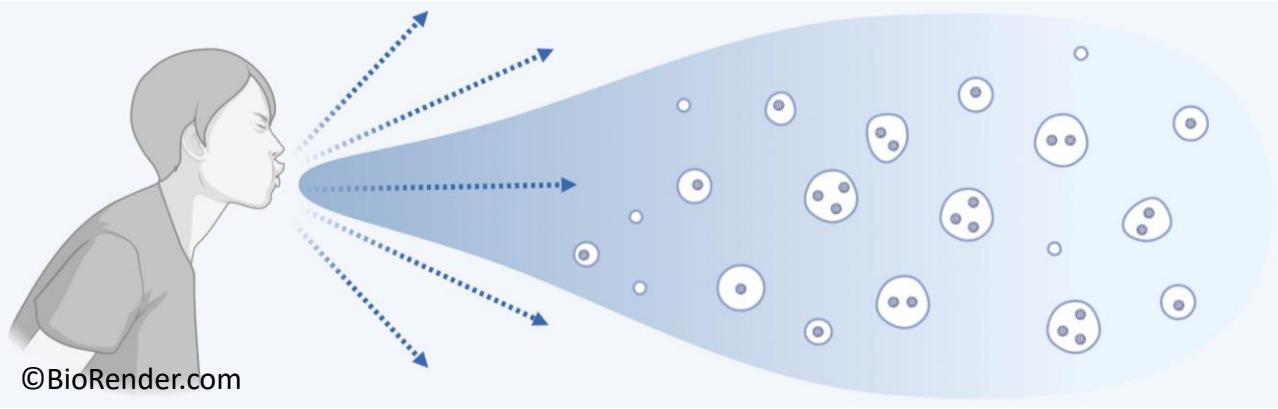


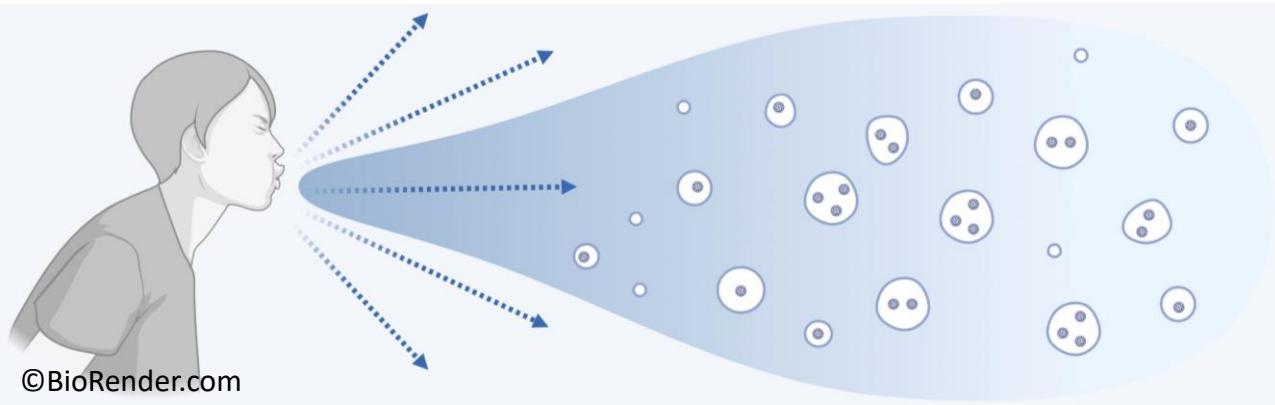
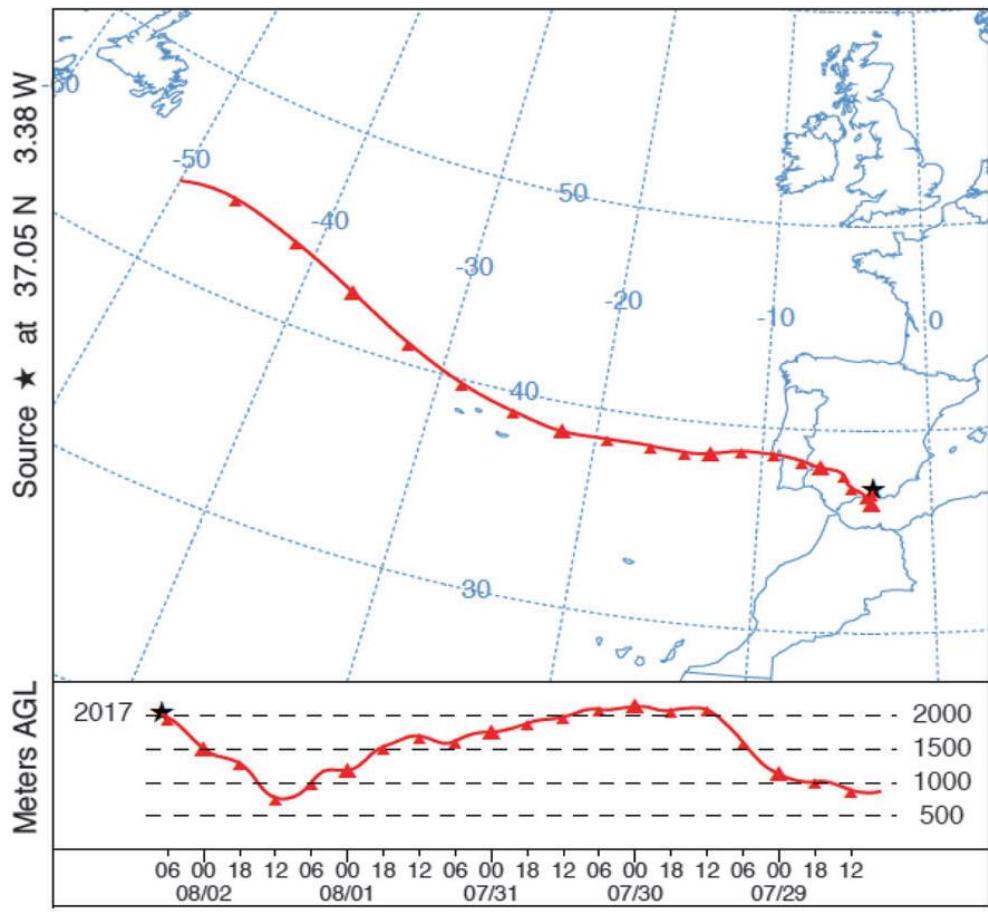
VIRUS FERÐAST EISINI Í LUFTINI

