacterial symbiont	<i>Inanidrilus leukodermatus</i>	97.97	497	13630	4.98
lleu2BEL2-bin1-gamma-a	gammaproteobacterial symbiont	<i>Inanidrilus leukodermatus</i>	77.25	401	5269	1.96
lleu2BEL2-bin3-gamma-b	gammaproteobacterial symbiont	<i>Inanidrilus leukodermatus</i>	95.51	120	19737	1.73
lleu2BEL2-bin5-alpha-b	alphaproteobacterial symbiont	<i>Inanidrilus leukodermatus</i>	97.3	415	16405	5.03
lmakBAH1-bin5-alpha-5	alphaproteobacterial symbiont	<i>Inanidrilus makropetalus</i>	91.62	480	12646	4.54
lmakBAH1-bin6-alpha-b	alphaproteobacterial symbiont	<i>Inanidrilus makropetalus</i>	81.23	558	7399	3.52
lmakBAH2-bin1-alpha-a	alphaproteobacterial symbiont	<i>Inanidrilus makropetalus</i>	92.91	388	14096	3.97
lmakBAH2-bin2-alpha-b	alphaproteobacterial symbiont	<i>Inanidrilus makropetalus</i>	91.55	373	17994	4.76
lmakBAH2-bin5-gamma	gammaproteobacterial symbiont	<i>Inanidrilus makropetalus</i>	83.98	410	5748	2.14
lmanLIZ1-bin1-alpha-a	alphaproteobacterial symbiont	<i>Inanidrilus manae</i>	84.97	439	6374	2.54
lmanLIZ1-bin10-alpha-b	alphaproteobacterial symbiont	<i>Inanidrilus manae</i>	85.32	561	12479	5.09
lmanLIZ1-bin3-alpha-b	alphaproteobacterial symbiont	<i>Inanidrilus manae</i>	97.97	462	19869	6.48
lmanLIZ1-bin3-bin10-alpha-b	alphaproteobacterial symbiont	<i>Inanidrilus manae</i>	100	1023	16007	11.58
lmanLIZ1-bin4-gamma	gammaproteobacterial symbiont	<i>Inanidrilus manae</i>	82.28	481	6964	3.02
lmanLIZ1-bin7-alpha-c	alphaproteobacterial symbiont	<i>Inanidrilus manae</i>	96.62	407	14447	4.38
lsp1OAH13-bin1-delta	deltaproteobacterial symbiont	<i>Inanidrilus sp.1 Oahu</i>	91.97	506	12429	4.94
lsp1OAH14-bin1-delta-a	deltaproteobacterial symbiont	<i>Inanidrilus sp.1 Oahu</i>	94	362	21062	5.15
lsp1OAH14-bin3-delta-b	deltaproteobacterial symbiont	<i>Inanidrilus sp.1 Oahu</i>	85.25	1159	8066	7.77
lsp1OAH14-bin5-spiro	spirochaetal symbiont	<i>Inanidrilus sp.1 Oahu</i>	97.45	30	88472	1.86
lsp1OAH30-bin3-gamma-b	gammaproteobacterial symbiont	<i>Inanidrilus sp.1 Oahu</i>	94.46	445	9416	3.3
lsp1OAH30-bin6-delta	deltaproteobacterial symbiont	<i>Inanidrilus sp.1 Oahu</i>	92	503	12495	4.69
lsp1OAH30-bin7-spiro	spirochaetal symbiont	<i>Inanidrilus sp.1 Oahu</i>	96.64	41	77304	1.88
lsp1OAH67-bin1-spiro	spirochaetal symbiont	<i>Inanidrilus sp.1 Oahu</i>	97.45	30	122713	1.83
lsp1OAH67-bin4-delta-a	deltaproteobacterial symbiont	<i>Inanidrilus sp.1 Oahu</i>	98.4	625	26628	9.58
lsp1OAH67-bin5-bin7-gamma-b	gammaproteobacterial symbiont	<i>Inanidrilus sp.1 Oahu</i>	96.25	561	8180	3.76
lsp1OAH67-bin5-gamma-b	gammaproteobacterial symbiont	<i>Inanidrilus sp.1 Oahu</i>	96.25	485	8639	3.49
lsp1OAH67-bin8-delta-b	deltaproteobacterial symbiont	<i>Inanidrilus sp.1 Oahu</i>	97.6	130	72804	5.6
