Benthic Fauna eDNA Matrix BSL Project 231 Muir Mhór

Taxa	Phylum	MM_OWF_01_SEC_DNA	MM_OWF_13_SEC_DNA	MM_OWF_15_SEC_DNA	MM_OWF_18_SEC_DNA	MM_OWF_02_SEC_DNA	MM_OWF_03_SEC_DNA	MM_OWF_04_SEC_DNA	MM_OWF_05_SEC_DNA	MM_OWF_06_SEC_DNA	MM_OWF_07_SEC_DNA	MM_OWF_08_SEC_DNA	MM_OWF_11_SEC_DNA	MM_OWF_20_SEC_DNA	MM_OWF_45_SEC_DNA	MM_OWF_47_SEC_DNA	MM_OWF_64_SEC_DNA	MM_OWF_65_SEC_DNA	MM_OWF_22_SEC_DNA	MM_OWF_26_SEC_DNA	MM_OWF_28_SEC_DNA	MM_OWF_30_SEC_DNA	MM_OWF_32_SEC_DNA	MM_OWF_36_SEC_DNA	MM_OWF_41_SEC_DNA	MM_OWF_44_SEC_DNA
eDNA Taxa - Benthic Fauna 18S + CO1 Primers																										
Ampharete falcata	Annelida												4													
Amphicorina mobilis	Annelida													1856												
Aphrodita aculeata	Annelida																								391	
Apistobranchus typicus	Annelida									347																
Aurospio	Annelida																								91	
Caulleriella parva	Annelida										5														18	
Chaetozone setosa	Annelida							7																		
Dodecaceria concharum	Annelida			543																						
Dorvilleidae	Annelida																			29						
Euchone rosea	Annelida													2												
Eumida bahusiensis	Annelida	6																								
Gattyana cirrhosa	Annelida							14			19															
Glycera	Annelida				18									1				41					28			
Glycera alba	Annelida			292	257									148				1453								
Goniadella bobrezkii	Annelida																						1352			
Goniadidae	Annelida																						14			
Harmothoe imbricata	Annelida			51								25														
Lumbrineris latreilli	Annelida			51																786		2				
Malmgreniella mcintoshi	Annelida																					52		136		
Nephtys	Annelida	671								41						133										5
Nephtys hombergii	Annelida						33						26		82											
Nereimyra punctata	Annelida			233																						
Nereis zonata	Annelida			12																						
Notophyllum foliosum	Annelida																					28641				
Pholoe	Annelida													4												
Pholoe baltica	Annelida	141					19		494		39		346	4855	11										94	
Phyllodocidae	Annelida	76				26																367		612		47
Pisione puzae	Annelida				24															8	11					
Pisione remota	Annelida				13																29	238				
Polychaeta	Annelida	15													14											
Polycirrus eximius	Annelida													4				79								
Polynoidae	Annelida			199							6	973												18		
Pseudomystides limbata	Annelida															5135					7262					
Sphaerosyllis	Annelida	128										34				15							43	197		121
Spionidae	Annelida																				38		252			
Spiophanes kroeyeri	Annelida																	881								
Spiophanes kroyeri	Annelida			12	1																	27				
Syllidae	Annelida																				45					
Terebellidae	Annelida				53							27				195		35		6			14			27
Trichobranchus roseus	Annelida												523													
Typosyllis anoculata	Annelida																		3							
Ampeliscidae	Arthropoda																						397			
Arthropoda	Arthropoda																								47	
Nototropis vedlomensis	Arthropoda																							18		
Verruca stroemia	Arthropoda												14													
Psammorhynchus tubulipenis	Chordata																		8							
Pyura	Chordata																	26								
Actiniaria	Cnidaria																	71								
Anthoathecata	Cnidaria	182	19	29	212	152	316		89			69	72	78	37	368		16	85	56		42	63	74	71	25
Ceriantheopsis americana	Cnidaria																				42					
Helgicirrha cari	Cnidaria																19									
Hybocodon prolifer	Cnidaria					16			17																16	
Hydrozoa	Cnidaria													6		52										
Leuckartiara nobilis	Cnidaria				12																					
Leuckartiara octona	Cnidaria				9																					
Amphiura filiformis	Echinodermata					27		9	479		85														241	
Asterias rubens	Echinodermata			373																						
Echinocardium cordatum	Echinodermata	15447	7618	414	739	4465	8536	794	7425	345	763	13562	75	2	7476	7211	6	2149		1		32		14782	2147	13458
Echinocardium flavescens	Echinodermata	852	2	691				169	475	1836	95	1285		2	5161					52			29	1226	178	99
Echinocyamus pusillus	Echinodermata	9942		4	8	116	359	114	536		5591				542			2						1451		5
Echinoidea	Echinodermata	4	12	7		5	12				13	3	2		26	1			3					4		7
Echinus	Echinodermata													23												
Ophiocten affinis	Echinodermata				3				2																	5
Ophiuroidea	Echinodermata	3			18		114								177			32		4			13			11
Psammechinus miliaris	Echinodermata			59																						
Spatangoida	Echinodermata	1771	612	188	254	4311	2716		826	112	1245	279	1416		3299	31		69	135	121	15	71	4	918	31	377
Spatangus purpureus	Echinodermata								2326		459	31	1791											342		595
Abra	Mollusca																	126								
Abra prismatica	Mollusca			12																						
Carditida	Mollusca								11											33			322			83
Cephalaspidea	Mollusca					297																				
Embletonia pulchra	Mollusca			157										5							51	4		45		
Gastropoda	Mollusca				163											579		478		921	18		538			81
Hiatella arctica	Mollusca																					37				
Lepidopleurida	Mollusca			426										25										466		
Littorinimorpha	Mollusca													6						17	34					
Mactridae	Mollusca															35							228			
Modiolus modiolus	Mollusca													17									112	216		
Moerella pygmaea	Mollusca				7																					
Pectinidae	Mollusca			94																						
Psammobiidae	Mollusca																						43			
Adenophorea	Nematoda	9	2	46	21	53	28		38	11				2	134			62			35	879	1		24	
Araeolaimida	Nematoda	13					154		2		38		41	1												
Calomicrolaimus parahonestus	Nematoda		38															1		6						
Chromadoridae	Nematoda	43	17	151	52	1			154			44				5		8		13	15		34	48	26	73
Chromadorita	Nematoda	16		16					22	3	6		2		66					1					19	
Desmodora	Nematoda																			31						
Desmodoridae	Nematoda		461			88			27	35			41	1	11	36		9			49		44			
Draconema japonicum	Nematoda													18						131			2			
Enoplida	Nematoda															18										
Enoploides brunettii	Nematoda																						28			
Monhysterida	Nematoda																		14		15		4			
Nematoda	Nematoda		85																							
Paracyatholaimus intermedius	Nematoda															32										
Lineidae	Nemertea													9					3154					53		17
Micrura fasciolata	Nemertea													87												
Monostilifera	Nemertea											93														
Nemertopsis flavida	Nemertea																								67	
Odontorhynchus aculeatus	Platyhelminthes													33			31									
Aaptos	Porifera				39																					
Demospongiae	Porifera																				317					
Homaxinella subdola	Porifera				425																					
Golfingia vulgaris	Sipuncula		114																							
Tracheophyta	Tracheophyta					13																				