Table S1: Fish species list around WZZ detected using eDNA and abundance of eDNA reads at each sampling site.

Species	**eDNA reads**					
	WZZ-1	WZZ-2	WZZ-3	WZZ-4	WZZ-5	WZZ-6
Lethrinus atkinsoni	71	4	0	0	1	2
Pempheris adusta	2	3	0	1	2	158
Istiblennius edentulus	14698	2263	3024	2445	6717	2522
Gerres oyena	41	401	596	1098	4425	2619
Parablennius yatabei	0	1	2	1	0	3
Epinephelus multinotatus	0	0	11	1	0	0
Plectroglyphidodon leucozonus	413	4048	3473	674	33	31
Cephalopholis argus	6	6	1	227	594	8
Plectroglyphidodon obreptus	7	4	137	59	4	14
Sphyraena jello	20	15	1193	150	4	16
Entomacrodus decussatus	865	849	1328	499	0	0
Chirocentrus dorab	1	0	0	1	7	12
Gymnothorax undulatus	2	2	2	1	0	164
Chrysiptera brownriggii	1	1	211	73	0	0
Rhinecanthus aculeatus	7	9	11	505	412	3
Scolopsis ciliata	13	8	3	29	86	2277
Thryssa kammalensis	0	5	0	0	0	0
Cheilinus sp.	1	269	5	115	92	3
Siganus spinus	22	1028	458	196	8	10
Pomadasys maculatus	0	0	1	495	2	1
Chelon macrolepis	720	6409	2247	4396	24413	6085
Atherinomorus regina	14	1	0	1	0	5
Elops machnata	12	5	58	5	2	718
Lutjanus monostigma	0	732	8	3	3	1
Kyphosus vaigiensis	12845	408	4619	553	1790	1502
Plectroglyphidodon dickii	2	2	323	113	0	0
Entomacrodus striatus	2012	1727	2736	1010	0	0
Zenarchopterus dunckeri	0	0	0	1	0	0
Abudefduf sordidus	28227	19625	41563	18443	7497	41327
Istiblennius dussumieri	1	0	0	730	2081	17
Hyporhamphus dussumieri	6	7	5	1	744	296
Exallias brevis	5	166	2	2	0	0
Lethrinus ornatus	263	0	156	2	2	4
Parupeneus ciliatus	0	0	0	1	2	260
Stethojulis terina	4	199	238	180	217	206
Blenniella bilitonensis	0	0	0	115	289	1
Echidna polyzona	2	12	6	370	4	4
Engyprosopon multisquama	0	0	0	1	5	0
Sillago sihama	2	1	7	6	4	1183
Tylosurus crocodilus	1	2	0	0	159	390

Alepes vari	1982	10	253	7	6	0
Enneapterygius philippinus	33	1013	1658	624	141	2
Trachinotus baillonii	147	6	4	4	670	1
Centropyge vrolikii	0	0	3	4	5	949
Chaetodon rafflesii	0	0	2	471	0	1
Chelon haematocheilus	0	1	0	0	2	56
Entomacrodus thalassinus	275	1350	417	176	0	1
Siganus fuscescens	24306	18127	19257	61624	62153	28439
Caesio caerulaurea	131	119	274	4254	2912	1410
Diagramma melanacrum	0	0	0	127	351	3
Lethrinus harak	4	3	205	637	176	170
Hemigymnus melapterus	3	3	1	185	1	236
Stethojulis bandanensis	8	272	3	3	1	0
Acanthurus triostegus	0	0	0	0	2	389
Cephalopholis boenak	21	177	23	9	379	125
Gerres erythrourus	18	8	15	303	6	310
Odonus niger	0	0	0	3	3	0
Gymnothorax pictus	2	261	1	3	1	3
Saurida undosquamis	1	0	0	0	0	8
Clupanodon thrissa	0	2	0	0	3	159
Gymnothorax flavimarginatus	2	0	0	2	0	173
Lethrinus xanthochilus	0	0	1	63	163	1
Pempheris xanthoptera	4	125	4	17	56	7037
Abudefduf notatus	9	8	846	306	1	14
Pseudobalistes flavimarginatus	3	205	2	5	1	0
Sardinella lemuru	1	0	0	1	4	1
Ellochelon vaigiensis	4	3	0	0	170	2
Alepes djedaba	114	7	10	2	1	4
Collichthys lucidus	0	7	0	453	4	1
Encrasicholina heteroloba	6	9	142	415	7	8
Lates calcarifer	9	6	2	3	4	3
Oedalechilus labiosus	3119	8964	11224	5331	1350	3134
Scarus rivulatus	29	401	169	182	4	1155
Scatophagus argus	0	3	16	9	0	0
Pomacentrus chrysurus	8	6	5	4	1	0
Lutjanus fulviflamma	135	12	195	3	8	1341
Thalassoma sp.	504	483	12	1547	368	62
Myripristis kuntee	0	0	0	78	203	3
Alepes kleinii	21	70	38	12	9	39
Ostorhinchus cookii	245	128	411	168	31	1359
Cynoglossus robustus	0	0	0	0	0	6
Ostorhinchus fasciatus	10	8	8	220	153	315
Bathygobius cotticeps	43	0	0	1	3	79
Odontamblyopus lacepedii	0	0	0	3	3	155

