|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Monitoring (1=2016-2017; 2=2017-2018)** | **Period analysed** | **sites** | **NA extraction methods** | **Target gene detection and Quantification** | **Theoritical limit of detection \*** (gc/membrane) | **Reference** |
| **OsHV-1** | 12 | Spring-summerSpring-summer | A, BA | QiAamp tissue mini kitNucliSENS | SYBR Green Real-Time PCR  | 200 | Vincent-Hubert, F. *et al.,* 2017 |
| ***Vibrio* spp.** | 12 | Dec-JulyApril-October | A, BA | NucliSENSNucliSENS | SYBR Green Real-Time PCR  | 200 | Thompson *et al.,* 2004 |
| ***V. alginolyticus*** | 12 | Spring-summerSpring-summer | A, BA | NucliSENSNucliSENS | SYBR Green Real-Time PCR | 200 | Tall et al., 2013 |
| ***V. cholerae*** | 12 | Spring-summerSpring-summer | A, BA | NucliSENSNucliSENS | SYBR Green Real-Time PCR | 200 | Chun et al., 1999 |
| ***V. vulnificus*** | 12 | Spring-summerSpring-summer | A, BA | NucliSENSNucliSENS | SYBR Green Real-Time PCR | 200 | Tall et al, 2013 |
| ***V. parahaemolyticus*** | 12 | Spring-summerSpring-summer | A, BA | NucliSENSNucliSENS | TaqMan Real-Time PCR | 200 |  Hervio-Heath *et al*., 2002 |
| **Sapovirus** | 1no | Dec-July | A, B | NucliSENS | TaqMan Real-Time PCR | 200 | Sano *et al.,* 2011 |
| **NoV** | 12 | Dec-JulyOctober-October | A, BA | NucliSENSNucliSENS | TaqMan Real-Time PCR | 200 | Vincent-Hubert. *et al.,* 2017 |
| **AllBac** | 12 | Dec-JulyApril-October | A, BA | NucliSENSNucliSENS | TaqMan Real-Time PCR | 500  | Maufret *et al.,* 2012 |
| **HF183** | 12 | Spring-summerSpring-summer | A, BA | NucliSENSNucliSENS | SYBR Green Real-Time PCR | 250  | Maufret *et al.,* 2012 |

**Supplementary Data 2  : Technological approach used for the detection of virus and bacteria with passive sampling \****Theoritical limit of detection in pure sample*