lsp1OAH70-bin1-spiro	spirochaetal symbiont	<i>Inanidrilus sp.1 Oahu</i>	95.83	64	40674	1.78
lsp1OAH70-bin6-delta	deltaproteobacterial symbiont	<i>Inanidrilus sp.1 Oahu</i>	97.6	276	26944	5.23
lsp1OAH70-bin7-gamma-b	gammaproteobacterial symbiont	<i>Inanidrilus sp.1 Oahu</i>	98.46	359	13389	3.64

Isp2OAH42-bin1-bin4-delta-a	deltaproteobacterial symbiont	<i>Inanidrilus sp.2 Oahu</i>	99.2	144	57921	5.51
Isp2OAH42-bin1-delta-a	deltaproteobacterial symbiont	<i>Inanidrilus sp.2 Oahu</i>	96	124	60107	5.27
Isp2OAH42-bin2-spiro	spirochaetal symbiont	<i>Inanidrilus sp.2 Oahu</i>	94.11	112	21888	1.66
Isp2OAH42-bin3-delta-b	deltaproteobacterial symbiont	<i>Inanidrilus sp.2 Oahu</i>	98.4	790	14316	8.47
Isp2OAH42-bin7-gamma-b	gammaproteobacterial symbiont	<i>Inanidrilus sp.2 Oahu</i>	96.63	278	18404	3.53
Isp2OAH49-bin1-delta-a	deltaproteobacterial symbiont	<i>Inanidrilus sp.2 Oahu</i>	96.6	228	35466	5.15
Isp2OAH49-bin2-gamma-a	gammaproteobacterial symbiont	<i>Inanidrilus sp.2 Oahu</i>	99.16	300	16276	3.5
Isp2OAH49-bin4-spiro	spirochaetal symbiont	<i>Inanidrilus sp.2 Oahu</i>	96.64	28	90333	1.83
Isp2OAH49-bin7-delta-b	deltaproteobacterial symbiont	<i>Inanidrilus sp.2 Oahu</i>	79.26	1213	7360	7.74
Isp2OAH54-bin3-spiro	spirochaetal symbiont	<i>Inanidrilus sp.2 Oahu</i>	95.03	120	20717	1.72
Isp2OAH54-bin6-delta	deltaproteobacterial symbiont	<i>Inanidrilus sp.2 Oahu</i>	98.8	189	42555	5.33
Isp2OAH85-bin1-delta	deltaproteobacterial symbiont	<i>Inanidrilus sp.2 Oahu</i>	97.6	248	37683	5.45
Isp2OAH85-bin2-spiro	spirochaetal symbiont	<i>Inanidrilus sp.2 Oahu</i>	97.45	61	49346	1.82
Isp2OAH91-bin1-delta	deltaproteobacterial symbiont	<i>Inanidrilus sp.2 Oahu</i>	93.6	358	19681	5.08
Isp2OAH91-bin3-spiro	spirochaetal symbiont	<i>Inanidrilus sp.2 Oahu</i>	96.64	25	94911	1.8
Isp2OAH91-bin4-gamma	gammaproteobacterial symbiont	<i>Inanidrilus sp.2 Oahu</i>	75.27	376	5400	1.89
Isp2OAH98-bin3-spiro	spirochaetal symbiont	<i>Inanidrilus sp.2 Oahu</i>	97.45	57	49095	1.79
Isp2OAH98-bin4-bin5-delta-a	deltaproteobacterial symbiont	<i>Inanidrilus sp.2 Oahu</i>	96	765	16811	9.08
Isp2OAH98-bin6-delta-b	deltaproteobacterial symbiont	<i>Inanidrilus sp.2 Oahu</i>	94.2	283	25857	5.09
ItriBAH1-bin4-alpha-b	alphaproteobacterial symbiont	<i>Inanidrilus triangulatus</i>	76.18	477	5114	2.31
ItriBAH2-bin1-gamma	gammaproteobacterial symbiont	<i>Inanidrilus triangulatus</i>	79.41	401	4967	1.9
ItriBAH2-bin2-alpha-a	alphaproteobacterial symbiont	<i>Inanidrilus triangulatus</i>	92.91	517	12945	5.07
ItriBAH2-bin3-alpha-b	alphaproteobacterial symbiont	<i>Inanidrilus triangulatus</i>	84.44	303	16318	3.48
OalbHER1-bin1-alpha	alphaproteobacterial symbiont	<i>Olavius albidus</i>	94.26	550	9472	4.32
