

**Supplementary Table S1.** Infection status of *CaMc* in *Opsariichthys uncirostris amurensis* from the water systems of Korea

Locality (year)	No. of fish examined	No. (%) of fish infected	No. of <i>CaMc</i> detected	
			Range	Average
Suiipcheon (2009)	5	1 (20.0)	-	3
Hongcheon-gang (2010)	2	2 (100)	1,460-2,290	1,875
Cheonnae-gang (2013-2015)	4	4 (100)	12-562	255
Yugucheon (2013, 2015)	18	18 (100)	182-5,240	871
Nonsancheon (2013)	7	2 (28.6)	1-2	2
Soyangcheon (2013)	1	1 (100)	-	2
Osucheon (2012)	21	16 (76.2)	3-35	11
Seomjin-gang in Sunchang (2014, 2015)	14	14 (100)	8-976	153
Seomjin-gang in Gurye (2014)	13	13 (100)	103-631	301
Naeseongcheon in Yecheon (2008, 2013)	19	14 (74.0)	1-203	32
Yeonggang (2009)	7	7 (100)	12-50	30
Nakdong-gang in Andong (2009)	8	8 (100)	2-973	130
Namdaecheon in Uiseong (2009)	10	9 (90.0)	2-34	12
Wicheon (2008, 2015, 2016)	10	10 (100)	24-748	305
Hoecheon (2013)	10	1 (10.0)	-	2
Jisucheon (2014)	4	4 (100)	64-728	352
Hamancheon (2014)	23	13 (56.5)	1-26	4
Hyeongsan-gang (2015)	3	3 (100)	41-446	222
Taehwa-gang (2015)	10	2 (20.0)	3-7	5
Total	292	217 (74.3)	1-4, 480	284