

**Part 1:** **TITLE, AUTHORS, APPROVALS, etc**

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| **Code assigned:** | **2020.018M** |  |
| **Short title:** Create one new species in genus *Antennavirus* (*Bunyavirales*: *Arenaviridae*) | | |
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**Author(s) and email address(es)**

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**List the ICTV Study Group(s) that have seen this proposal**

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| ICTV *Arenaviridae* Study Group |

**ICTV study group comments and response of proposer**

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**Submission dates**

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| --- | --- |
| Date first submitted to SC Chair | July 31, 2020 |
| Date of this revision (if different to above) |  |

**ICTV-EC comments and response of the proposer**

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**Part 3:** **TAXONOMIC PROPOSAL**

**Name of accompanying Excel module**

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| --- |
| 2020.018M.R.Antennavirus.xlsx |

**Abstract**

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| We propose formation of a novel species: *Salmon antennavirus,* part of the *Antennavirus* genus*.* The virus sequences were obtained using next-generation sequencing and *de novo* genome assembly. The proposed classification is based on pairwise sequence identity using BLAST, and phylogenetic analysis of encoded amino acid sequences. |

**Text of proposal**

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arenavirids (salmon pescarenavirus 1 [SPAV-1] and salmon pescarenavirus 2 [SPAV-2)) were identified by next-generation sequencing of Chinook and sockeye salmon samples [1]. Complete-coding sequence (CDS) were obtained, followed by phylogenetic analysis, *in situ* hybridization, and RT-PCR surveillance of wild and farmed salmon. Neither of the identified viruses have been isolated in cell culture. The sequences have been deposited to GenBank (MK611979.1- MK611984.1). In our manuscript [1], we recommended that the fish arenaviruses are assigned to a new genus. Around the same time, a new arenavirid genus, *Antennavirus* was created for other fish viruses, and we hence recommend that SPAV-1/2 are classified within this genus. With the exception of their relatively recent discovery in snakes [4] and frogfish [3], arenaviruses were thought to solely infect mammals. The arenaviruses reported here share less than 15% amino-acid sequence similarity (in the RdRp) to those from mammals and snakes, and phylogenetic analysis (Figure 1) shows that these represent a new monophyletic evolutionary group [1].    **Figure 1 Maximum likelihood phylogenetic tree based on MAFFT alignments of the predicted replicase protein of salmon pescarenaviruses 1 and 2 and related arenaviruses.** Scale bar represents the number of amino substitutions per site, node labels show the bootstrap support and host groups are shown by colour. Trees are mid-point rooted, so do not necessarily represent the ancestral relationship of the viruses.  PAirwise Sequence Comparison (PASC) tool (<https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?textpage=overview>) is recommended by the ICTV *Arenaviridae* Study Group for the classification of novel arenaviruses [2]. The sequence-based criteria for classifying arenaviruses into same species are >80% and >76% nucleotide sequence identity in the S and L segments.  Therefore, PASC analysis was used to guide classification of SPAV-1 and SPAV-2, by comparing the S, M, and L segments of SPAV-1 and SPAV-2 against the classified antennaviruses WlFV-1 and WlFV-2. Because antennaviruses have trisegmented genomes rather than the typical bisegmented structure of other arenaviruses and because the PASC tool only overs arenavirus S and L, but no M, segment modalities, antennavirus S and M segments were compared using the PASC arenavirus S segment tool (in non-antennavirus arenaviruses, the ORFs contained on antennavirus S and M segments are encoded on the S segment).  **S segment**   |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | **Top matches for**[**gi|1359122964|gb|MG599864.1|**](https://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=1359122964) **Wenling frogfish arenavirus 1 strain XYHYG11303 segment S, complete sequence:** | | | | | | | | | | | BLAST-based alignments | | | | |  |  |  |  |  | | 1 |  | [41.82%](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?textpage=pa2txt&jobkey=JSID_01_6729703_130.14.22.10_9000_Pasc&idx=0) |  | [**gi|1726259606|gb|MK611984.1|**](https://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=1726259606)[**unclassified Arenaviridae**](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=208898)**|**[**Salmon pescarenavirus 1**](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=2587489) |  | | | | | | [2](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?cmdresult=main&jobkey=JSID_01_6729703_130.14.22.10_9000_Pasc&idx=1&scale=Linear) |  | [39.59%](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?textpage=pa2txt&jobkey=JSID_01_6729703_130.14.22.10_9000_Pasc&idx=1) |  | [**gi|1726259598|gb|MK611980.1|**](https://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=1726259598)[**unclassified Arenaviridae**](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=208898)**|**[**Salmon pescarenavirus 2**](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=2587488) |  | | | | | | [3](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?cmdresult=main&jobkey=JSID_01_6729703_130.14.22.10_9000_Pasc&idx=2&scale=Linear) |  | [38.54%](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?textpage=pa2txt&jobkey=JSID_01_6729703_130.14.22.10_9000_Pasc&idx=2) |  | [**gi|1359127143|gb|MG599870.1|**](https://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=1359127143) **Wenling frogfish arenavirus 2 strain XQTMC48005 segment S, complete sequence** |  | | | | | | [4](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?cmdresult=main&jobkey=JSID_01_6729703_130.14.22.10_9000_Pasc&idx=3&scale=Linear) |  | [27.66%](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?textpage=pa2txt&jobkey=JSID_01_6729703_130.14.22.10_9000_Pasc&idx=3) |  | [gi|1694998456|ref|NC\_043444.1|](https://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=1694998456) [Hartmanivirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=2169607)|[Haartman hartmanivirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=2169909)|[Haartman Institute snake virus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=1672380) |  | | | | | | [5](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?cmdresult=main&jobkey=JSID_01_6729703_130.14.22.10_9000_Pasc&idx=4&scale=Linear) |  | [25.65%](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?textpage=pa2txt&jobkey=JSID_01_6729703_130.14.22.10_9000_Pasc&idx=4) |  | [gi|1527256284|gb|MH483024.1|](https://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=1527256284) [Hartmanivirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=2169607)|[Schoolhouse hartmanivirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=2734412)|[Old schoolhouse virus 1](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=2447920) |  | | | | | | [6](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?cmdresult=main&jobkey=JSID_01_6729703_130.14.22.10_9000_Pasc&idx=5&scale=Linear) |  | [24.84%](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?textpage=pa2txt&jobkey=JSID_01_6729703_130.14.22.10_9000_Pasc&idx=5) |  | [gi|1527256292|gb|MH483027.1|](https://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=1527256292) [Hartmanivirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=2169607)|[Schoolhouse hartmanivirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=2734412)|[Old schoolhouse virus 1](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=2447920) |  | | | | | | [7](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?cmdresult=main&jobkey=JSID_01_6729703_130.14.22.10_9000_Pasc&idx=6&scale=Linear) |  | [24.14%](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?textpage=pa2txt&jobkey=JSID_01_6729703_130.14.22.10_9000_Pasc&idx=6) |  | [gi|1527256288|gb|MH483026.1|](https://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=1527256288) [Hartmanivirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=2169607)|[Muikkunen hartmanivirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=2734411)|[Dante Muikkunen virus 1](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=2447916) |  | | | | | | [8](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?cmdresult=main&jobkey=JSID_01_6729703_130.14.22.10_9000_Pasc&idx=7&scale=Linear) |  | [20.3%](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?textpage=pa2txt&jobkey=JSID_01_6729703_130.14.22.10_9000_Pasc&idx=7) |  | [gi|1527256325|gb|MH483043.1|](https://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=1527256325) [Hartmanivirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=2169607)|[unclassified Hartmanivirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=2447915)|[Veterinary Pathology Zurich virus 2](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=2447923) |  | | | | | | [9](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?cmdresult=main&jobkey=JSID_01_6729703_130.14.22.10_9000_Pasc&idx=8&scale=Linear) |  | [19.34%](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?textpage=pa2txt&jobkey=JSID_01_6729703_130.14.22.10_9000_Pasc&idx=8) |  | [gi|1527256300|gb|MH483031.1|](https://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=1527256300) [Hartmanivirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=2169607)|[Zurich hartmanivirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=2734413)|[Veterinary Pathology Zurich virus 1](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=2447921) |  | | | | | | [10](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?cmdresult=main&jobkey=JSID_01_6729703_130.14.22.10_9000_Pasc&idx=9&scale=Linear) |  | [17.76%](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?textpage=pa2txt&jobkey=JSID_01_6729703_130.14.22.10_9000_Pasc&idx=9) |  | [gi|1421583101|gb|MG976578.1|](https://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=1421583101) [Mammarenavirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=1653394)|[Xapuri mammarenavirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=2734417)|[Xapuri virus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=2267561) |  | | | | | | **Top matches for**[**gi|1359127143|gb|MG599870.1|**](https://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=1359127143) **Wenling frogfish arenavirus 2 strain XQTMC48005 segment S, complete sequence:** | | | | | | | | | | | BLAST-based alignments | | | | |  |  |  |  |  | | [1](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?cmdresult=main&jobkey=JSID_01_6729703_130.14.22.10_9000_Pasc&idx=645&scale=Linear) |  | [44.92%](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?textpage=pa2txt&jobkey=JSID_01_6729703_130.14.22.10_9000_Pasc&idx=645) |  | [**gi|1726259606|gb|MK611984.1|**](https://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=1726259606)[**unclassified Arenaviridae**](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=208898)**|**[**Salmon pescarenavirus 1**](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=2587489) |  | | | | | | [2](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?cmdresult=main&jobkey=JSID_01_6729703_130.14.22.10_9000_Pasc&idx=646&scale=Linear) |  | [44.59%](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?textpage=pa2txt&jobkey=JSID_01_6729703_130.14.22.10_9000_Pasc&idx=646) |  | [**gi|1726259598|gb|MK611980.1|**](https://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=1726259598)[**unclassified Arenaviridae**](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=208898)**|**[**Salmon pescarenavirus 2**](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=2587488) |  | | | | | | [3](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?cmdresult=main&jobkey=JSID_01_6729703_130.14.22.10_9000_Pasc&idx=647&scale=Linear) |  | [38.54%](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?textpage=pa2txt&jobkey=JSID_01_6729703_130.14.22.10_9000_Pasc&idx=647) |  | [**gi|1359122964|gb|MG599864.1|**](https://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=1359122964) **Wenling frogfish arenavirus 1 strain XYHYG11303 segment S, complete sequence** |  | | | | | | [4](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?cmdresult=main&jobkey=JSID_01_6729703_130.14.22.10_9000_Pasc&idx=648&scale=Linear) |  | [29.97%](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?textpage=pa2txt&jobkey=JSID_01_6729703_130.14.22.10_9000_Pasc&idx=648) |  | [gi|1527256284|gb|MH483024.1|](https://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=1527256284) [Hartmanivirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=2169607)|[Schoolhouse hartmanivirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=2734412)|[Old schoolhouse virus 1](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=2447920) |  | | | | | | [5](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?cmdresult=main&jobkey=JSID_01_6729703_130.14.22.10_9000_Pasc&idx=649&scale=Linear) |  | [28.2%](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?textpage=pa2txt&jobkey=JSID_01_6729703_130.14.22.10_9000_Pasc&idx=649) |  | [gi|1527256292|gb|MH483027.1|](https://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=1527256292) [Hartmanivirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=2169607)|[Schoolhouse hartmanivirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=2734412)|[Old schoolhouse virus 1](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=2447920) |  | | | | | | [6](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?cmdresult=main&jobkey=JSID_01_6729703_130.14.22.10_9000_Pasc&idx=650&scale=Linear) |  | [28.12%](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?textpage=pa2txt&jobkey=JSID_01_6729703_130.14.22.10_9000_Pasc&idx=650) |  | [gi|1527256288|gb|MH483026.1|](https://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=1527256288) [Hartmanivirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=2169607)|[Muikkunen hartmanivirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=2734411)|[Dante Muikkunen virus 1](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=2447916) |  | | | | | | [7](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?cmdresult=main&jobkey=JSID_01_6729703_130.14.22.10_9000_Pasc&idx=651&scale=Linear) |  | [27.86%](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?textpage=pa2txt&jobkey=JSID_01_6729703_130.14.22.10_9000_Pasc&idx=651) |  | [gi|1527256325|gb|MH483043.1|](https://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=1527256325) [Hartmanivirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=2169607)|[unclassified Hartmanivirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=2447915)|[Veterinary Pathology Zurich virus 2](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=2447923) |  | | | | | | [8](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?cmdresult=main&jobkey=JSID_01_6729703_130.14.22.10_9000_Pasc&idx=652&scale=Linear) |  | [27.56%](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?textpage=pa2txt&jobkey=JSID_01_6729703_130.14.22.10_9000_Pasc&idx=652) |  | [gi|1527256300|gb|MH483031.1|](https://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=1527256300) [Hartmanivirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=2169607)|[Zurich hartmanivirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=2734413)|[Veterinary Pathology Zurich virus 1](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=2447921) |  | | | | | | [9](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?cmdresult=main&jobkey=JSID_01_6729703_130.14.22.10_9000_Pasc&idx=653&scale=Linear) |  | [24.32%](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?textpage=pa2txt&jobkey=JSID_01_6729703_130.14.22.10_9000_Pasc&idx=653) |  | [gi|1694998456|ref|NC\_043444.1|](https://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=1694998456) [Hartmanivirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=2169607)|[Haartman hartmanivirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=2169909)|[Haartman Institute snake virus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=1672380) |  | | | | | | [10](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?cmdresult=main&jobkey=JSID_01_6729703_130.14.22.10_9000_Pasc&idx=654&scale=Linear) |  | [23.5%](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?textpage=pa2txt&jobkey=JSID_01_6729703_130.14.22.10_9000_Pasc&idx=654) |  | [gi|1390708426|gb|MF414202.1|](https://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=1390708426) [Mammarenavirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=1653394)|[unclassified Mammarenavirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=2022411)|[Lijiang virus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=2201415) |  | | | | | | **Top matches for**[**gi|1726259598|gb|MK611980.1|**](https://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=1726259598) **Salmon pescarenavirus 2 isolate B1228 segment S nucleoprotein gene, complete cds:** | | | | | | | | | | | BLAST-based alignments | | | | |  |  |  |  |  | | [1](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?cmdresult=main&jobkey=JSID_01_6729703_130.14.22.10_9000_Pasc&idx=1290&scale=Linear) |  | [100%](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?textpage=pa2txt&jobkey=JSID_01_6729703_130.14.22.10_9000_Pasc&idx=1290) |  | [**gi|1726259598|gb|MK611980.1|**](https://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=1726259598)[**unclassified Arenaviridae**](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=208898)**|**[**Salmon pescarenavirus 2**](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=2587488) |  | | | | | | [2](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?cmdresult=main&jobkey=JSID_01_6729703_130.14.22.10_9000_Pasc&idx=1291&scale=Linear) |  | [82.22%](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?textpage=pa2txt&jobkey=JSID_01_6729703_130.14.22.10_9000_Pasc&idx=1291) |  | [**gi|1726259606|gb|MK611984.1|**](https://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=1726259606)[**unclassified Arenaviridae**](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=208898)**|**[**Salmon pescarenavirus 1**](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=2587489) |  | | | | | | [3](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?cmdresult=main&jobkey=JSID_01_6729703_130.14.22.10_9000_Pasc&idx=1292&scale=Linear) |  | [44.59%](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?textpage=pa2txt&jobkey=JSID_01_6729703_130.14.22.10_9000_Pasc&idx=1292) |  | [**gi|1359127143|gb|MG599870.1|**](https://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=1359127143) **Wenling frogfish arenavirus 2 strain XQTMC48005 segment S, complete sequence** |  | | | | | | [4](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?cmdresult=main&jobkey=JSID_01_6729703_130.14.22.10_9000_Pasc&idx=1293&scale=Linear) |  | [39.59%](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?textpage=pa2txt&jobkey=JSID_01_6729703_130.14.22.10_9000_Pasc&idx=1293) |  | [**gi|1359122964|gb|MG599864.1|**](https://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=1359122964) **Wenling frogfish arenavirus 1 strain XYHYG11303 segment S, complete sequence** |  | | | | | | [5](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?cmdresult=main&jobkey=JSID_01_6729703_130.14.22.10_9000_Pasc&idx=1294&scale=Linear) |  | [25.64%](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?textpage=pa2txt&jobkey=JSID_01_6729703_130.14.22.10_9000_Pasc&idx=1294) |  | [gi|1527256288|gb|MH483026.1|](https://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=1527256288) [Hartmanivirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=2169607)|[Muikkunen hartmanivirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=2734411)|[Dante Muikkunen virus 1](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=2447916) |  | | | | | | [6](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?cmdresult=main&jobkey=JSID_01_6729703_130.14.22.10_9000_Pasc&idx=1295&scale=Linear) |  | [23.31%](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?textpage=pa2txt&jobkey=JSID_01_6729703_130.14.22.10_9000_Pasc&idx=1295) |  | [gi|1527256284|gb|MH483024.1|](https://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=1527256284) [Hartmanivirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=2169607)|[Schoolhouse hartmanivirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=2734412)|[Old