OalbHER1-bin3-spiro	spirochaetal symbiont	<i>Olavius albidus</i>	94.09	30	91790	1.79
OalbHER1-bin4-gamma	gammaproteobacterial symbiont	<i>Olavius albidus</i>	75.25	451	5422	2.29
OalbHER2-bin1-spiro	spirochaetal symbiont	<i>Olavius albidus</i>	93.28	74	33316	1.81
OalbHER2-bin3-alpha	alphaproteobacterial symbiont	<i>Olavius albidus</i>	89.98	628	7093	3.81
OalbHER2-bin4-gamma	gammaproteobacterial symbiont	<i>Olavius albidus</i>	76.37	462	5334	2.34
OalgACAV1-bin1-bin7-delta-a	deltaproteobacterial symbiont	<i>Olavius algarvensis</i>	95.2	1512	17787	17.98
OalgACAV1-bin1-delta-a	deltaproteobacterial symbiont	<i>Olavius algarvensis</i>	93.94	531	32133	9.36
OalgACAV1-bin3-gamma-a	gammaproteobacterial symbiont	<i>Olavius algarvensis</i>	99.44	209	25050	4
OalgACAV1-bin6-delta-b	deltaproteobacterial symbiont	<i>Olavius algarvensis</i>	96.8	97	89396	5.43
OalgACAV1-bin7-delta-a	deltaproteobacterial symbiont	<i>Olavius algarvensis</i>	79.57	981	10757	8.62
OalgACAV2-bin4-delta-a	deltaproteobacterial symbiont	<i>Olavius algarvensis</i>	90.8	969	11616	8.85
OalgACAV2-bin5-gamma-b	gammaproteobacterial symbiont	<i>Olavius algarvensis</i>	98.88	226	24641	3.97
OalgACAV2-bin6-delta-b	deltaproteobacterial symbiont	<i>Olavius algarvensis</i>	96.8	79	97221	5.24
OalgACAV2-bin7-spiro	spirochaetal symbiont	<i>Olavius algarvensis</i>	95.43	39	69042	1.82
OalgACAV3-bin2-spiro	spirochaetal symbiont	<i>Olavius algarvensis</i>	95.43	27	94699	1.89
OalgACAV3-bin5-delta-a	deltaproteobacterial symbiont	<i>Olavius algarvensis</i>	90	998	11357	8.88
OalgACAV3-bin6-delta-b	deltaproteobacterial symbiont	<i>Olavius algarvensis</i>	99.2	75	121536	5.36
OalgACAV3-bin7-gamma-b	gammaproteobacterial symbiont	<i>Olavius algarvensis</i>	100	228	23623	3.92
OalgASAN1-bin2-delta-a	deltaproteobacterial symbiont	<i>Olavius algarvensis</i>	93.11	1029	12143	9.64
OalgASAN1-bin3-delta-b	deltaproteobacterial symbiont	<i>Olavius algarvensis</i>	82.4	70	156125	4.74

OalgASAN1-bin4-spiro	spirochaetal symbiont	<i>Olavius algarvensis</i>	95.43	30	82505	1.9
OalgASAN1-bin7-gamma-b	gammaproteobacterial symbiont	<i>Olavius algarvensis</i>	99.44	209	25728	3.98
OalgASAN2-bin1-delta-a	deltaproteobacterial symbiont	<i>Olavius algarvensis</i>	90	1077	10353	9.04
OalgASAN2-bin3-gamma-a	gammaproteobacterial symbiont	<i>Olavius algarvensis</i>	99.44	208	25545	3.97
OalgASAN2-bin5-delta-b	deltaproteobacterial symbiont	<i>Olavius algarvensis</i>	92.8	72	129515	5.16
OalgASAN3-bin1-spiro	spirochaetal symbiont	<i>Olavius algarvensis</i>	95.43	26	102125	1.91
OalgASAN3-bin5-delta-fasta	deltaproteobacterial symbiont	<i>Olavius algarvensis</i>	91.6	988	11563	8.91
