

**Table S1.** External and internal physical characteristics and behavior characteristics analyzed in the post-vaccination and post-infection periods and in necropsy, in control and vaccinated groups. dpv = days post-vaccination; dpi = days post-infection; C = control group; V = vaccinated group.

Clinical signs	1 dpv	1 dpi	4dpi	5 dpi	6 dpi	7 dpi	12 dpi	15 dpi	17 dpi	18 dpi	20 dpi	21 dpi	22 dpi	29 dpi	30 dpi	Necro psy
Anorexia																C
Exophthalmos																
Abdominal distension													C			C
Erratic swimming									C							
Skin lesions			C	C	C	C							C			
Opaque eyes									C				C			
Skin darkening									C							
Lethargy											C			C		
Hemorrhage					C	C							C	C		
Hemorrhagic lesions													C	C		
Fins Erosion									C					C		
Ulceration																
Peeling														C	C	
Low food intake	VC	VC													C	
Fluid in the visceral cavity																C
Gills necrosis																C
Alter in organ color																C
Alter in organ size																
Organ deterioration																C
Death							C	C		V		C	C		C	