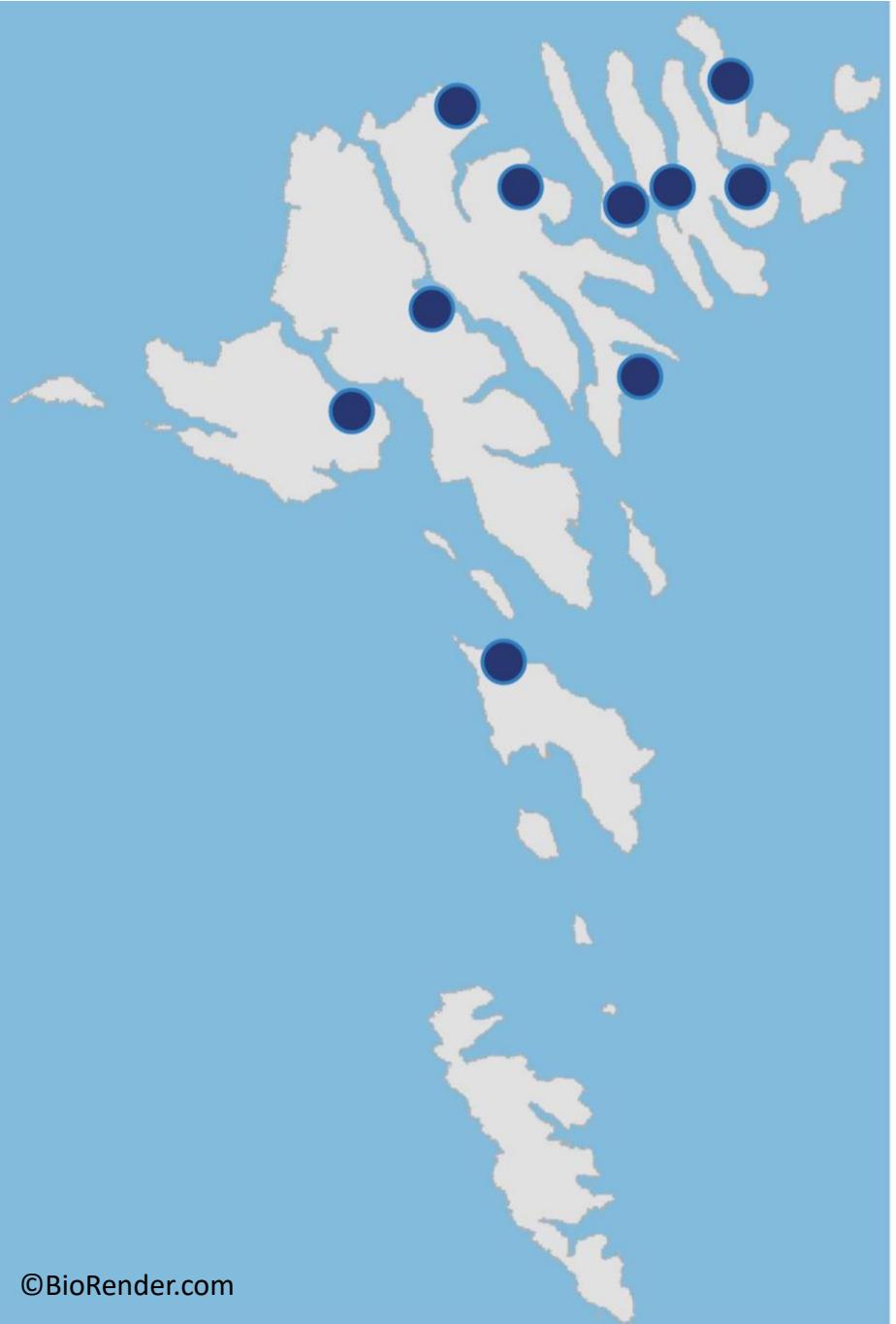
Petra E. Petersen
Patologiska Deild
Heilsufrøðiliga Starvsstovan

- Virussmitta í luft
- Virus á smoltstóðunum
- Fyribili úrslit – virus í luft
- Smittufyryrging









IPN
ILA-HPR0

PRV

POX

Pseudomonas spp.

Aeromonas spp.

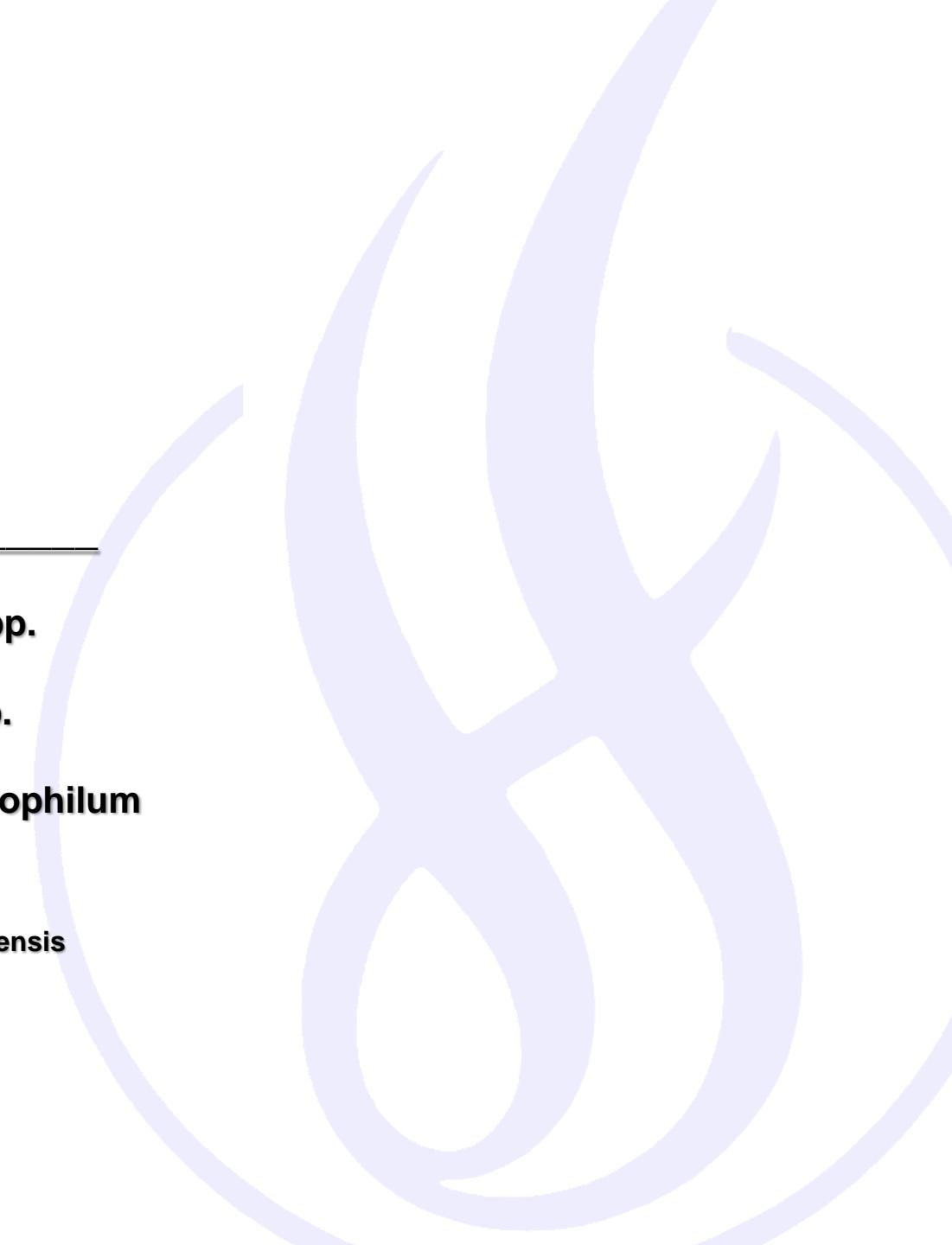
Flavobacterium psychrophilum

Exophiala

Tenacibaculum finnmarkensis

Vibrio spp.

