**Table S2 PCR conditions for amplification of HPyV12**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Primer** | **PCR round** | **Total volume (µl)** | **Cycles** | **Cycling conditions**  | **Reaction setup** |
| **Diagnostic PCR** | 1 | 25  | 1  | 95oC for 12 min | 2 units AmpliTaq Gold (Applied Biosystems) |
|  |  |  | 45  | 95oC for 30 sec | 20 pmol of each primer |
|  |  |  |  | 59oC for 30 sec | 200 µM dNTPs |
|  |  |  |  | 72oC for 2 min | 2 mM MgCl2 |
|  |  |  | 1  | 72oC for 15 min | 5% DMSO |
|  |  |  |  |  | sterilized distilled water up to 25µl |
|  | 2 | 25  |  | conditions as in round 1 | setup as in round 1 |
|  |  |  |  |  |  |
| **VP3/VP1-PCR** | 1 | 25  | 1 | 95oC for 12 min | 2 units AmpliTaq Gold (Applied Biosystems) |
|  |  |  | 45 | 95oC for 30 sec | 20 pmol of each primer |
|  |  |  |  | 50oC for 30 sec | 200 µM dNTPs |
|  |  |  |  | 72oC for 2 min | 2 mM MgCl2 |
|  |  |  | 1  | 72oC for 15 min | 5% DMSO |
|  |  |  |  |  | sterilized distilled water up to 25 µl |
|  | 2 | 25  |  | conditions as in round 1 | setup as in round 1 |

**……. Table S2 continued**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Long-distance PCR** | 1 | 50  | 1  | 94oC for 5 min | 2 units TaKaRa Ex Taq (Takara Bio inc.) |
|  |  |  | 15  | 98oC for 20 sec | 1x ExTaq buffer with MgCl2 (20 mM) |
|  |  |  |  | 64oC for 30 sec | 400 nM of each primer |
|  |  |  |  | 68oC for 7 min | 400 µM dNTPs |
|  |  |  | 15  | 98oC for 20 sec | sterilized distilled water up to 50 µl |
|  |  |  |  | 64oC for 30 sec |  |
|  |  |  |  | 68oC for 7 min + 5 sec |  |
|  |  |  | 1 | 72oC for 30 min |  |
|  | 2 | 50  | 1  | 94oC for 5 min | setup as in round 1 |
|  |  |  | 15  | 98oC for 20 sec |  |
|  |  |  |  | 60oC for 30 sec |  |
|  |  |  |  | 68oC for 7 min |  |
|  |  |  | 15  | 98oC for 20 sec |  |
|  |  |  |  | 60oC for 30 sec |  |
|  |  |  |  | 68oC for 7 min + 5 sec |  |
|  |  |  | 1 | 72oC for 30 min |  |