S2 Table: P[8] VP4 nucleotide sequence diversity range based on place and season of sample collection

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Category based on place and season** | **Sample** | **Year of collection** | **VP4 gene Lineage** | **P[8] nucleotide sequence diversity variation (%)** |
| **DC/2007-2008** | GHA-00240/DC | 2007 | P[8]-Lineage III | 0.7 – 3.9 |
| GHA-00319/DC | 2008 | P[8]-Lineage III |
| GHA-00328/DC | 2008 | P[8]-Lineage III |
| GHA-00378/DC  | 2008 | P[8]-Lineage III |
| GHA-00532/DC  | 2008 | P[8]-Lineage III |
| GHA-00324/DC  | 2008 | P[8]-Lineage III |
| GHA-00495/DC  | 2008 | P[8]-Lineage III |
| GHA-00329/DC  | 2008 | P[8]-Lineage III |
| GHA-00592/DC  | 2009 | P[8]-Lineage III |
| **DC/2010** | GHA-00850/DC  | 2010 | P[8]-Lineage III | 0.2 – 3.2 |
| GHA-00892/DC  | 2010 | P[8]-Lineage III |
| GHA-00840/DC  | 2010 | P[8]-Lineage III |
| GHA-009I9/DC  | 2010 | P[8]-Lineage III |
| GHA-00845/DC  | 2010 | P[8]-Lineage III |
| GHA-00886/DC  | 2010 | P[8]-Lineage III |
| GHA-00894/DC  | 2010 | P[8]-Lineage III |
| **PML/2010** | GHA-00702/PML  | 2010 | P[8]-Lineage III | 0.7 – 3.9 |
| GHA-00759/PML  | 2010 | P[8]-Lineage III |
| GHA-00800/PML  | 2010 | P[8]-Lineage III |
| GHA-00789/PML  | 2010 | P[8]-Lineage III |
| GHA-00796/PML  | 2010 | P[8]-Lineage III |
| GHA-00793/PML  | 2010 | P[8]-Lineage III |
| GHA-00713/PML  | 2010 | P[8]-Lineage III |
| GHA-00710/PML  | 2010 | P[8]-Lineage III |
| GHA-00802/PML  | 2010 | P[8]-Lineage III |
| GHA-00801/PML  | 2010 | P[8]-Lineage III |
| GHA-00810/PML  | 2010 | P[8]-Lineage III |
| GHA-00784/PML  | 2010 | P[8]-Lineage III |
| **EB/M/P/2009-2010** | GHA-0093/M  | 2010 | P[8]-Lineage III | 0 – 2.9 |
| GHA-0176/P  | 2010 | P[8]-Lineage III |
| GHA-5059/EB  | 2009 | P[8]-Lineage III |
| GHA-0099/M  | 2010 | P[8]-Lineage III |
| GHA-0123/P  | 2010 | P[8]-Lineage III |
| GHA-0139/P  | 2010 | P[8]-Lineage III |
| **AG/K/2010** | GHA-0028/K  | 2010 | P[8]-Lineage III | 0.5 – 3.0 |
| GHA-0021/K  | 2010 | P[8]-Lineage III |
| GHA-474/AG  | 2010 | P[8]-Lineage III |
|  |  |  |  |