

Table S4. Similarity of nucleotides sequences of CSBV Bces-Po19 and other aquatic oncotshaviruses.

| Virus strain (species) | Genome size (nt) | Nucleotide sequence identity (%) | | | | | |
|------------------------|------------------|----------------------------------|--------|--------|-------|-------|-------|
| | | Whole genome sequences | ORF 1a | ORF 1b | S | M | N |
| CSBV WHQSR4345 | 26466 | 98.62 | 99.50 | 97.96 | 99.06 | 98.51 | 99.25 |
| CSBV HB93 | 25971 | 96.13 | 85.71 | 93.44 | 98.95 | 99.19 | 99.44 |
| CSBV Cefas-W054 | 25969 | 95.21 | 94.33 | 97.30 | 98.26 | 97.43 | 86.59 |
| CSBV NIDO | 27004 | 94.69 | 93.24 | 97.59 | 97.71 | 96.88 | 86.03 |
| ASBV | 26496 | 96.65 | 96.94 | 97.44 | 98.23 | 98.37 | 86.03 |
| YCBV | 26985 | 93.17 | 91.50 | 96.13 | 94.69 | 85.13 | 97.19 |