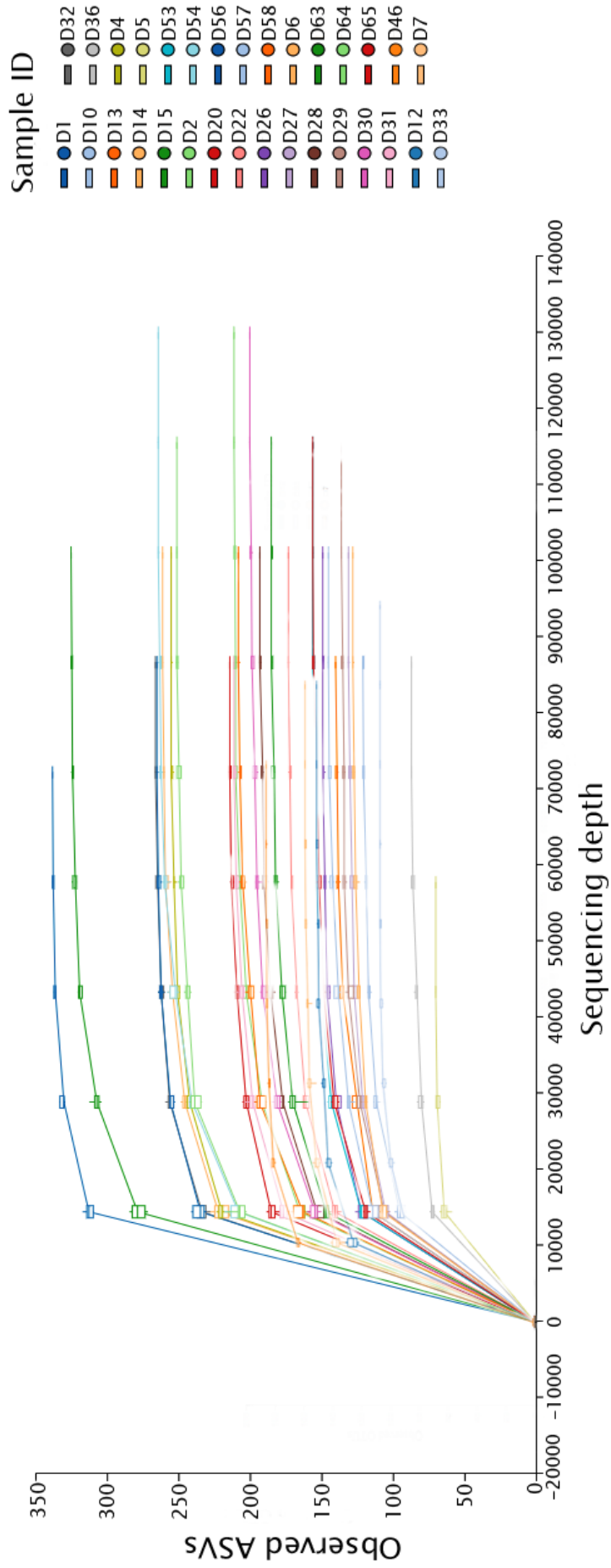


**Table S1.** Data from the *L. vulgaris* paralarvae analysed in this study (ID) arranged by dorsal mantle length (DML). Details of collection are shown with location codified as North = North Galicia and South = South-west Galicia. Strata refers to the depth layer where paralarvae were collected and bottom depth indicates the mean depth along the transect. The details of the sequencing reads are shown for each paralarva. NA: data not available.

ID	Month	Year	Site	Day/ Night	Strata (m)	Bottom depth (m)	DML (mm)	Age (days)	Number of prey	Reads				
										Prey	Unassigned	Contami- nation	Host	Total
D1	6	2017	South	Night	25	35	1.61	2**	11	8956	14953	1765	48655	74328
D28	6	2017	North	Day	103*	109	2.00	3	4	1590	4843	315	105169	111917
D4	7	2017	South	Night	25	85	2.25	11	3	2360	12014	2638	91290	108302
D22	10	2018	South	DIA	40	55	2.42	4	2	414	6800	2099	99689	109002
D63	10	2018	South	Night	5	55	2.49	4	0	0	4808	1371	112498	118677
D5	7	2017	South	Day	5	55	2.52	6	2	448	1526	1008	55604	58586
D36	10	2017	South	Night	5	55	2.57	18	10	42217	1275	1112	48237	92841
D57	7	2018	South	Day	25	35	2.62	18**	7	3525	2567	570	96682	103344
D6	7	2017	South	Day	25	55	2.70	6	7	4918	2283	334	99979	107514
D10	7	2017	South	Night	15	55	2.73	7	5	2133	3822	778	94035	100768
D53	11	2017	South	Night	25	85	3.01	7**	0	0	4204	494	116911	121609
D2	6	2017	South	Day	25	55	3.04	9**	4	2355	7874	1947	118116	130292
D64	10	2018	South	Night	15	85	3.07	9	8	28745	10159	2747	76848	118499
D13	5	2018	South	Night	15	55	3.18	12	8	1934	3591	296	94761	100582
D27	6	2017	North	Night	124*	133	3.22	26	2	953	3798	134	98391	103276
D58	7	2018	South	Night	15	55	3.22	12	3	128	8381	733	104571	113813
D46	10	2017	South	Day	5	55	3.22	8	4	946	6578	45	63073	70642
D14	5	2018	South	Night	15	85	3.31	23	4	3431	19144	6516	82103	111194
D7	7	2017	South	Night	15	35	3.35	12	7	474	9029	74	69769	79346
D54	5	2018	South	Day	40	55	3.56	10	6	2846	14602	914	112676	131038
D56	6	2018	South	Night	25	85	3.59	14	3	2139	8787	972	78614	90512
D31	6	2017	North	Night	79*	128	3.62	27	6	2612	9142	113	85710	97577
D33	6	2017	North	Night	82*	131	3.65	NA	1	21	6488	154	79743	86406
D30	6	2017	North	Night	79*	128	3.81	18	5	2790	6857	550	123300	133497
D20	7	2018	South	Night	15	55	4.58	24	4	873	7391	68	83043	91375
D29	6	2017	North	Day	80*	135	4.68	18	0	0	5119	546	110051	115716
D32	6	2017	North	Night	80*	126	5.29	20**	0	0	9963	131	82695	92789
D15	6	2018	South	Night	15	105	5.95	20	2	5475	14732	3486	88236	111929
D12	11	2017	South	Night	15	85	6.01	28	4	33256	3520	0	47383	84159
D26	5	2018	Portugal	Night	117*	120	NA	NA	2	1941	5349	2371	93635	103296
D65	6	2017	North	Night	82*	131	NA	NA	4	977	7567	137	120370	129051

\* Indicates the maximum water column depth of the bongo hauls, exact depth is unknown.

\*\* Statolith rings could not be read and age was estimated by following the ML/age model.



**Figure S1.** Alpha rarefaction curves of mtCOI reads for each paralarvae sampled.