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

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| --- | --- | --- | --- | --- | --- |
| **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 |
|  |  |  |  | |