**Table S3. Primer and probe sequences used in qPCR assays.**

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| **Target** | **Name** | **Sequence 5’-3’** | **References** |
| *Dientamoeba fragilis* | DF3DF4DP | GTT GAA TAC GTC CCT GCC CTT TTGA TCC AAT GAT TTC ACC GAG TCAFAM-CAC ACC GCC CGT CGC TCC TAC CG-TAMRA | 37 |
| *Blastocystis* spp. (SSU rRNA) | BL18SPPF1BL18SR2PP | AGT AGT CAT ACG CTC GTC TCA AATCT TCG TTA CCC GTT ACT GC | 36 |
| *Blastocystis* spp. (MLOsrRNA) | MLOsrDNA-D1MLOsrDNA-R1 | GAC ATT GAT AGA CGA AAGGTA GCA CAT GTG TAG CCC | 51 |
| *16S rRNA* (total bacteria) | F\_Bact1369 P\_TM1389F  | CGG TGA ATA CGT TCC CGGCTT GTA CAC ACC GCC CGT C  | 55 |
| *Enterobacteriaceae*  | Eco1457F Eco1652R | CAT TGA CGT TAC CCG CAG AAG AAG CCTC TAC GAG ACT CAA GCT TGC | 54 |
| *Bacteroides* sp. | F\_Bacter11 R\_Bacter08 P\_Bac303 | CCT WCG ATG GAT AGG GGT TCAC GCT ACT TGG CTG GTT CAGVIC-AAG GTC CCC CAC ATT G | 55 |
| *Lactobacillus* sp. | F\_Lacto05 R\_Lacto04  | AGC AGT AGG GAA TCT TCC A CGC CAC TGG TGT CTY TCC ATA TA | 55 |
| *Desulfovibrio* sp. | DSV691-F DSV826-R  | CCG TAG ATA TCT GGA GGA ACA TCA GACA TCT AGCATC CAT CGT TTA CAG C | 52 |
| *Bifidobacterium* sp. | LM26Bif228 | GAT TCT GGC TCA GGA TGA ACGCCTG ATA GGA CGC GAC CCC AT | 53 |
| *C. coccoides*  | F\_Ccoc07 R\_Ccoc14 | GAC GCC GCG TGA AGG AAGC CCC AGC CTT TCA CAT C | 55 |
| *C. leptum*  | F\_Clept 09 R\_Clept 08  | CCT TCC GTG CCG SAG TTAGAA TTA AAC CAC ATA CTC CAC TGC TT | 55 |
| *F. prausnitzii* | Fpra428FFpra583RFpra493PR | Tgt aaa ctc ctg ttg ttg agg aag ataGcg ctc cct tta cac ccaFam-caa gga agt gac ggc ta acta cgt gcc ag-tamra | 56 |