The following supplement accompanies the article

First identification of a fatal fungal infection of the marine sponge *Chondrosia reniformis* by *Aspergillus tubingensis*

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Table S1. Sequences of oligonucleotides used as primers for PCR reactions. The asterisks indicate the reference sequence for each primer set (GenBank Accession number or literature): * KM217385 sequence; ** KR072662 sequence; *** KR072664 sequence; ****Glass & Donaldson (1995).

Name	***Sequence (5'-3')***	***Position***
Fgapd (forward)	5'-AAGCCACCATCAAGAAGG-3'	882-899*
Rgapd (reverse)	5'-CCACCAGTTTCACAAAGC-3'	1,023-1,040*
Ftnf (forward)	5'-AGAAATCGCCAGAAGCAAGTTG-3'	210-231**
Rtnf (reverse)	5'-GATGAGCACATTGATAGCAGACC-3'	264-286**
Ftnfr (forward)	5'-CAACAAGAAGGTAGCCATTATC-3'	604-625***
Rtnfr (reverse)	5'-ACCAAGCATTACTACAGTTAGG-3'	756-777***
Bt2a (forward)	5'-GGTAACCAAATCGGTGCTGCTTTC-3'	352-357****
Bt2b (reverse)	5'-ACCCTCAGTGTAGTGACCCTTGGC-3'	824-847****

Table S2. Two-way ANOVA statistical analysis of qPCR_chTNF (Fig. 3)

Source	df	SS	F	p
Time	1, 8	0.326	0.522	0.491
Treatment	1, 8	21.226	33.905	**0.0003**
TimeXTreatment	1, 8	0.326	0.522	0.491
Residuals	8	5.008		
Total	11			

Table S3. Two-way ANOVA statistical analysis of qPCR-chTNFR (Fig. 3)

Source	df	SS	F	p
Time	1, 8	0.075	0.323	0.585
Treatment	1, 8	0.585	2.511	0.152
TimeXTreatment	1, 8	0.075	0.323	0.585
Residuals	8	1.863		
Total	11			

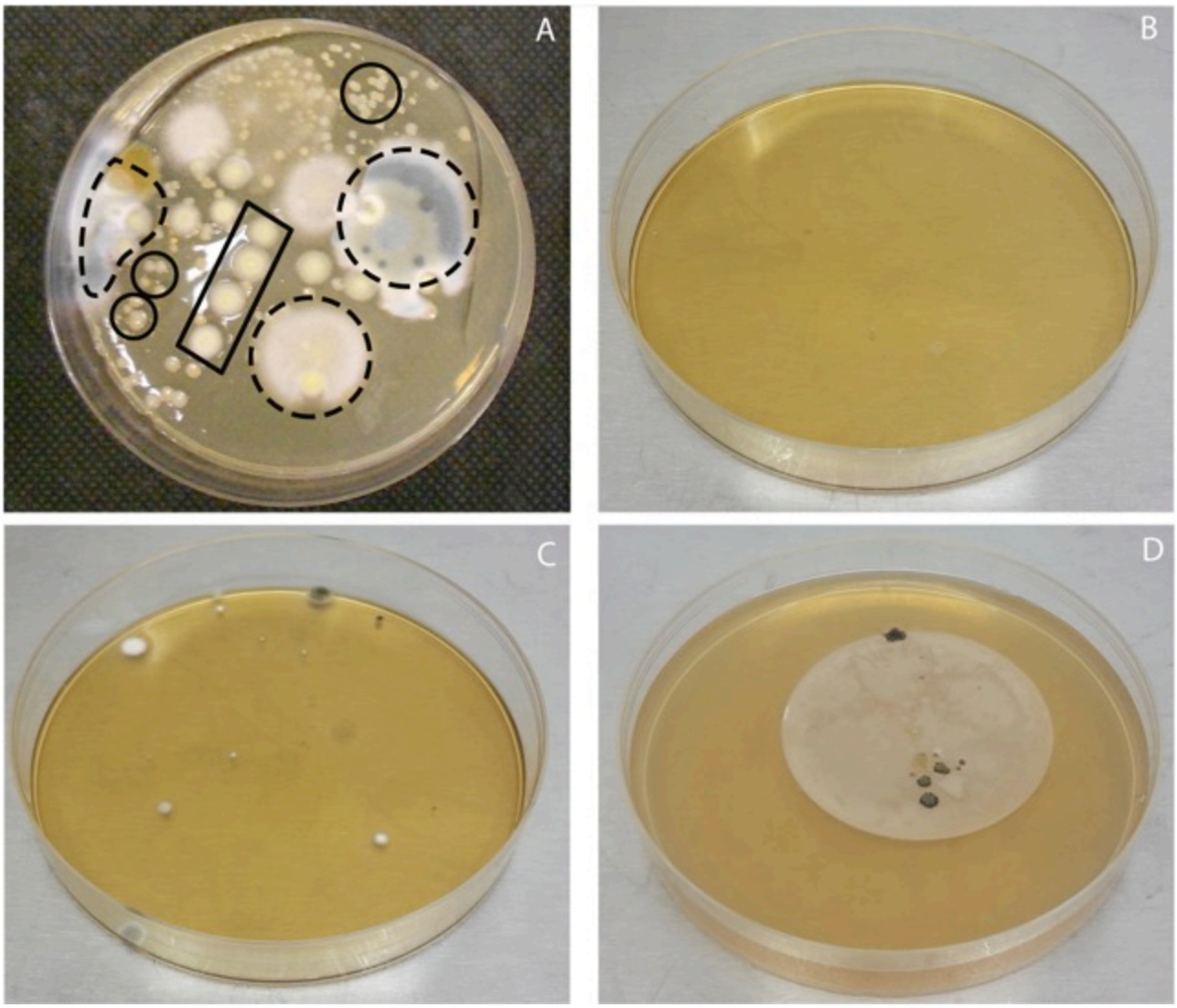

Figure S1. (A) Colonies growing on Petri dish in contact with filter plastic balls of the aquarium where diseased sponges were observed. Not pathogenic fungi belonging to the genus *Penicillium* (dotted circles), bacterial colonies (full circles) and yeast colonies (rectangular box) are observable. (B) Petri dish inoculated with water from the aquarium where diseased sponges were observed; (C) Petri dish exposed for 7 days to the air in the aquarium facility; (D) Petri dish in contact with a filter exposed for 4 h to a forced air flux in the aquarium facility.

LITERATURE CITED

Glass NL, Donaldson GC (1995) Development of primer sets designed for use with the PCR to amplify conserved genes from filamentous ascomycetes. Appl Environ Microbiol 61:1323–1330