OalgASAN3-bin6-gamma-b	gammaproteobacterial symbiont	<i>Olavius algarvensis</i>	99.44	219	24157	3.93
OalgASAN3-bin7-delta-b	deltaproteobacterial symbiont	<i>Olavius algarvensis</i>	99.2	76	121536	5.36
OalgBSAN1-bin1-gamma-a	gammaproteobacterial symbiont	<i>Olavius algarvensis</i>	98.88	209	24647	3.96
OalgBSAN1-bin2-delta	deltaproteobacterial symbiont	<i>Olavius algarvensis</i>	99.2	73	121536	5.35
OalgBSAN1-bin3-spiro	spirochaetal symbiont	<i>Olavius algarvensis</i>	94.42	116	19874	1.84
OalgBSAN2-bin4-delta-a	deltaproteobacterial symbiont	<i>Olavius algarvensis</i>	90.4	88	99127	4.83
OalgBSAN2-bin5-spiro	spirochaetal symbiont	<i>Olavius algarvensis</i>	95.43	34	75616	1.9
OalgBSAN2-bin6-delta-b	deltaproteobacterial symbiont	<i>Olavius algarvensis</i>	91.2	1042	11671	9.64
OalgBSAN2-bin7-gamma-b	gammaproteobacterial symbiont	<i>Olavius algarvensis</i>	99.44	224	22730	3.95
OalgBSAN3-bin5-delta-a	deltaproteobacterial symbiont	<i>Olavius algarvensis</i>	92.8	69	129068	5.22
OalgBSAN3-bin6-delta-b	deltaproteobacterial symbiont	<i>Olavius algarvensis</i>	95.02	430	37955	9.29
OalgBSAN3-bin7-gamma-b	gammaproteobacterial symbiont	<i>Olavius algarvensis</i>	97.75	208	25061	3.93
OalgCCAV1-bin2-gamma-b	gammaproteobacterial symbiont	<i>Olavius algarvensis</i>	92.51	401	11174	3.46
OalgCCAV1-bin3-delta-a	deltaproteobacterial symbiont	<i>Olavius algarvensis</i>	95.2	413	39446	9.35
OalgCCAV1-bin5-gamma-c	gammaproteobacterial symbiont	<i>Olavius algarvensis</i>	97.19	151	35939	3.46
OalgCCAV1-bin6-delta-b	deltaproteobacterial symbiont	<i>Olavius algarvensis</i>	95.83	128	62826	5.22
OalgCCAV1-bin7-delta	deltaproteobacterial symbiont	<i>Olavius algarvensis</i>	96.8	214	25360	4.04
OclaLIZ1-bin3-delta	deltaproteobacterial symbiont	<i>Olavius clavatus</i>	94.4	142	24522	2.49
OclaLIZ1-bin4-gamma	gammaproteobacterial symbiont	<i>Olavius clavatus</i>	75.69	393	4626	1.79
OclaLIZ2-bin1-gamma	gammaproteobacterial symbiont	<i>Olavius clavatus</i>	77.32	399	4994	1.91
OclaLIZ2-bin2-delta	deltaproteobacterial symbiont	<i>Olavius clavatus</i>	97.6	170	18008	2.38
OcraPER1-bin1-delta-a	deltaproteobacterial symbiont	<i>Olavius crassitunicatus</i>	92.77	341	8293	2.4
OcraPER1-bin2-gamma	gammaproteobacterial symbiont	<i>Olavius crassitunicatus</i>	83.2	282	9860	2.26
OcraPER1-bin3-delta-b	deltaproteobacterial symbiont	<i>Olavius crassitunicatus</i>	85.01	568	6763	3.36
OcraPER2-bin1-gamma-a	gammaproteobacterial symbiont	<i>Olavius crassitunicatus</i>	88.82	266	11937	2.43
OcraPER2-bin2-delta-a	deltaproteobacterial symbiont	<i>Olavius crassitunicatus</i>	92.77	325	8347	2.33
OcraPER2-bin3-delta-b	deltaproteobacterial symbiont	<i>Olavius crassitunicatus</i>	87.17	497	9048	3.6
