Table 1: Column Overview

| Column Name | Data Type | Example Values |
| --- | --- | --- |
| ViralRefSeq\_taxonomy | chr | taxid:81877|Trichovirus|Trivirinae|Betaflexiviridae|Tymovirales|Alsuviricetes|Kitrinoviricota|Orthornavirae|Riboviria, taxid:, taxid:35281|Tobamovirus|Virgaviridae|Martellivirales|Alsuviricetes|Kitrinoviricota|Orthornavirae|Riboviria |
| SRA\_run | chr | SRR12572674, SRR12572674, SRR12572674 |
| SRA\_sample | chr | SRS7308984, SRS7308984, SRS7308984 |
| SRA\_study | chr | SRP279765, SRP279765, SRP279765 |
| host\_taxon | chr | Sus scrofa, Sus scrofa, Sus scrofa |
| host\_taxid | dbl | 9.82e+03, 9.82e+03, 9.82e+03 |
| num\_hits | dbl | 3.00e+00, 3.20e+01, 7.00e+00 |
| best\_E | dbl | 5.60e-16, 4.60e-07, 1.20e-05 |
| best\_query | chr | Tymo\_RdRp, Tombus-Noda\_RdRp, Hepe-Virga\_RdRp |
| ViralRefSeq\_E | dbl | 1.23e-28, 8.21e-44, 4.05e-08 |
| ViralRefSeq\_ident | dbl | 9.39e+01, 7.23e+01, 3.77e+01 |
| ViralRefSeq\_aLen/sLen | chr | 147 / 150, 303 / 331, 183 / 227 |
| ViralRefSeq\_contigs | dbl | 3.00e+00, 7.00e+00, 1.00e+00 |
| ViralRefSeq\_subject | chr | NC\_015220.1|Grapevine berry inner necrosis virus, complete genome, |N/A, NC\_004106.1|Paprika mild mottle virus, complete genome |