Moritella viscosa



Article

No Evidence of the Vertical Transmission of Non-Virulent Infectious Salmon Anaemia Virus (ISAV-HPR0) in Farmed Atlantic Salmon

Debes Hammershaimb Christiansen ^{1,*}, Petra Elisabeth Petersen ¹, Maria Marjunardóttir Dahl ¹, Nicolina Vest ¹, Maria Aamelfot ², Anja Bråthen Kristoffersen ², Mona Dverdal Jansen ², Iveta Matejusova ³, Michael D. Gallagher ⁴, Gísli Jónsson ⁵, Eduardo Rodriguez ⁶, Johanna Hol Fosse ² and Knut Falk ²

¹ National Reference Laboratory for Fish and Animal Diseases, Faroese Food and Veterinary Authority,

JOURNAL OF
GENERAL VIROLOGY

RESEARCH ARTICLE

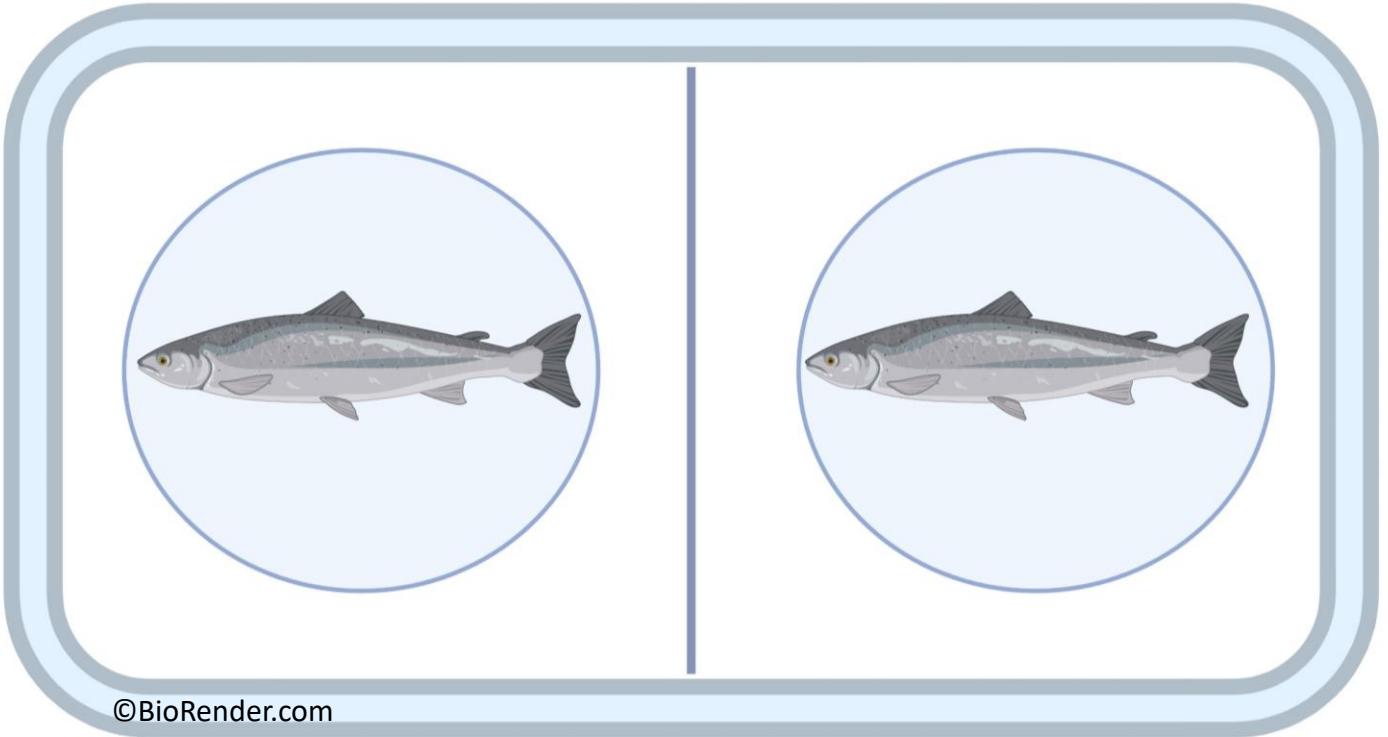
Christiansen *et al.*, *Journal of General Virology* 2017;98:595–606

DOI 10.1099/jgv.0.000741



First field evidence of the evolution from a non-virulent HPR0 to a virulent HPR-deleted infectious salmon anaemia virus

Debes H. Christiansen,^{1,*} Alastair J. A. McBeath,² Maria Aamelfot,³ Iveta Matejusova,² Mickael Fourrier,² Patricia White,² Petra E. Petersen¹ and Knut Falk³



©BioRender.com

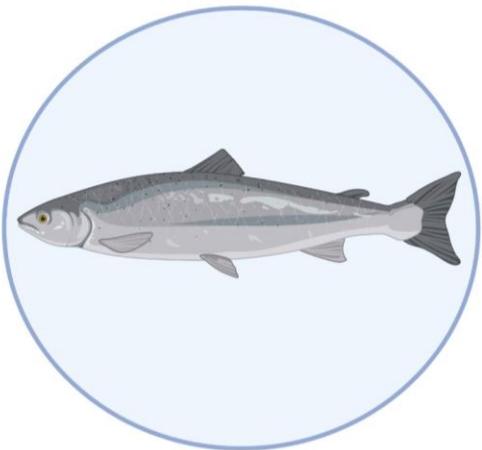
Smitta uttanífrá

Rogn og fiskur
Vatnkelda
Fuglur/skaðadýr
Fóður & vøra
Gestir & tænastur
Starvsfólk

Millum hallir

Útgerð
Starvsfólk
Rutinur í røktini?





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Smitta uttanífrá

Rogn og fiskur

Vatnkelda

Fuglur/skaðadýr

Fóður & vøra

Gestir & tænastur

Starvsfólk

LUFT (BIOAEROSOL)