OfilPIA1-bin2-alpha	alphaproteobacterial symbiont	<i>Olavius filicauda</i>	96.62	155	46395	4.76
OfilPIA1-bin3-delta	deltaproteobacterial symbiont	<i>Olavius filicauda</i>	98.4	189	44879	5.09
OgenHER1-bin3-delta-a	deltaproteobacterial symbiont	<i>Olavius geniculatus</i>	89.51	462	25043	8.05
OgenHER1-bin4-delta-b	deltaproteobacterial symbiont	<i>Olavius geniculatus</i>	95.2	679	31750	12.96
OgenHER2-bin1-delta-a	deltaproteobacterial symbiont	<i>Olavius geniculatus</i>	94.31	539	19000	7.38
OgenHER2-bin5-delta-b	deltaproteobacterial symbiont	<i>Olavius geniculatus</i>	82.8	1205	12757	11.92
OgenLIZ1-bin1-delta-a	deltaproteobacterial symbiont	<i>Olavius geniculatus</i>	89.69	810	11081	7.12
OgenLIZ1-bin4-delta-b	deltaproteobacterial symbiont	<i>Olavius geniculatus</i>	92.8	490	27350	9.5
OgenLIZ2-bin3-delta-a	deltaproteobacterial symbiont	<i>Olavius geniculatus</i>	91.2	678	13547	7.22
OgenLIZ2-bin5-bin9-delta-c	deltaproteobacterial symbiont	<i>Olavius geniculatus</i>	92.2	631	22786	9.83

OgenLIZ2-bin9-delta-c	deltaproteobacterial symbiont	<i>Olavius geniculatus</i>	91.4	573	23394	9.39
OilvPIA1-8337-bin1-gamma-a	gammaproteobacterial symbiont	<i>Olavius ilvae</i>	78.08	441	5815	2.36
OilvPIA1-8337-bin3-gamma-b	gammaproteobacterial symbiont	<i>Olavius ilvae</i>	97.75	40	162219	4.32
OilvPIA1-8836-bin1-gamma-a	gammaproteobacterial symbiont	<i>Olavius ilvae</i>	99.44	148	48325	4.4
OilvPIA1-8836-bin3-alpha	alphaproteobacterial symbiont	<i>Olavius ilvae</i>	97.97	259	23716	4.3
OilvPIA2-bin1-gamma-a	gammaproteobacterial symbiont	<i>Olavius ilvae</i>	98.88	58	124369	4.39
OilvPIA2-bin3-delta	deltaproteobacterial symbiont	<i>Olavius ilvae</i>	99.2	121	64288	5.25
OilvPIA2-bin6-gamma-b	gammaproteobacterial symbiont	<i>Olavius ilvae</i>	75.27	448	5332	2.27
OilvPIA2-bin7-alpha	alphaproteobacterial symbiont	<i>Olavius ilvae</i>	98.65	217	29725	4.32
OilvSAN1-bin1-delta	deltaproteobacterial symbiont	<i>Olavius ilvae</i>	91.2	890	13597	9.13
OilvSAN1-bin3-gamma-b	gammaproteobacterial symbiont	<i>Olavius ilvae</i>	98.31	29	277324	4.52
OilvSAN1-bin6-gamma-a	gammaproteobacterial symbiont	<i>Olavius ilvae</i>	83.64	466	5870	2.56
OilvSAN1-bin7-alpha	alphaproteobacterial symbiont	<i>Olavius ilvae</i>	97.97	194	35443	4.28
OilvSAN2-bin1-gamma-a	gammaproteobacterial symbiont	<i>Olavius ilvae</i>	85.28	450	5876	2.5
OilvSAN2-bin5-alpha	alphaproteobacterial symbiont	<i>Olavius ilvae</i>	97.97	236	26905	4.26
OilvSAN2-bin6-bin7-bin9-delta	deltaproteobacterial symbiont	<i>Olavius ilvae</i>	99.2	1109	19415	14.46
OilvSAN2-bin6-delta	deltaproteobacterial symbiont	<i>Olavius ilvae</i>	96	190	43328	4.78
OilvSAN2-bin9-delta	deltaproteobacterial symbiont	<i>Olavius ilvae</i>	93.6	912	13713	9.41
