

Supplementary table 1. Results of bacterial culture. Number of fish per farm with *Tenacibaculum* spp., *Moritella viscosa* and *Aliivibrio wodanis* isolated from head ulcers, flank ulcers and kidney and from normal skin of control fish in the same farm. Growth of *Tenacibaculum* spp. is shown as sparse (S), moderate (M) and rich (R). n.d.= not done, - = not relevant

Farm ID	Fish with skin lesions	Head ulcer						Flank ulcer						Kidney						Control fish										
		<i>Tenacibaculum</i> spp.		S	M	R	<i>Moritella viscosa</i>	<i>Aliivibrio wodanis</i>	<i>Tenacibaculum</i> spp.		S	M	R	<i>Moritella viscosa</i>	<i>Aliivibrio wodanis</i>	<i>Tenacibaculum</i> spp.		S	M	R	<i>Moritella viscosa</i>	<i>Aliivibrio wodanis</i>								
		Total	spp.						Total	spp.						Total	spp.						Total	spp.						
Farm 01	7	2	1	0	1	0	0	0	7	7	2	3	2	0	1	7	3	1	2	0	0	0	0	0	-	-	-	-	-	-
Farm 02	5	5	5	0	0	5	0	1	1	1	0	0	1	0	1	5	0	-	-	-	0	2	5	0	-	-	-	0	5	
Farm 03	5	5	5	2	3	0	0	0	0	-	-	-	-	-	5	0	-	-	-	3	0	5	0	-	-	-	3	3		
Farm 04	4	4	3	3	0	0	0	5	0	-	-	-	-	-	4	0	-	-	-	0	1	0	-	-	-	-	-	-		
Farm 05	5	3	3	0	1	2	0	0	2	2	0	0	2	0	0	5	0	-	-	-	0	0	0	-	-	-	-	-		
Farm 06	5	5	5	0	0	5	0	0	4	4	0	1	3	0	1	5	0	-	-	-	0	0	0	-	-	-	-	-		
Farm 07	5	5	5	1	2	2	0	1	0	-	-	-	-	-	5	0	-	-	-	0	0	0	-	-	-	-	-	-		
Farm 08	7	7	5	1	3	1	3	2	5	3	0	1	2	4	0	7	0	-	-	-	0	0	3	0	-	-	-	2	0	
Farm 09	5	5	4	0	0	4	3	3	5	0	-	-	-	4	2	5	0	-	-	-	3	2	10	6	6	0	0	4	6	
Farm 10	5	5	5	1	3	1	0	2	0	-	-	-	-	-	5	0	-	-	-	0	1	0	-	-	-	-	-	-		
Farm 11	5	5	3	0	2	1	0	0	0	-	-	-	-	-	5	0	-	-	-	0	0	5	3	3	0	0	0	0		
Farm 12	5	5	3	0	2	1	0	0	2	1	0	0	1	0	0	5	0	-	-	-	0	2	5	0	-	-	-	0	0	
Farm 13	5	5	5	0	0	5	0	1	0	-	-	-	-	-	5	0	-	-	-	0	0	10	5	3	2	0	0	4		
Farm 14	5	5	5	0	2	3	0	2	3	3	1	2	0	0	2	5	0	-	-	-	0	1	0	-	-	-	-	-		
Farm 15	5	4	3	1	0	2	1	0	5	5	3	0	2	1	2	5	0	-	-	-	1	1	5	3	n.d.	n.d.	n.d.	0	1	
Total no. of fish	78	70	60	9	19	32	7	17	34	26	6	7	13	9	10	78	3	1	2	0	7	10	48	17	12	2	0	9	19	
Total no. of farms	15	15	15					3	8	9	7			3	6	15	1				3	7	8	4				3	5	