Millum hallir

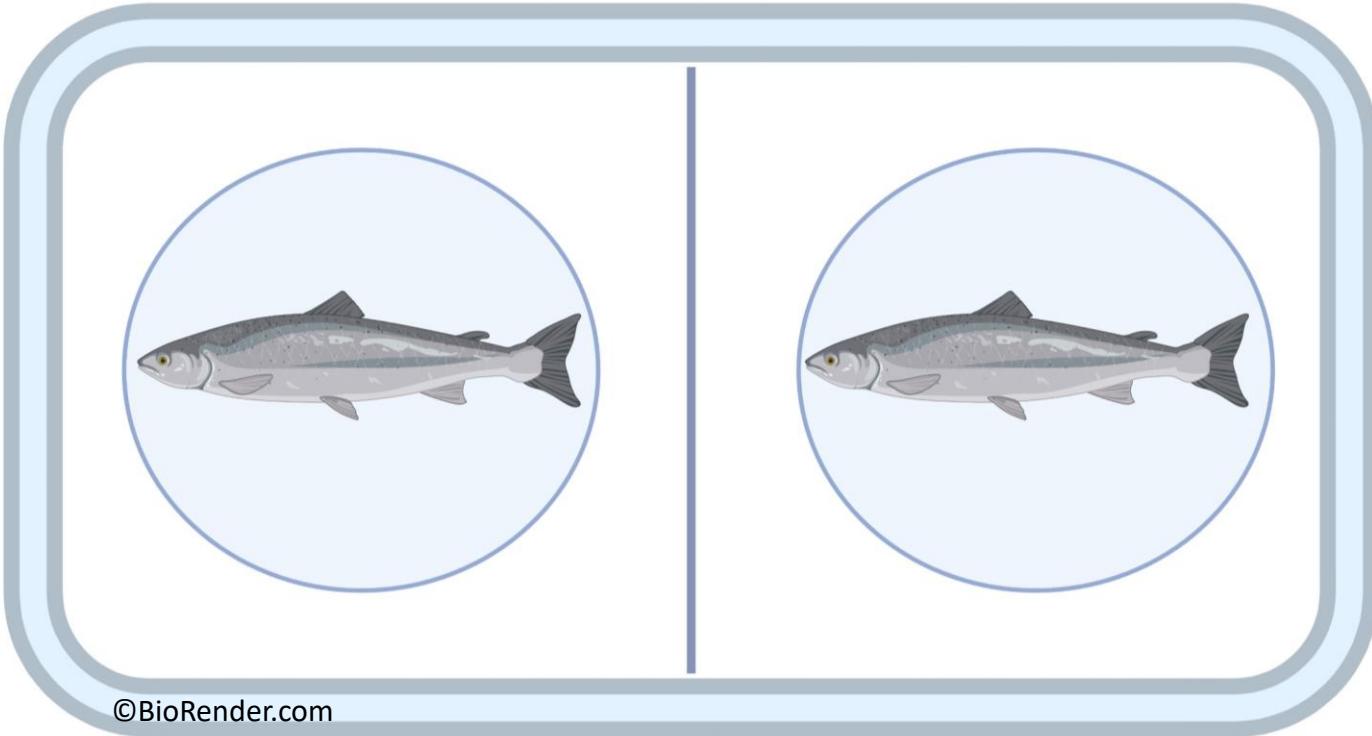
Útgerð

Starvsfólk

Rutinur í røktini?

LUFT (BIOAEROSOL)





©BioRender.com

Smitta uttanífrá

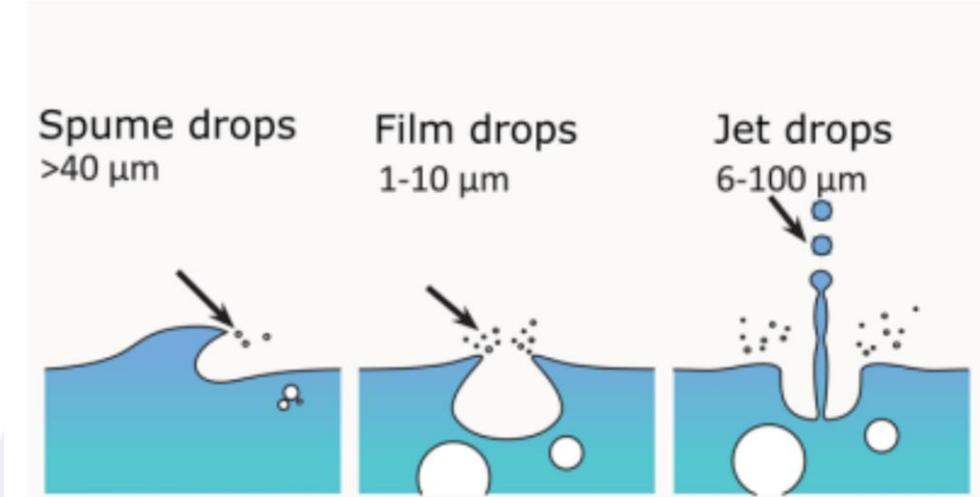
Rogn og fiskur
Vatnkelda
Fuglur/skaðadýr
Fóður & vøra
Gestir & tænastur
Starvsfólk

LUFT (BIOAEROSOL)

Millum hallir

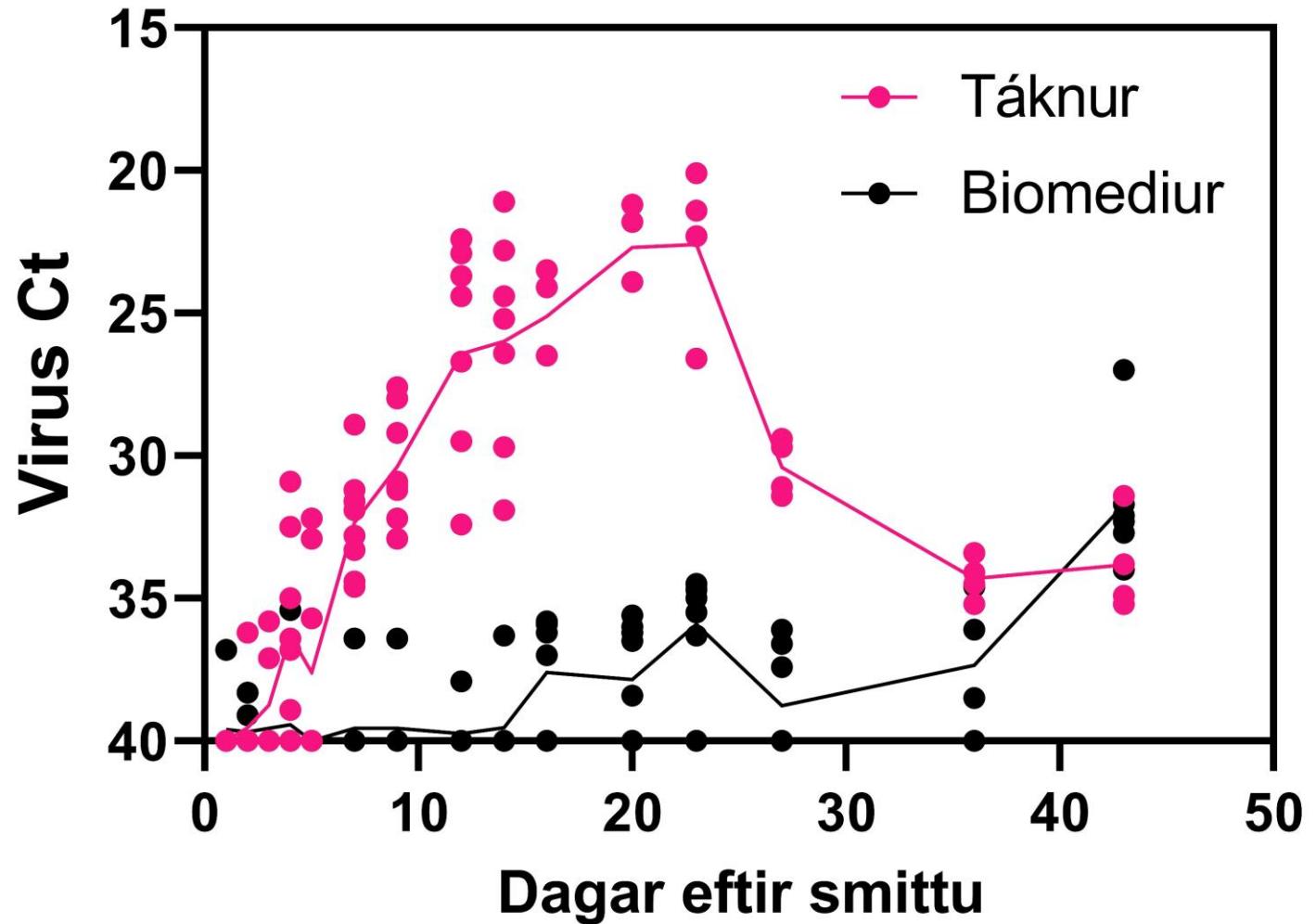
Útgerð
Starvsfólk
Rutinur í røktini?