OimpBEL1-bin-bin9-bin11-gamma-a	gammaproteobacterial symbiont	<i>Olavius imperfectus</i>	90.54	358	42649	6.38
OimpBEL1-bin2-bin8-gamma-b	gammaproteobacterial symbiont	<i>Olavius imperfectus</i>	94.97	462	27606	5.56
OimpBEL1-bin2-gamma-b	gammaproteobacterial symbiont	<i>Olavius imperfectus</i>	94.97	389	30108	5.02
OimpBEL2-bin2-gamma-a	gammaproteobacterial symbiont	<i>Olavius imperfectus</i>	100	66	129398	4.48
OimpBEL2-bin3-chlamydia	chlamydial symbiont	<i>Olavius imperfectus</i>	82.1	74	27416	1.43
OimpBEL2-bin4-gamma-b	gammaproteobacterial symbiont	<i>Olavius imperfectus</i>	83.8	378	6570	2.22
OloiHER1-bin3-gamma	gammaproteobacterial symbiont	<i>Olavius loisae</i>	87.03	257	11150	2.21
OloiHER1-bin4-alpha	alphaproteobacterial symbiont	<i>Olavius loisae</i>	94.59	456	13046	4.42
OloiHER1-bin5-spiro	spirochaetal symbiont	<i>Olavius loisae</i>	95.83	34	83363	1.8
OloiHER2-8338-bin1-gamma	gammaproteobacterial symbiont	<i>Olavius loisae</i>	93.54	221	14148	2.38
OloiHER2-8338-bin3-alpha	alphaproteobacterial symbiont	<i>Olavius loisae</i>	89.47	590	7504	3.7
OloiHER2-8338-bin4-spiro	spirochaetal symbiont	<i>Olavius loisae</i>	95.83	57	45694	1.83
OloiHER2-8898-bin1-alpha	alphaproteobacterial symbiont	<i>Olavius loisae</i>	87.44	618	7200	3.85
OloiHER2-8898-bin5-gamma	gammaproteobacterial symbiont	<i>Olavius loisae</i>	92.47	211	14148	2.4
OloiLIZ1-bin2-spiro	spirochaetal symbiont	<i>Olavius loisae</i>	92.61	33	71728	1.77
OloiLIZ1-bin4-alpha-a	alphaproteobacterial symbiont	<i>Olavius loisae</i>	78.03	618	7359	3.94
OloiLIZ1-bin7-gamma	gammaproteobacterial symbiont	<i>Olavius loisae</i>	79.59	346	5924	1.92
OloiLIZ2-bin1-alpha	alphaproteobacterial symbiont	<i>Olavius loisae</i>	98.44	290	25730	5.17
OloiLIZ2-bin2-gamma	gammaproteobacterial symbiont	<i>Olavius loisae</i>	83.36	274	9009	2.12
OloiLIZ2-bin4-spiro	spirochaetal symbiont	<i>Olavius loisae</i>	90.92	149	13846	1.71
OlonBBEL1-bin1-spiro	spirochaetal symbiont	<i>Olavius longissimus</i>	96.08	109	26843	1.84
OlonBBEL1-bin3-gamma	gammaproteobacterial symbiont	<i>Olavius longissimus</i>	98.03	346	25860	4.55
OlonBBEL2-bin1-bin6-gamma-a	gammaproteobacterial symbiont	<i>Olavius longissimus</i>	98.88	126	66197	4.92
OlonBBEL2-bin3-bin4-delta	deltaproteobacterial symbiont	<i>Olavius longissimus</i>	81.33	955	5136	4.64
OlonBBEL2-bin5-gamma-c	gammaproteobacterial symbiont	<i>Olavius longissimus</i>	93.63	88	24894	1.56
Osp1DAH1-bin1-alpha-a	alphaproteobacterial symbiont	<i>Olavius sp.1 Dahab</i>	96.28	251	30380	4.74

Osp1DAH1-bin10-gamma-b	gammaproteobacterial symbiont	<i>Olavius sp.1 Dahab</i>	98.2	63	125904	4.84
Osp1DAH1-bin4-alpha-b	alphaproteobacterial symbiont	<i>Olavius sp.1 Dahab</i>	91.37	439	10446	3.62
