

**Oligonucleotides and FISH probe used in the study, related to Figures 1-3.**

Target (ID)	Forward primer (5' to 3')	Reverse primer (5' to 3')	Source	Identifier
<i>C. albicans</i> (qPCR)	TTT ATC AAC TTG TCA CAC CAG A	ATC CCG CCT TAC CAC TAC CG	Integrated DNA Technologies (IDT)	N/A
<i>S. cerevisiae</i> (qPCR)	AGG AGT GCG GTT CTT TG	TAC TTA CCG AGG CAA GCT ACA	Integrated DNA Technologies (IDT)	N/A
Fungi (18S, qPCR)	GGRAAACTCACCAGGTCCAG	GSWCTATCCCCAKCACGA	Liu et al., 2012	N/A
Bacteria (16S, qPCR)	AGAGTTTGATCMTGGCTCAG	CTGCTGCCTYCCGTA	Integrated DNA Technologies (IDT)	N/A
Mouse <i>Rp32</i> (qPCR)	AAG CGA AAC TGG CCG AAA C	TAA CCG ATG TTG GGC ATC AG	Integrated DNA Technologies (IDT)	N/A
Fungal (ITS1-2-next generation sequencing)	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGCTTGGTCATTAGAGGAAGTAA	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGGCTGCGTTCTTCATCGATGC	Integrated DNA Technologies (IDT)	N/A
16S rRNA Eubacteria Probe EUB338 (FISH)	/5Cy5/GCT GCC TCC CGT AGG AGT	N/A	Daims et al., 1999	N/A