LUFT (BIOAEROSOL)

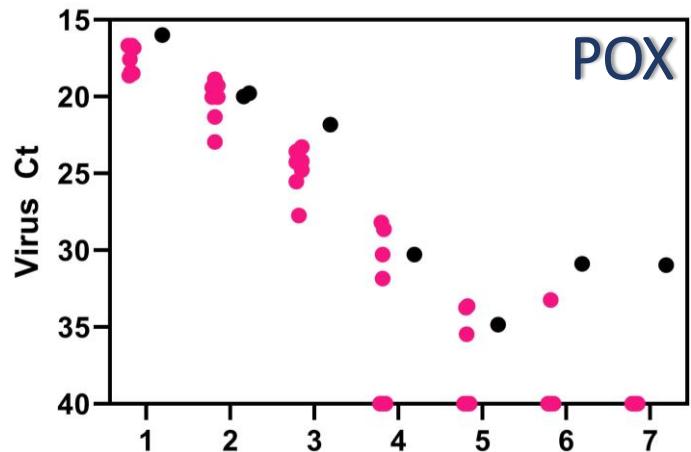




Virus er í umhvørvinum:



Virus er í vatnnum:



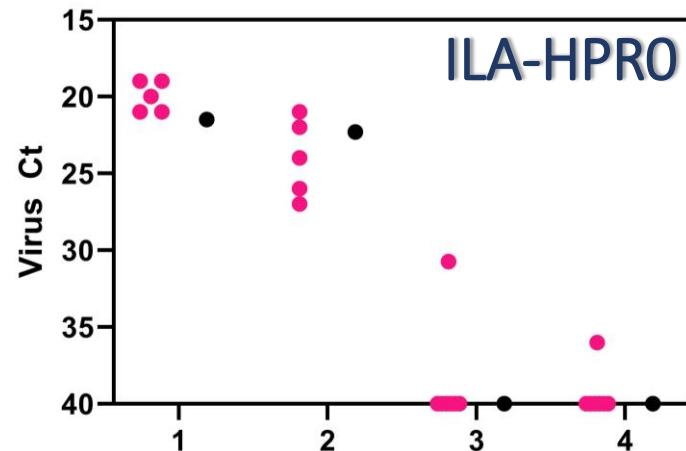
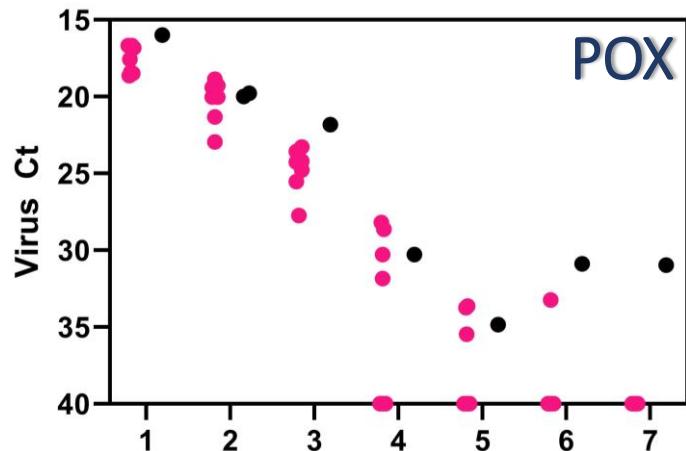
● Táknur



● Vatn



Virus er í vatnnum:

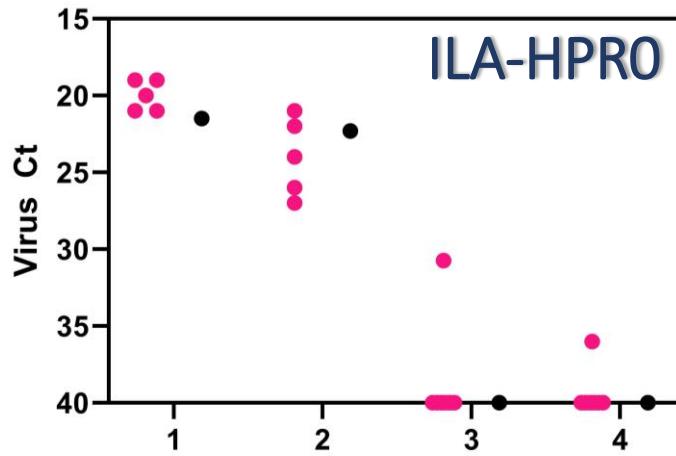
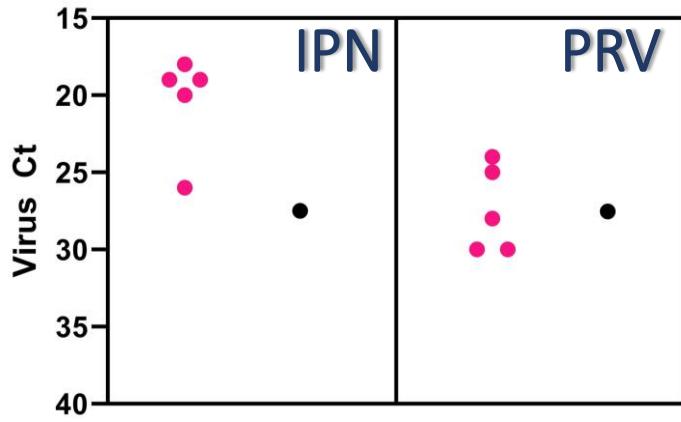
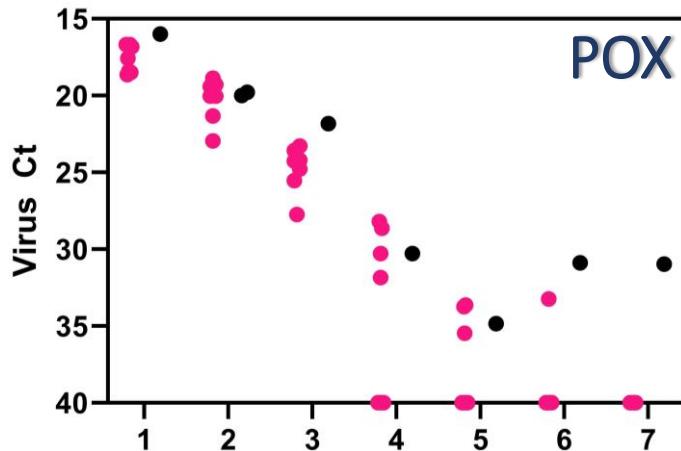


● Táknur



● Vatn

Virus er í vatnnum:



● Hjarta, nýra,
tákna ● Vatn



Er virus í luftini?



L/min:

100-300

Sampling time:

6t

50

8t



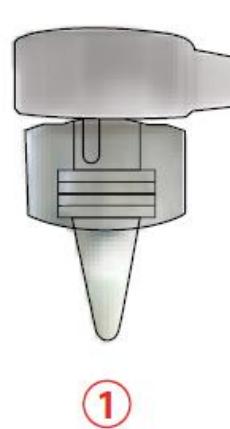
Er virus í luftini?



