|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Virus genus** | **Conditions** | **# Co-speciations** | **# Duplications** | **# Host switches** | **# Losses** | **# Failures to diverge** | **Cost** |
| Unclassified *bat picornavirus* | Events = 1 | 0 | 9 | 4 | 0 | 0 | 13 |
| Events = 0 | 0 | 9 | 4 | 0 | 0 | 0 |
| Co-speciation = 0, other events =1 | 2 | 9 | 2 | 0 | 0 | 11 |
| 3 | 9 | 1 | 1 | 0 | 12 |
| *Sapelovirus* | Events = 1 | 0 | 3 | 7 | 0 | 0 | 10 |
| Events = 0 | 0 | 3 | 7 | 0 | 0 | 0 |
| Co-speciation = 0, other events =1 | 4 | 2 | 4 | 0 | 0 | 6 |
| 5 | 2 | 3 | 1 | 0 | 6 |
| *Teschovirus* | Events = 1 | 0 | 2 | 8 | 0 | 0 | 10 |
| Events = 0 | 0 | 2 | 8 | 0 | 0 | 0 |
| Co-speciation = 0,  other events =1 | 4 | 2 | 4 | 0 | 0 | 6 |
| 5 | 2 | 3 | 1 | 0 | 0 |
| *Sapovirus* | Events = 1 | 0 | 9 | 12 | 0 | 0 | 21 |
| Events = 0 | 0 | 9 | 12 | 0 | 0 | 0 |
| Co-speciation = 0,  other events =1 | 5 | 8 | 8 | 0 | 0 | 16 |
| 6 | 8 | 7 | 1 | 0 | 16 |
| *Mischivirus* | Events = 1 | 0 | 5 | 6 | 0 | 0 | 11 |
| Events = 0 | 0 | 5 | 6 | 0 | 0 | 0 |
| Co-speciation = 0, other events =1 | 2 | 6 | 3 | 0 | 0 | 9 |
| *Kunsagivirus* | Events = 1 | 0 | 0 | 3 | 0 | 0 | 3 |
| Events = 0 | 0 | 0 | 3 | 0 | 0 | 0 |
| Co-speciation = 0, other events =1 | 3 | 0 | 0 | 0 | 0 | 0 |
| *Hepatovirus* | Events = 1 | 0 | 2 | 8 | 0 | 0 | 10 |
| Events = 0 | 0 | 2 | 8 | 0 | 0 | 0 |
| Co-speciation = 0, other events =1 | 4 | 2 | 4 | 0 | 0 | 6 |