Osp1DAH1-bin5-spiro	spirochaetal symbiont	<i>Olavius sp.1 Dahab</i>	96.64	42	64420	1.79
Osp1DAH1-bin6-alpha-c	alphaproteobacterial symbiont	<i>Olavius sp.1 Dahab</i>	90.88	626	7561	4.05
Osp1DAH1-bin7-delta	deltaproteobacterial symbiont	<i>Olavius sp.1 Dahab</i>	95.6	685	16548	7.75
Osp1DAH2-bin1-spiro	spirochaetal symbiont	<i>Olavius sp.1 Dahab</i>	96.64	37	66755	1.78
Osp1DAH2-bin2-chlamydia	chlamydial symbiont	<i>Olavius sp.1 Dahab</i>	80.08	128	11332	1.16
Osp1DAH2-bin3-delta	deltaproteobacterial symbiont	<i>Olavius sp.1 Dahab</i>	86.4	932	9192	7.15
Osp1DAH2-bin5-alpha-a	alphaproteobacterial symbiont	<i>Olavius sp.1 Dahab</i>	93.58	390	12055	3.7
Osp1DAH2-bin6-alpha-b	alphaproteobacterial symbiont	<i>Olavius sp.1 Dahab</i>	87.67	607	8005	4.2
Osp1FILW1-bin2-delta-a	deltaproteobacterial symbiont	<i>Olavius sp.1 Philippines</i>	84.69	718	13680	7.03
Osp1FILW1-bin4-delta-b	deltaproteobacterial symbiont	<i>Olavius sp.1 Philippines</i>	94.4	660	18291	8.66
Osp1HER1-bin1-gamma	gammaproteobacterial symbiont	<i>Olavius sp.1 Heron</i>	83.4	521	6357	3.04
Osp1HER1-bin2-delta	deltaproteobacterial symbiont	<i>Olavius sp.1 Heron</i>	97.6	179	52011	5.65
Osp1HER1-bin3-alpha	alphaproteobacterial symbiont	<i>Olavius sp.1 Heron</i>	95.27	436	16710	5.34
Osp1HER1-bin4-spiro	spirochaetal symbiont	<i>Olavius sp.1 Heron</i>	93.82	71	35974	1.9
Osp1OAH1-bin1-delta-a	deltaproteobacterial symbiont	<i>Olavius sp.1 Oahu</i>	97.6	363	17336	4.58
Osp1OAH1-bin4-gamma-b	gammaproteobacterial symbiont	<i>Olavius sp.1 Oahu</i>	96.28	227	17650	2.86
Osp1OAH1-bin5-spiro	spirochaetal symbiont	<i>Olavius sp.1 Oahu</i>	93.3	25	111984	1.75
Osp1OAH1-bin7-delta-b	deltaproteobacterial symbiont	<i>Olavius sp.1 Oahu</i>	92.8	548	17649	7.01
Osp2HER1-bin1-bin3-delta	deltaproteobacterial symbiont	<i>Olavius sp.2 Heron</i>	99.11	1788	14202	17.81
Osp2HER1-bin1-delta	deltaproteobacterial symbiont	<i>Olavius sp.2 Heron</i>	91.19	1077	12467	10.07
Osp2HER1-bin2-gamma-a	gammaproteobacterial symbiont	<i>Olavius sp.2 Heron</i>	94.76	376	10979	3.34
Osp2HER1-bin3-delta	deltaproteobacterial symbiont	<i>Olavius sp.2 Heron</i>	95.75	711	21261	7.74
Osp2HER1-bin5-gamma-b	gammaproteobacterial symbiont	<i>Olavius sp.2 Heron</i>	95.22	145	34911	3.37
Osp2HER1-bin8-gamma-d	gammaproteobacterial symbiont	<i>Olavius sp.2 Heron</i>	99.44	215	24644	4.01
Osp3HER1-bin4-gamma	gammaproteobacterial symbiont	<i>Olavius sp.3 Heron</i>	85.1	376	6528	2.21
Osp3HER1-bin5-delta	deltaproteobacterial symbiont	<i>Olavius sp.3 Heron</i>	93.2	209	14917	2.43
Osp4HER1-bin1-chlamydia	chlamydial symbiont	<i>Olavius sp.4 Heron</i>	91.13	107	28739	2.12
Osp4HER1-bin3-gamma	gammaproteobacterial symbiont	<i>Olavius sp.4 Heron</i>	81.81	362	6613	2.18
