

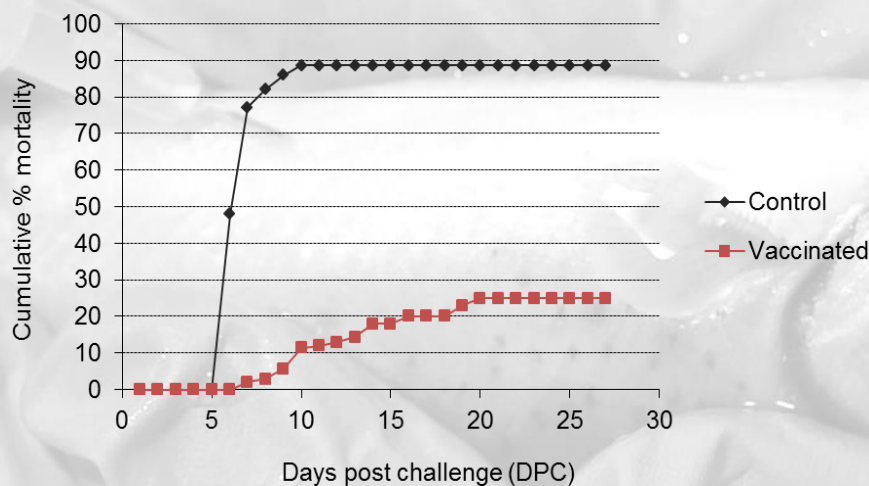
## ATLANTIC SALMON/ RAINBOW TROUT - *AEROMONAS SALMONICIDA*

### Introduction

*Aeromonas salmonicida* is the causative agent of furunculosis. This gram-negative bacterium infects salmonid species worldwide, with both typical and atypical strains causing disease. All salmonids are believed to be naturally susceptible to infection with *Aeromonas salmonicida*, and the bacterium has been isolated from a range of other species as well. VESO Vikan offers challenge models with *Aeromonas salmonicida* in salmon and rainbow trout.

### Challenge models to evaluate the effect of vaccination

Salmonid parr (pre-smolts) are acclimatized for a minimum of one week before vaccination. After the immunization period fish are challenged by i.p. injection or cohabitation. After challenge, mortality is recorded during an observation period of three to four weeks. Evaluation of the potency of the vaccine is based on differences in mortality in vaccinated and unvaccinated fish.



Mortality in groups of vaccinated and unvaccinated salmon i.p. injected with *Aeromonas salmonicida*.

### Available models

Fry	Fish		Water			Challenge model		
	Parr	Smolt	FW	SW	°C	Ip	Bath	Cohab
	X	X	X	X	12	X		X