Supplementary

Supplementary Table S1: BLAST analysis of Brazilian isolates, previously identified as *F. columnare*, based on sequencing of multiplex amplicon**.**

Isolate (Accession Number)	**Amplicon size (bp)**	**Identity (%)*** (Species, Id NCBI strain, Accession Number)	**Coverage (%)**
FC14 (PQ621430)	913	97.31 (*F. davisii*, strain 90-106, CP067378.1)	97
FC50 (PQ621432)	900	98.07 (*F. davisii*, strain 90-106, CP067378.1)	98
FC07 (PQ621429)	680	98.52 (*F. oreochromis*, strain Costa Rica 04-02-TN, CP067377.1)	98
FC27 (PQ621431)	672	99.95 (*F. oreochromis*, strain Costa Rica 04-02-TN, CP067377.1)	99
FC04 (PQ621427)	328	99.06 (*F. covae*, strain C#2, CP015107.1)	97
FC05 (PQ621428)	338	96.64 (*F. covae*, strain C#2, CP015107.1)	96

*Identity based on the lowest E-value displayed after BLAST procedure (updated at 26/06/2024).

Supplementary Table S2: Sequences of primers used for the multiplex PCR to Flavobacterium species, including amplicon sizes. Information adapted from La Frentz et al., 2022 and LaFrentz et al., 2019 [10,11].

Primer	Targeted Flavobacterium species	Amplicon size (bp)	Sequence (5′ → 3′)
GG-fwd	All	–	ACRGGRGATAAAGCAGAASA
GG1-rev	*F. columnare*	415	GACTTTTGTGTTGAAACGG
GG2-rev	*F. covae*	320	AAGAAAATAGGGGAGAGG
GG3-rev	*F. davisii*	894	CAAGTTTCGTTATGATGAGG
GG4-rev	*F. oreochromis*	659	TCCAAAAAGTCCGMAATC