**Virologica Sinica**

**Supplementary Data**

**Diverse genotypes of norovirus genogroup I and II contaminated in environmental water in Thailand during the COVID-19 outbreak from 2020 to 2022**

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**Supplementary Table S1.** List of primers and probes used in this study.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| NoV | Primer name | Target region | Orientation | Primer nucleotide sequence(5’- 3’) | PCR product size (bp) | Assay |
| GI | Cog1F | ORF1/ORF2 | + | CGYTGGATGCGNTTYCATGA | 85 | Real-time PCR |
| Cog1R | ORF1/ORF2 | - | CTTAGACGCCATCATCATTYAC |
| Ring1C | ORF1/ORF2 | - | FAM-AGATYGCGITCICC GT CA- BHQ1 |
| GII | Cog2F | ORF1/ORF2 | + | CARGARBCNATGTTYAGRTGGATGAG | 98 | Real-time PCR |
| Cog2R | ORF1/ORF2 | - | TCGACGCCATCTTCATTCACA |
| Ring2 | ORF1/ORF2 | + | HEX-TGGGAGGGCGATCGCAATCT-BHQ1 |
| GIV | NVG4F | ORF1/ORF2 | + | TGGATGCGRTTCTCNGACYT | 102 | Real-time PCR |
| NVG4R | ORF1/ORF2 | - | GACGCCATCWTCATTYAC |
| NVG4P | ORF1/ORF2 | + | CY5-GATCGCRATCTCGCTCCCGA-BHQ3 |
| GI | COG1F | VP1 | + | CGYTGGATGCGNTTYCATGA | 381 | Semi-nested PCR |
| GISKR | VP1 | - | CCAACCCARCCATTRTACA |
| GISKF | VP1 | + | CTGCCCGAATTYGTAAATGA | 330 |
| GISKR | VP1 | - | CCAACCCARCCATTRTACA |
| GII | COG2F | VP1 | + | CARGARBCNATGTTYAGRTGGATGAG | 387 | Semi-nested PCR |
| G2SKR | VP1 | - | CCRCCNGCATRHCCRTTRTACAT |
| G2SKF | VP1 | + | CNTGGGAGGGCGATCGCAA | 345 |
| G2SKR | VP1 | - | CCRCCNGCATRHCCRTTRTACAT |