

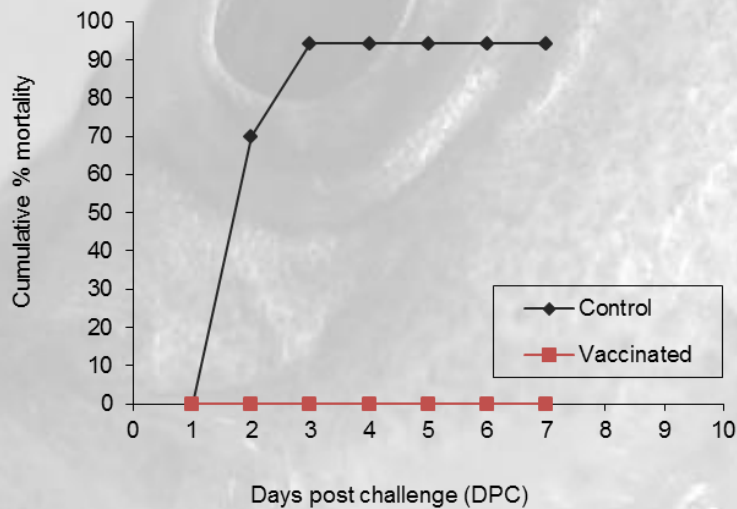
## SEABASS - *VIBRIO ANGUILLARUM* SEROTYPE O1

### Introduction

Bacteria belonging to the genus *Vibrio* are the causative agents of vibriosis. Vibriosis can cause significant mortality once an outbreak is in progress and vaccination is used to minimise the impact of the disease. VESO Vikan offers challenge models with *Vibrio anguillarum*, serotype O1.

### Challenge model to evaluate the efficacy of vaccination

Seabass (average weight 4-10 grams) are acclimatized for a minimum of two week before vaccination. After an immunization period of four weeks fish are challenged by i.p. injection. After challenge, mortality is recorded during an observation period of maximum 21 days. Evaluation of the potency of the vaccine is based on differences in mortality in vaccinated and unvaccinated groups.



Mortality in groups of vaccinated and unvaccinated seabass i.p. injected with *Vibrio anguillarum* O1.