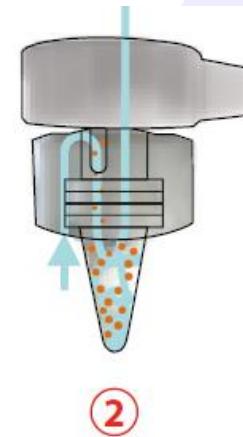
50
8tímar

L/min:
Max tíð:

100-300
6tímar



①



②



③



④

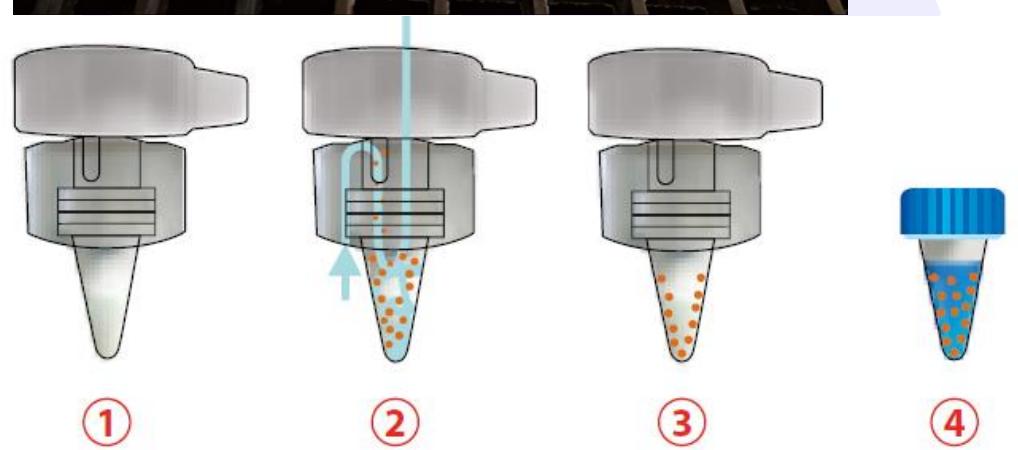
Er virus í luftini?



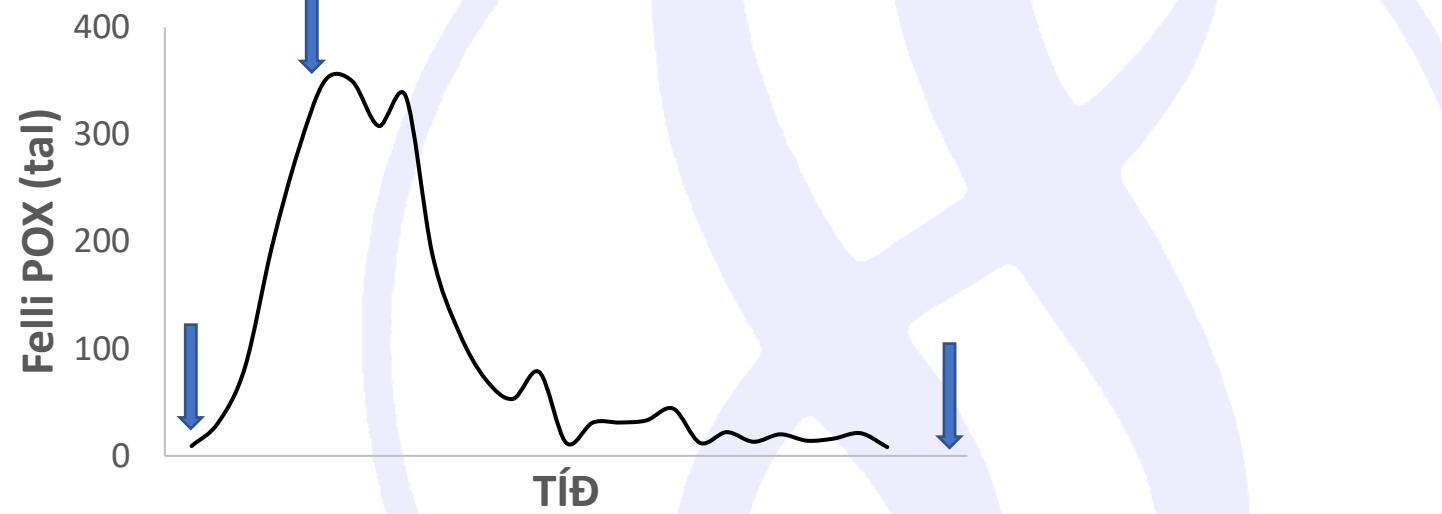
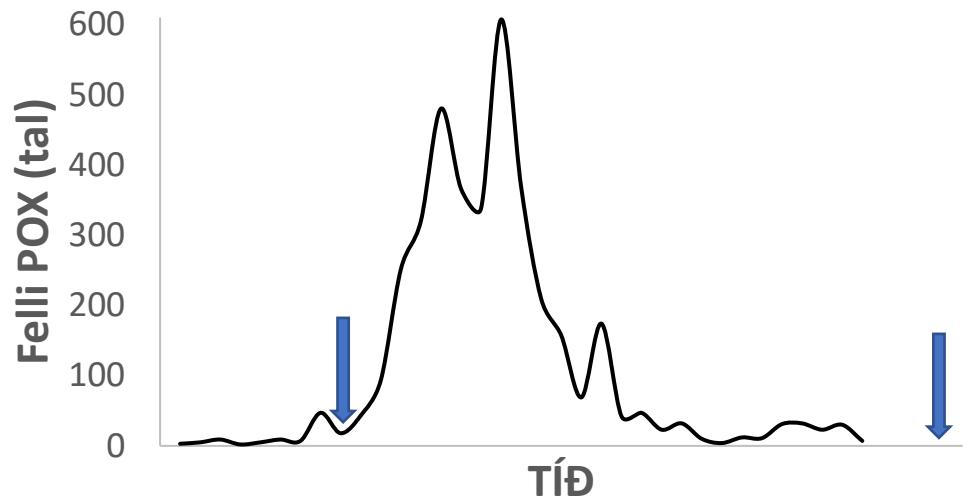
L/min: 100-300
Sampling time: 6t



