**Additional file 1 Grading of histopathological changes related to development of HSMI in *A. salmon* heart.**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|   | **Dpc IHNV** | **2** | **5** | **9** | **12** | **19** | **26** | **33** |
| **PRV- IHNV-** |  | nd | nd | nd | nd | 0 | 0 | 0 |
|  | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|   | **Median** | **n/a** | **n/a** | **n/a** | **n/a** | **n/a** | **n/a** | **n/a** |
| **PRV+ (Shedd.) IHNV -** |  | 1,5 | 2 | 2 | 1,5 | 1 | 1 | 0 |
|  | nd | 1,5 | 1,5 | 1,5 | 2 | 1 | 1 |
|  | 0 | 1,5 | 1,5 | 0 | 1 | 1,5 | 0 |
|   | **Median** | **0** | **1,5** | **1,5** | **1,5** | **1** | **1** | **n/a** |
| **PRV + (Shedd.) IHNV+** |  | 1 | 1 | 1,5 | 1,5 | 0 | 1,5 | 0 |
|  | 0 | 1 | 1,5 | 1 | 1 | 1 | 1,5 |
|  | 0 | 1 | 1 | 1 | 1 | 1 | 0 |
|   | **Median** | **n/a** | **1** | **1,5** | **1** | **1** | **1** | **n/a** |
| **PRV + (Cohab.) IHNV -** |  | 0 | 0 | 1 | 1,5 | 2,5 | 2,5 | 1,5 |
|  | 0 | 1 | 1 | 1,5 | 2,5 | 2,5 | 2,5 |
|  | 0 | 0 | 1 | 1,5 | 1 | 2 | 2,5 |
|   | **Median** | **n/a** | **n/a** | **1** | **1,5** | **2,5** | **2,5** | **2,5** |
| **PRV + (Cohab.) IHNV +** |  | 0 | 0 | 1,5 | 2,5 | 1,5 | 1,5 | 2 |
|  | 0 | 0 | 1,5 | 2 | 1,5 | 1,5 | 0 |
|  | 0 | 0 | 1 | 1,5 | 1,5 | 2 | 2 |
|   | **Median** | **n/a** | **n/a** | **1,5** | **2** | **1,5** | **1,5** | **2** |
| **PRV - IHNV +** |  | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|   | **Median** | **n/a** | **n/a** | **n/a** | **n/a** | **n/a** | **n/a** | **n/a** |

Histopathological grading of HSMI lesions in heart sections of *A.salmon* H&E stained. Median value per time point of each group is calculated.