

**Table S1:** Lethal concentration of chromium alone and combined stressors for different exposure in *P. lagowskii*.

Exposure Conc. (mg/L)	Initial No. of Test Fish	% Mortality Response (avg.)	LC50	95% Confidence Intervals
500	20	95	147.5mg/L	114.03–190.90
400	20	95		
300	20	85		
200	20	70		
100	20	15		
50	20	10		
Exposure with high temperature				
200	20	100	52.2mg/L	44.46–61.14
150	20	90		
100	20	70		
75	20	65		
50	20	40		
25	20	20		

**Table S2:** Histopathological alterations of liver, gill and kidney.

Category of Alteration	Examples of Specific Tissue Alterations		
	Liver	Gills	Kidney
Circulators disturbers	Increase of sinusoidal space (1)	Vasodilation (1)	Vasodilation (1)
	Hemorrhage (1)	Hemorrhage (1)	Hemorrhage (1)
	Oedema (1)	Aneurysm (1)	Aneurysm (1)
	Irregular nucleus (1)	Oedema (1)	Oedema (1)
Regressive alterations	Cytoplasmic vacuolization (1)	Epithelial lifting of lamellae (1)	Epithelial lifting of lamellae (1)
	Nuclear degeneration (2)	Lamellar epithelial desquamation (1)	Lamellar epithelial desquamation (1)
	Pyknotic nucleus (2)	Fusion of lamellae (1)	Lamellar fusion (1)
	Hepatocellular necrosis (3)	Necrosis (3)	Necrosis (3)
Progressive alterations	Nuclear hypertrophy of hepatocyte (1)	Epithelium or mucous cells hypertrophy (1)	Hypertrophy of the gill epithelium or mucous cells (1)
	Cellular hypertrophy (1)	Epithelial hyperplasia (2)	Hyperplasia of the gill epithelium (2)
	Cellular hyperplasia (1)		
Inflammatory	Leucocytes infiltration (2)	Leucocytes infiltration (2)	Leucocytes infiltration (2)
Neoplastic	Not detected	Not detected	Not detected