Neopomacentrus cyanomos	0	0	5	0	0	0
Plesiops coeruleolineatus	4	79	3	335	3	0
Decapterus maruadsi	126	4	9	1328	108	1016
Siganus sp.	4	15	24	41	8	10
Dendrophysa russelii	0	0	0	0	5	181
Favonigobius reichei	0	0	0	5	4	0
Ostracion cubicus	3	86	1	0	0	0
Abudefduf sexfasciatus	0	11	32	7	19	18
Caranx sexfasciatus	25	0	2	0	1	0
Sardinella gibbosa	4	2	4360	2539	189	1457
Secutor ruconius	4	0	2	0	48	8
Coris gaimard	278	6	1	0	0	0
Trachinotus ovatus	586	238	1258	491	196	573
Gymnomuraena sp.	26	21	10	832	8	7
Lutjanus malabaricus	0	0	0	0	1	0
Enneapterygius bahasa	96	1	0	0	0	0
Bregmaceros mcclellandi	4	3	2	0	1	350
Parascorpaena mossambica	0	0	0	2	8	265
Aetobatus narinari	7	0	0	0	0	0
Callionymus meridionalis	0	0	0	0	0	12
Atherinomorus lacunosus	32	18	554	584	2638	4800
Sardinops sagax	0	9	0	0	0	0
Aluterus scriptus	6	5	379	3	1	0
Glossogobius celebius	0	1	0	0	0	0
Abudefduf septemfasciatus	94	1197	1266	592	452	95
Dysomma anguillare	3	0	0	1	0	90
Chelon affinis	2	3	0	2	6	119
Thunnus tonggol	5	78	8	2	4	4
Chrysiptera glauca	21	262	1457	538	3	0
Acropoma japonicum	35	13	78	43	7	16
Upeneus japonicus	7	3	262	9	13	12
Trachurus japonicus	0	0	0	0	2	5
Gymnothorax kidako	193	268	410	153	6	286
Epinephelus trimaculatus	0	409	5	5	2	0
Stethojulis trilineata	1	1	79	26	0	0
Istigobius ornatus	14	1740	22	426	577	1055
Chrysiptera biocellata	0	0	0	170	434	1
Pterocaesio digramma	5	6	1030	702	1278	1643
Kyphosus bigibbus	1	0	0	1	4	161
Enneapterygius sp.	0	22	584	171	2	1
Chaetodon auriga	0	0	0	92	0	0
Valamugil speigleri	2	1	0	11	29	0
Pelates quadrilineatus	0	4	0	1	151	1
Herklotsichthys quadrimaculatus	12	3	860	356	674	12544

Chaetodon plebeius	0	0	2	5	177	1
Helcogramma fuscipectoris	18381	3774	3564	1388	167	8531
Andamia tetradactylus	7933	1233	2419	904	0	3
Scomber japonicus	0	288	76	875	7	2
Ammodytes personatus	0	5	1	8	11	0
Caranx tille	3	4	241	227	407	2
Hypoatherina temminckii	23	16	29	254	601	394
Engraulis sp.	15	94	1775	11	14	13
Gymnomuraena zebra	0	3	2770	12	4	0
Acentrogobius viganensis	20	13	113	38	15	176
Cromileptes altivelis	3	0	235	102	10	288
Stolephorus waitei	1	0	0	0	0	0
Entomacrodus caudofasciatus	922	130	13	8	0	0
Ambassis urotaenia	0	0	0	0	5	0
Carcharhinus melanopterus	13	16	0	3	278	32
Chrysiptera unimaculata	25	217	245	283	474	6
Fistularia commersonii	1057	17	608	10	1	8
Abudefduf vaigiensis	7340	5694	14555	6223	6869	12173
Gymnothorax fimbriatus	5	8	3	1	45	163
Cantherhines pardalis	13	20	292	561	45	115
Terapon jarbua	0	1	0	6	18	2
Salarias fasciatus	5	9	0	2	110	142
Plotosus lineatus	0	0	0	0	2	381
Bathygobius hongkongensis	1	1	5	10	26	1094
Nuchequula nuchalis	0	0	0	0	1	1
Sardinella sp.	4054	0	0	2	185	0
Gazza minuta	2	2	3	1	0	5
Arothron stellatus	13	16	0	3	11	32
Siganus guttatus	978	3287	2639	3420	1993	10547
Lethrinus nebulosus	0	8	0	0	0	0
Lutjanus stellatus	0	0	1	1	5	0
Spratelloides delicatulus	0	0	0	416	1169	584
Moolgarda seheli	36	156	33	402	5256	2104
Platax teira	1	3	15	4	3	0
Platax sp.	7	5	3	725	2	4
Cirrhitus pinnulatus	137	267	2	1	1	1
Spratelloides gracilis	0	0	1	197	534	219
Branchiostegus argentatus	113	0	0	0	0	0
Encrasicholina punctifer	275	15	26	12	8	29
Ostorhinchus sp.	3171	0	1	4	1	347
Anampses caeruleopunctatus	58	3	318	8	5	167
Rastrelliger kanagurta	1	3	0	0	0	0
Halichoeres marginatus	167	324	238	76	2	1
Gymnothorax chilospilus	292	1	1	0	1	0

Echidna nebulosa	96	1924	593	807	27	1220
Gerres filamentosus	2	1	8	6	7	1
Kyphosus cinerascens	691	953	1434	357	107	88
Siganus canaliculatus	648	1513	853	647	878	421
Decapterus macrosoma	1	0	0	0	0	0
Pseudogobius javanicus	1	2	2	3	3	68
Selar crumenophthalmus	0	0	0	1	1	125
Halichoeres argus	4	114	5	219	4	77
Mugilogobius chulae	0	1	0	1	3	1
Mugil cephalus	2	4	37	327	990	9
Kuhlia mugil	1655	2	2	0	0	0
Cirripectes imitator	15	458	1689	666	0	0
Lutjanus argentimaculatus	0	0	0	0	2	422
Lagocephalus spadiceus	21	64	24	23	0	0
Epinephelus fuscoguttatus	26	738	406	222	354	151
Scarus psittacus	0	241	4	0	0	0