**Additional file 2.** Summary of the RNA viruses and Accession Numbers of the strains used to filter the quality reads in the step iv) of the NGS approach, used together with step iii), to identify the RNA virus species present in a given sample.

|  |  |
| --- | --- |
| RNA virus | Accession Number |
| *Porcine Rotavirus A* | KU363134 |
| *Porcine Rotavirus B* | KR052718 |
| *Porcine Rotavirus C* | KP982883 |
| *Porcine Rotavirus H* | KU254587 |
| *Porcine Astrovirus type 2* | MG930777 |
| *Porcine Astrovirus type 3* | JX556691 |
| *Porcine Astrovirus type 4* | LC201602 |
| *Porcine Astrovirus type 5* | JX556693 |
| *Kobuvirus* | MH184664 |
| *Swine Pasivirus* | JQ316470 |
| *Posavirus* | JF713721 |
| *Sapelovirus* | LT900497 |
| *Porcine Sapovirus* | KT922087 |
| *Teschovirus* | AB049536 |
| *Transmissible gastroenteritis virus* | DQ811788 |
| *Porcine Torovirus* | LT900503 |
| *Porcine enterovirus 1* | AJ011380 |
| *Porcine enterovirus 8* | AF406813 |
| *Porcine enterovirus 9* | AF363453 |
| *Porcine enterovirus 10* | AF363455 |
| *Porcine enterovirus 15* | JN807387 |
| *Porcine enterovirus G* | KF985175 |
| *Porcine Alphacoronavirus* | MF370205 |
| *Porcine Deltacoronavirus* | MF431743 |
| *Hepatitis E* | KT581448 |
| *Porcine Epidemic Diarrhea Virus* | KM189367 |