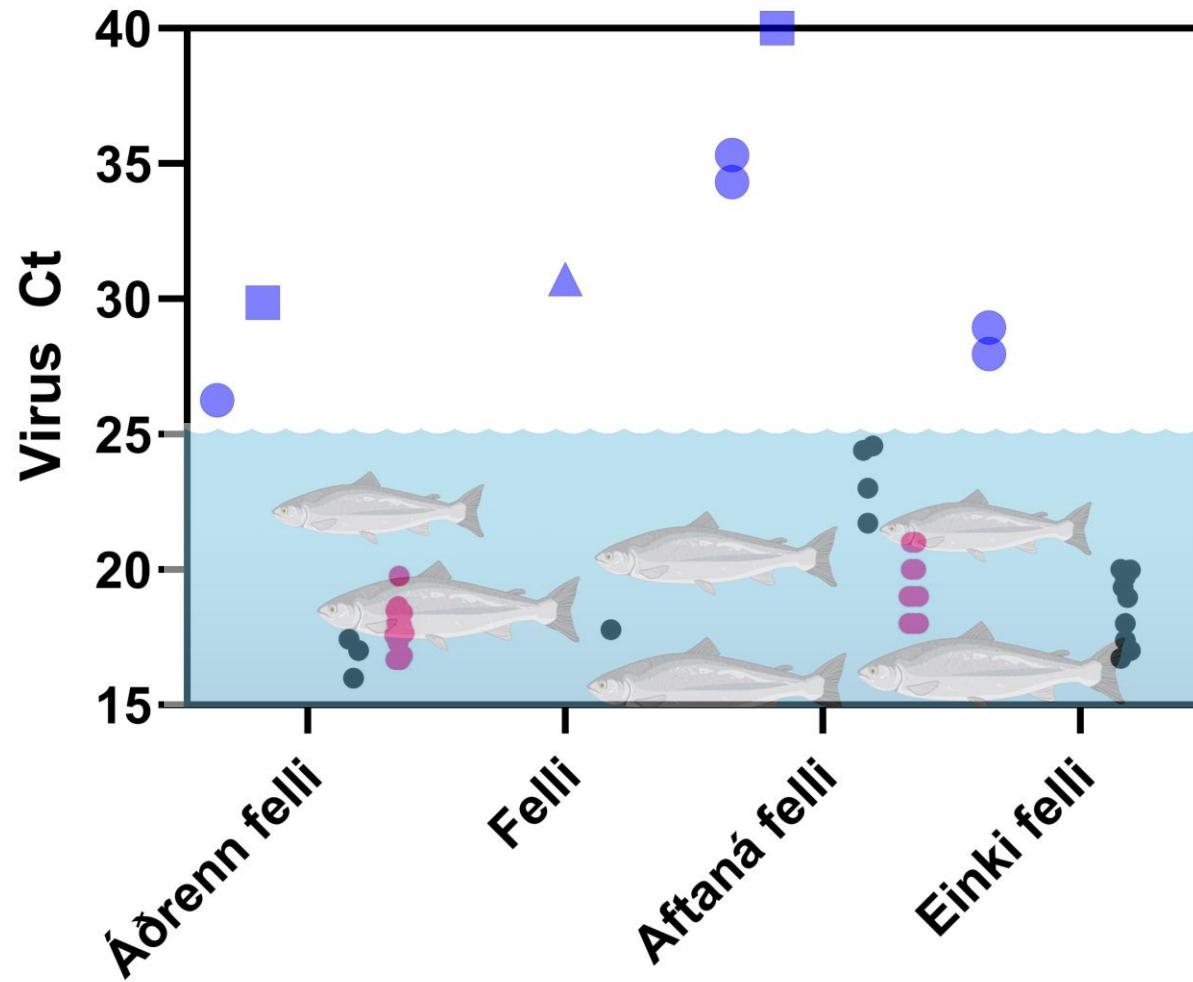
50
8t



POX:

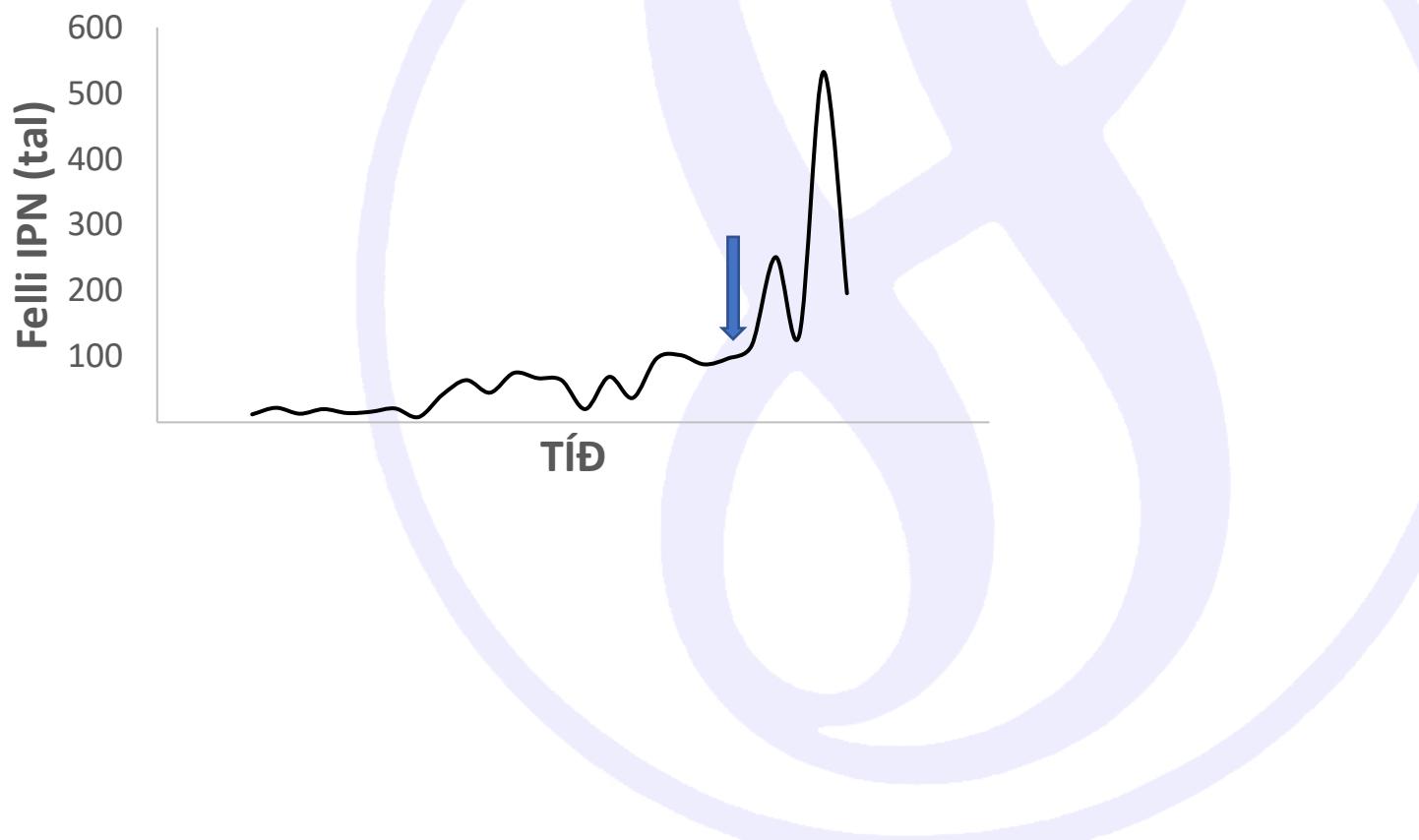
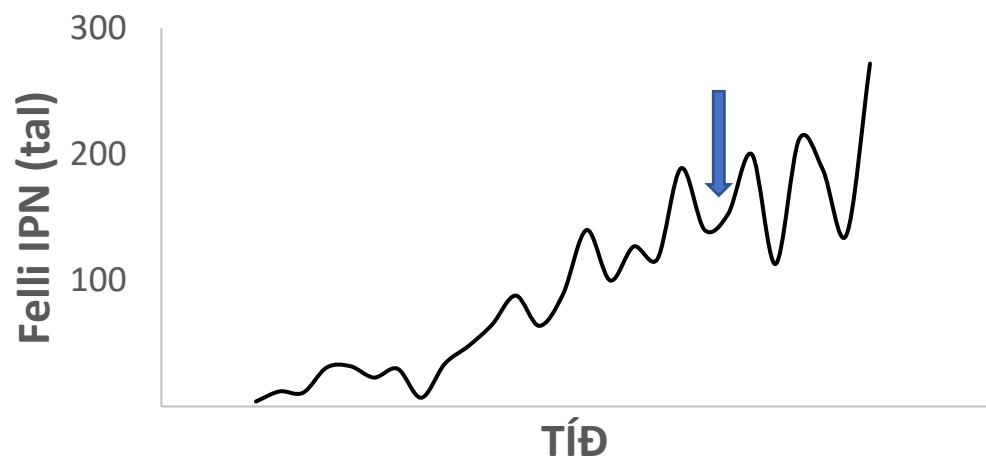