Osp4HER1-bin4-beta	betaproteobacterial symbiont	<i>Olavius sp.4 Heron</i>	80.97	234	7504	1.49
Osp4HER1-bin4-bin6-beta	betaproteobacterial symbiont	<i>Olavius sp.4 Heron</i>	80.97	298	6805	1.73
Osp4HER1-bin5-delta	deltaproteobacterial symbiont	<i>Olavius sp.4 Heron</i>	95.2	517	25503	8.43
Osp4HER1-bin8-alpha	alphaproteobacterial symbiont	<i>Olavius sp.4 Heron</i>	94.89	139	18818	1.73
Osp5HER1-bin1-delta	deltaproteobacterial symbiont	<i>Olavius sp.5 Heron</i>	96.8	244	12684	2.41
OtanBAH1-bin1-delta	deltaproteobacterial symbiont	<i>Olavius tantulus</i>	97.6	241	34142	5.49
OtanBAH2-bin2-delta	deltaproteobacterial symbiont	<i>Olavius tantulus</i>	93.57	567	11044	4.94
OtanBEL1-bin5-gamma	gammaproteobacterial symbiont	<i>Olavius tantulus</i>	93.73	304	10385	2.58
OtanBEL1-bin7-delta	deltaproteobacterial symbiont	<i>Olavius tantulus</i>	94.53	460	12379	4.59
OtanBEL2-8372-bin1-gamma	gammaproteobacterial symbiont	<i>Olavius tantulus</i>	79.79	406	6085	2.3
OtanBEL2-8372-bin2-delta	deltaproteobacterial symbiont	<i>Olavius tantulus</i>	96.4	422	14053	4.64
OtanBEL2-8465-bin1-delta	deltaproteobacterial symbiont	<i>Olavius tantulus</i>	96.8	337	20570	4.79
OtanBEL2-8465-bin4-gamma	gammaproteobacterial symbiont	<i>Olavius tantulus</i>	91.05	339	10015	2.64
OullBAH1-bin4-gamma	gammaproteobacterial symbiont	<i>Olavius ullae</i>	79.22	350	5472	1.82

OullBAH2-bin3-spiro	spirochaetal symbiont	<i>Olavius ullae</i>	95.56	87	35078	1.86
OullBAH2-bin4-gamma	gammaproteobacterial symbiont	<i>Olavius ullae</i>	78.66	346	5462	1.78
OvacBAH1-8852-bin1-gamma	gammaproteobacterial symbiont	<i>Olavius vacuus</i>	78.26	382	5248	1.92
OvacBAH1-8852-bin3-alpha	alphaproteobacterial symbiont	<i>Olavius vacuus</i>	96.62	343	12822	3.18
OvacBAH2-bin2-alpha-a	alphaproteobacterial symbiont	<i>Olavius vacuus</i>	95.95	338	12686	3.14
OvacBAH2-bin4-gamma	gammaproteobacterial symbiont	<i>Olavius vacuus</i>	77.98	382	5615	1.97
OvacBEL1-8372-bin10-gamma-b	gammaproteobacterial symbiont	<i>Olavius vacuus</i>	94.76	1267	6734	7.58
OvacBEL1-8372-bin2-spiro	spirochaetal symbiont	<i>Olavius vacuus</i>	93.95	122	23243	1.95
OvacBEL1-8372-bin5-beta-b	betaproteobacterial symbiont	<i>Olavius vacuus</i>	87.51	220	9904	1.67
OvacBEL1-8604-bin2-spiro	spirochaetal symbiont	<i>Olavius vacuus</i>	95.54	115	28182	1.91
OvacBEL1-8604-bin3-gamma	gammaproteobacterial symbiont	<i>Olavius vacuus</i>	95.6	1488	6283	8.35
OvacBEL1-8604-bin6-beta	betaproteobacterial symbiont	<i>Olavius vacuus</i>	90.38	95	31779	1.76
OvacBEL2-bin11-beta	betaproteobacterial symbiont	<i>Olavius vacuus</i>	78.67	197	8876	1.41
OvacBEL2-bin3-gamma	gammaproteobacterial symbiont	<i>Olavius vacuus</i>	92.27	104	21399	1.62