# High prevalence of viral haemorrhagic septicaemia virus (VHSV) in Norwegian spring-spawning herring 

Renate Johansen ${ }^{1, *}$, Øivind Bergh ${ }^{2}$, Ingebjørg Modahl ${ }^{1}$, Geir Dahle ${ }^{\mathbf{2}}$, Britt Gjerset ${ }^{1}$, Jens Christian Holst ${ }^{2}$, Nina Sandlund ${ }^{2}$<br>${ }^{1}$ Norwegian Veterinary Institute, PO Box 750 Sentrum, 0106 Oslo, Norway<br>${ }^{2}$ Institute of Marine Research, PO Box 1870 Nordnes, 5817 Bergen, Norway

*Email: renate.johansen@vetinst.no

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## Supplement.

Table of all individual results of virus detection both with cell culture and real time RT-PCR (rRT-PCR) from the 5 sampling dates. The 21 pools consist of brain, spleen and kidney from 5 herring and are tested with both cell culture and rRT-PCR. Gills, brain, spleen, kidney and gonads are tested individually from all 105 herring with rRT-PCR and cycle threshold (Ct)-values are provided in the table. Fish with positive detection in internal organs are marked with blue while fish only positive in gills are marked with yellow. N: no detection; NS: not sampled

| Date | Pool no. | Cell culture | rRT-PCR | Herring no. | Gills | Brain | Spleen | Kidney | Gonads |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 25 Feb | 1 | N | N | 1 | 39.93 | N | N | N | N |
|  |  |  |  | 2 | N | N | N | N | N |
|  |  |  |  | 3 | 37.61 | N | N | N | N |
|  |  |  |  | 4 | N | N | N | N | N |
|  |  |  |  | 5 | N* | N | N | N | N |
|  | 2 | N | N | 6 | N | N | N | N | N |
|  |  |  |  | 7 | N | N | N | N | N |
|  |  |  |  | 8 | N* | N | N | N | N |
|  |  |  |  | 9 | N | N | N | N | N |
|  |  |  |  | 10 | N* | N | N | N | N |
|  | 3 | N | 35.19 | 11 | 39.62* | N | N | N | N |
|  |  |  |  | 12 | 37.5* | 31.35 | 33.73 | N | N |
|  |  |  |  | 13 | N* | N | N | N | N |
|  |  |  |  | 14 | N* | N | N | N | N |
|  |  |  |  | 15 | N* | N | N | N | N |
|  | 4 | N | N | 16 | N | N | N | N | N |
|  |  |  |  | 17 | N | N | N | N | N |
|  |  |  |  | 18 | N | N | N | N | N |
|  |  |  |  | 19 | N | N | N | N | N |
|  |  |  |  | 20 | N | N | N | N | N |
|  | 5 | N | N | 21 | N | N | N | N | N |


|  |  |  |  | 22 | N | N | N | N | N |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | 23 | 39.86 | N | N | N | N |
|  |  |  |  | 24 | N | N | N | N | N |
|  |  |  |  | 25 | N | N | N | N | N |
|  |  |  |  | 26 | N | N | N | N | N |
|  |  |  |  | 27 | 38.31 | N | N | N | N |
|  | 6 | N | 37.86 | 28 | N | N | N | N | N |
|  |  |  |  | 29 | 37.75 | N | N | N | N |
|  |  |  |  | 30 | 37.17 | N | N | N | N |
|  |  |  |  | 31 | 38.48 | N | N | N | N |
|  |  |  |  | 32 | 37.92 | N | N | N | N |
|  | 7 | $N$ | $N$ | 33 | N | N | N | N | N |
|  |  |  |  | 34 | N | N | N | N | N |
|  |  |  |  | 35 | N | N | N | N | N |
|  |  |  |  | 36 | N | N | N | N | N |
|  |  |  |  | 37 | N | N | N | N | N |
|  | 8 | $N$ | N | 38 | 38.92 | N | N | N | N |
|  |  |  |  | 39 | N | N | N | N | N |
|  |  |  |  | 40 | 38.17 | N | N | N | N |
| 19 March | 9 | Positive | 23.39 | 41 | 37.54 | N | N | N | N |
|  |  |  |  | 42 | 37.19 | N | N | N | N |
|  |  |  |  | 43 | 37.27 | N | N | N | N |
|  |  |  |  | 44 | 34.39 | N | N | 38.19 | 39.4 |
|  |  |  |  | 45 | 24.44 | 28.05 | 22.8 | 18.96 | 29.31 |
|  | 10 | N | N | 46 | 36.20 | N | N | N | N |
|  |  |  |  | 47 | N | N | N | N | N |
|  |  |  |  | 48 | 38.77 | N | N | N | N |
|  |  |  |  | 49 | 37.39 | N | N | N | N |
|  |  |  |  | 50 | 36.97 | 38.49 | N | N | N |
|  | 11 | $N$ | $N$ | 51 | 38.24 | N | N | N | N |
|  |  |  |  | 52 | 35.52 | N | N | N | N |
|  |  |  |  | 53 | 37.74 | N | N | 38.64 | N |
|  |  |  |  | 54 | 38.85 | N | N | N | N |
|  |  |  |  | 55 | 35.92 | N | N | N | N |
|  | 12 | N | 31.41 | 56 | 36.93 | 39.48 | N | N | N |
|  |  |  |  | 57 | 30.94 | 28.54 | 27.97 | 30.79 | N |
|  |  |  |  | 58 | 37.30 | N | N | N | N |
|  |  |  |  | 59 | 37.12 | N | N | N | N |
|  |  |  |  | 60 | 36.16 | N | 37.11 | 36.81 | N |
| 12 April | 13 | $N$ | N | 61 | 33.60 | N | N | N | NS |
|  |  |  |  | 62 | 32.12 | N | N | N | NS |
|  |  |  |  | 63 | 32.95 | N | N | N | NS |
|  |  |  |  | 64 | 32.42 | N | N | N | NS |
|  |  |  |  | 65 | 33.88 | N | N | N | NS |
|  | 14 | N | N | 66 | 31.68 | 37.61 | N | N | NS |


