S1 : Table of ccorrespondence between ancient nomenclature by Aldous *et al.* or Lomniczi *et al.* [11] completed by Kwon et al [48] and the new proposed nomenclature for all genotypes based on our results and those of Diel *et al.* [26] and Courtney *et al.* [27].

|  |  |  |
| --- | --- | --- |
| Ancient nomenclature(Lomniczi, Kwon) | Ancient nomenclature (Aldous) | Proposed nomenclature |
| - | Lineage 6 | Class 1 |
| Genotype I | Lineage 1 | Genotype Ia |
| Genotype I | Lineage 1 | Genotype Ib |
| Genotype I | Lineage 1 | Genotype Ic |
| Genotype I | Lineage 1 | Genotype Id |
| Genotype II | Lineage 2 | Genotype II |
| Genotype II |  |
| Genotype III | Lineage 3a | Genotype III |
| Genotype IV | Lineage 3b | Genotype IVa |
| Genotype IV | Lineage 3b | Genotype IV |
| Genotype V | Lineage 3c | Genotype Va |
|  | Lineage 3c | Genotype Vb |
| NA | Lineage 4a | Genotype VIa |
| Genotype VIb | Lineage 4b | Genotype VIb |
| Genotype VIc | Lineage 4c | Genotype VIc |
| Genotype VIe | Lineage 4b | Genotype VIe |
| Genotype VIf | NA | Genotype VIc |
| NA | NA | Genotype VIf |
| Genotype VII | Lineage 5e | Genotype VII |
| Genotype VII | Lineage 5c | Genotype VII **?** |
| NA | Lineage 5d | Genotype VIId |
| NA | Lineage 5d | Genotype VIIe |
| **NA** | Lineage 5e | Genotype VIIf |
| NA | Lineage 3d | Genotype VIII |
| NA | Lineage 3a | Genotype IX |
| NA | Lineage 2 | Genotype X |
| NA | NA | Genotype XI |
| NA | Lineage 5b | Genotype XII |
| NA | Lineage 5b | Genotype XIII |
| NA | Lineage 5g\*\*\* or 7b\* | Genotype XIVa\*\* |
| NA |  Lineage 7a\* | Genotype XIVb |
| NA | Lineage 5f\*\*\* or 7d\* | Genotype XIVc |

\* proposed by Catolli et al. [23]

\*\* previously proposed by our team as subgenotype VIIi [24]

\*\*\* proposed by Snoeck et al. [22]

NA: not applicable