

Table S3. Comparison of the phyla in GI tract samples of fish from CR and TR. Mean proportion were calculated across tank replicate. ND indicate that the phylum was not detected.

Phyla	Stages	Proportion by Treatment	
		CR	TR
Acidobacteria	14dpf	0.386%	0.047%
Actinobacteria	14dpf	5.121%	8.808%
Armatimonadetes	14dpf	ND	0.892%
Bacteroidetes	14dpf	0.357%	12.935%
Chlamydiae	14dpf	ND	0.007%
Chloroflexi	14dpf	ND	0.022%
Firmicutes	14dpf	27.174%	14.512%
Fusobacteria	14dpf	0.004%	ND
OP11	14dpf	0.004%	ND
Planctomycetes	14dpf	0.091%	ND
Proteobacteria	14dpf	65.599%	53.703%
Verrucomicrobia	14dpf	0.193%	6.487%
unclassified	14dpf	1.071%	2.586%
Phyla	Stages	CR	TR
Acidobacteria	21dpf	0.175%	5.912%
Actinobacteria	21dpf	22.613%	13.370%
Armatimonadetes	21dpf	0.040%	0.863%
Bacteroidetes	21dpf	0.062%	15.255%
Chlamydiae	21dpf	0.113%	0.071%
Chlorobi	21dpf	ND	0.033%
Chloroflexi	21dpf	0.543%	0.301%
Fusobacteria	21dpf	ND	3.590%
Firmicutes	21dpf	20.224%	5.508%
Gemmatimonadetes	21dpf	0.011%	1.027%

Lentisphaerae	21dpf	ND	0.005%
Nitrospira	21dpf	ND	0.098%
OD1	21dpf	ND	0.175%
OP11	21dpf	ND	0.055%
Planctomycetes	21dpf	0.433%	0.301%
Proteobacteria	21dpf	54.992%	41.788%
SR1	21dpf	ND	0.022%
Synergistetes	21dpf	ND	0.153%
TM7	21dpf	0.015%	0.038%
Verrucomicrobia	21dpf	0.124%	3.344%
unclassified	21dpf	0.656%	8.092%
Phyla	Stages	CR	TR
Acidobacteria	36dpf	0.014%	ND
Actinobacteria	36dpf	0.344%	0.082%
Bacteroidetes	36dpf	0.011%	0.388%
Firmicutes	36dpf	93.536%	1.962%
Fusobacteria	36dpf	ND	2.595%
OD1	36dpf	ND	0.005%
Proteobacteria	36dpf	6.049%	94.328%
Verrucomicrobia	36dpf	0.003%	ND
unclassified	36dpf	0.044%	0.639%