|  |  |  |  | 67 | 33.23 | N | $N$ | $N$ | NS |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | 68 | 32.50 | N | N | N | NS |
|  |  |  |  | 69 | 32.79 | N | N | N | NS |
|  |  |  |  | 70 | 32.06 | N | N | N | NS |
|  |  |  |  | 71 | 31.65 | N | N | 37.14 | NS |
|  |  |  |  | 72 | 32.05 | N | N | N | NS |
|  | 15 | N | $N$ | 73 | N | N | N | N | NS |
|  |  |  |  | 74 | 33.55 | N | N | N | NS |
|  |  |  |  | 75 | 32.35 | N | N | 38.31 | NS |
|  |  |  |  | 76 | 34.49 | N | N | N | NS |
|  |  |  |  | 77 | 35.43 | N | N | N | NS |
|  | 16 | N | $N$ | 78 | 37.16 | N | N | N | NS |
|  |  |  |  | 79 | 35.23 | N | N | N | NS |
|  |  |  |  | 80 | 37.96 | N | 36.17 | N | NS |
|  |  |  |  | 81 | N | N | N | N | NS |
|  |  |  |  | 82 | 38.00 | N | N | N | NS |
| 16 April | 17 | N | $N$ | 83 | N | N | N | N | NS |
|  |  |  |  | 84 | 35.13 | N | N | N | NS |
|  |  |  |  | 85 | 34.17 | N | N | N | NS |
|  |  |  |  | 86 | 37.35 | N | N | N | NS |
|  |  |  |  | 87 | 33.75 | 36.05 | 34.07 | 34.85 | NS |
|  | 18 | N | $N$ | 88 | 31.88 | N | N | N | NS |
|  |  |  |  | 89 | 34.42 | N | N | N | NS |
|  |  |  |  | 90 | 37.62 | N | N | N | NS |
| 22 April |  |  |  | 91 | 31.11 | 37.93 | N | N | NS |
|  |  |  |  | 92 | 34.76* | N | N | N | NS |
|  | 19 | Positive | 30.56 | 93 | 34.68 | 38.93 | 28.95 | 39.74 | NS |
|  |  |  |  | 94 | 34.16 | N | N | N | NS |
|  |  |  |  | 95 | 35.67 | N | N | N | NS |
|  |  |  |  | 96 | 33.74 | N | N | N | NS |
|  |  |  |  | 97 | 35.01* | N | N | N | NS |
|  | 20 | Positive | 22.99 | 98 | 28.07* | 33.02 | 31.11 | 28.87 | NS |
|  |  |  |  | 99 | N* | N | N | N | NS |
|  |  |  |  | 100 | 35.91* | N | 37.27 | 39.44 | NS |
|  | 21 | Positive | 20.4 | 101 | 31.85 | N | 33.75 | 36.7 | NS |
|  |  |  |  | 102 | 31.34 | 37.86 | 29.26 | 27.72 | NS |
|  |  |  |  | 103 | 32.43 | 37.94 | N | N | NS |
|  |  |  |  | 104 | 33.68 | N | 38.81 | N | NS |
|  |  |  |  | 105 | 24.66 | 31.34 | 18.7 | 23.01 | NS |

* RNA 20-50 ng $\mu \mathrm{l}^{-1}$