POX er í luftini

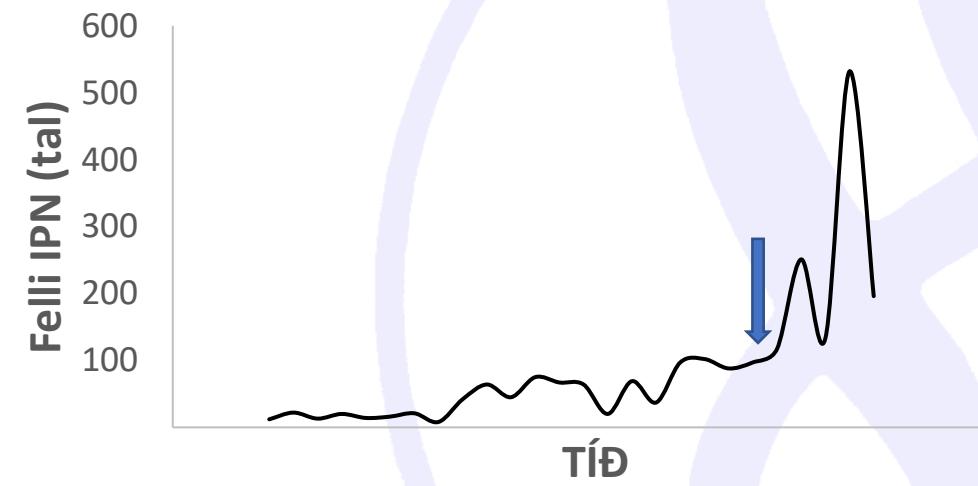
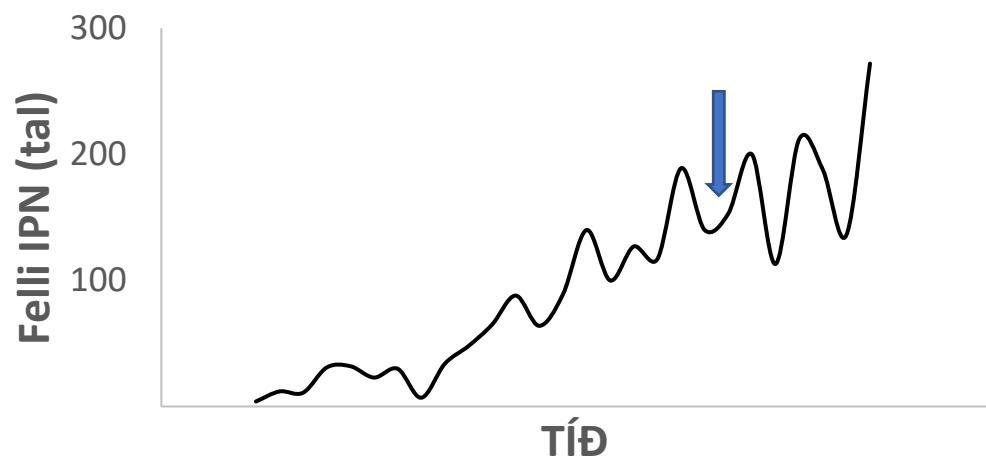


- Trumlufilter
- Avgassing biofilter
- ▲ Avgassing kar
- Vatn í kørum
- Táknur

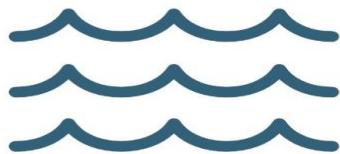
IPN:



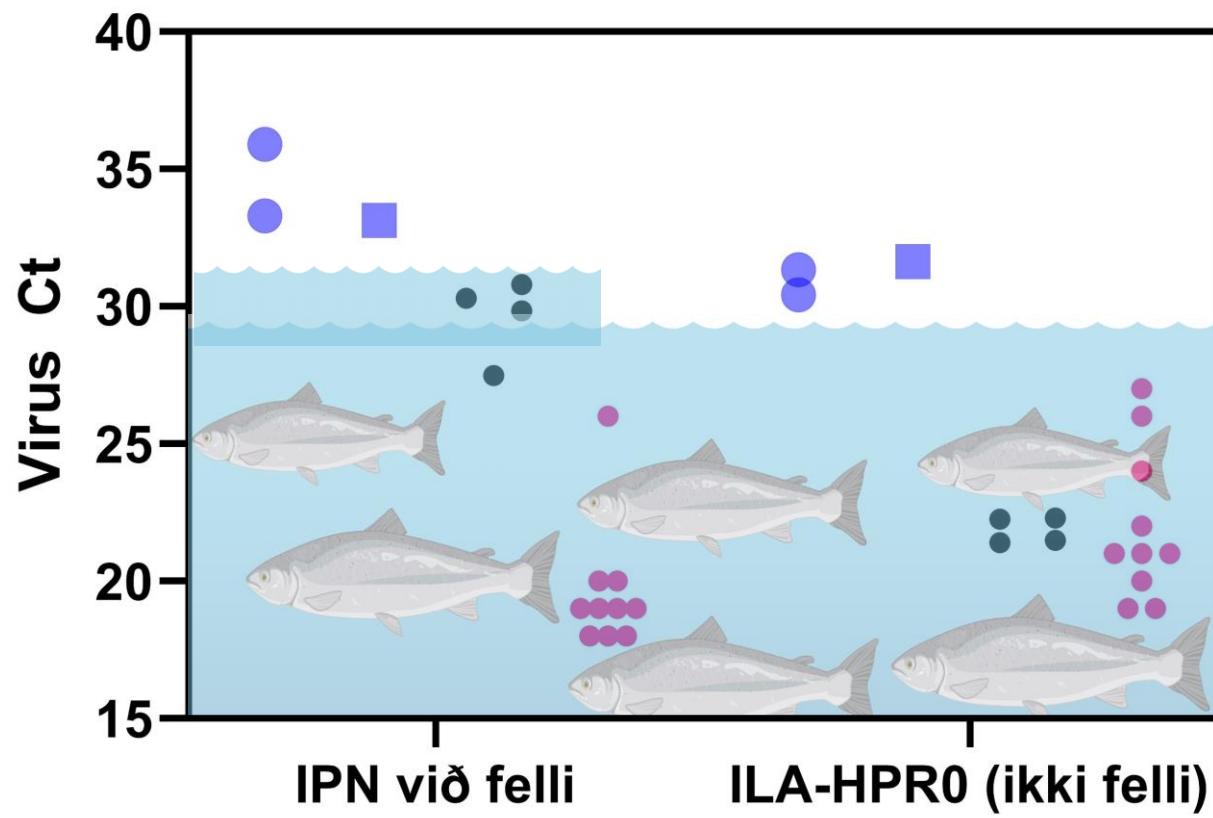
IPN:



ILA-HPRO:



IPN og ILA-HPR0 eru í luftini



- Trumlufiltur
- Avgassing biofiltur
- Vatn í körum
- Hjarta, tákna og nýra

Smittufyribyrging:

- Persónsslúsur
- Vøruslúsur
- Taka deyðan fisk upp skjótt
- Greiðar mannagongdir fyrir
deyðfiskahandfaring
- Atskilda útgerð
- Reinhald
- Inntaksvatn nøktandi reinsað



TAKK



Starvsfelagar – Alifyritøkur - Djóralæknar