schoolhouse virus 1](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=2447920) |  | | | | | | [7](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?cmdresult=main&jobkey=JSID_01_6729703_130.14.22.10_9000_Pasc&idx=1296&scale=Linear) |  | [22.88%](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?textpage=pa2txt&jobkey=JSID_01_6729703_130.14.22.10_9000_Pasc&idx=1296) |  | [gi|1694998456|ref|NC\_043444.1|](https://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=1694998456) [Hartmanivirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=2169607)|[Haartman hartmanivirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=2169909)|[Haartman Institute snake virus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=1672380) |  | | | | | | [8](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?cmdresult=main&jobkey=JSID_01_6729703_130.14.22.10_9000_Pasc&idx=1297&scale=Linear) |  | [22.41%](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?textpage=pa2txt&jobkey=JSID_01_6729703_130.14.22.10_9000_Pasc&idx=1297) |  | [gi|1527256292|gb|MH483027.1|](https://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=1527256292) [Hartmanivirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=2169607)|[Schoolhouse hartmanivirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=2734412)|[Old schoolhouse virus 1](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=2447920) |  | | | | | | [9](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?cmdresult=main&jobkey=JSID_01_6729703_130.14.22.10_9000_Pasc&idx=1298&scale=Linear) |  | [21.24%](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?textpage=pa2txt&jobkey=JSID_01_6729703_130.14.22.10_9000_Pasc&idx=1298) |  | [gi|1527256300|gb|MH483031.1|](https://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=1527256300) [Hartmanivirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=2169607)|[Zurich hartmanivirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=2734413)|[Veterinary Pathology Zurich virus 1](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=2447921) |  | | | | | | [10](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?cmdresult=main&jobkey=JSID_01_6729703_130.14.22.10_9000_Pasc&idx=1299&scale=Linear) |  | [20.48%](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?textpage=pa2txt&jobkey=JSID_01_6729703_130.14.22.10_9000_Pasc&idx=1299) |  | [gi|1527256325|gb|MH483043.1|](https://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=1527256325) [Hartmanivirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=2169607)|[unclassified Hartmanivirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=2447915)|[Veterinary Pathology Zurich virus 2](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=2447923) |  | | | | | | **Top matches for**[**gi|1726259606|gb|MK611984.1|**](https://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=1726259606) **Salmon pescarenavirus 1 isolate G518 segment S nucleoprotein gene, complete cds:** | | | | | | | | | | | BLAST-based alignments | | | | |  |  |  |  |  | | [1](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?cmdresult=main&jobkey=JSID_01_6729703_130.14.22.10_9000_Pasc&idx=1936&scale=Linear) |  | [100%](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?textpage=pa2txt&jobkey=JSID_01_6729703_130.14.22.10_9000_Pasc&idx=1936) |  | [**gi|1726259606|gb|MK611984.1|**](https://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=1726259606)[**unclassified Arenaviridae**](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=208898)**|**[**Salmon pescarenavirus 1**](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=2587489) |  | | | | | | [2](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?cmdresult=main&jobkey=JSID_01_6729703_130.14.22.10_9000_Pasc&idx=1937&scale=Linear) |  | [82.22%](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?textpage=pa2txt&jobkey=JSID_01_6729703_130.14.22.10_9000_Pasc&idx=1937) |  | [**gi|1726259598|gb|MK611980.1|**](https://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=1726259598)[**unclassified Arenaviridae**](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=208898)**|**[**Salmon pescarenavirus 2**](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=2587488) |  | | | | | | [3](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?cmdresult=main&jobkey=JSID_01_6729703_130.14.22.10_9000_Pasc&idx=1938&scale=Linear) |  | [44.92%](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?textpage=pa2txt&jobkey=JSID_01_6729703_130.14.22.10_9000_Pasc&idx=1938) |  | [**gi|1359127143|gb|MG599870.1|**](https://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=1359127143) **Wenling frogfish arenavirus 2 strain XQTMC48005 segment S, complete sequence** |  | | | | | | [4](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?cmdresult=main&jobkey=JSID_01_6729703_130.14.22.10_9000_Pasc&idx=1939&scale=Linear) |  | [41.82%](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?textpage=pa2txt&jobkey=JSID_01_6729703_130.14.22.10_9000_Pasc&idx=1939) |  | [**gi|1359122964|gb|MG599864.1|**](https://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=1359122964) **Wenling frogfish arenavirus 1 strain XYHYG11303 segment S, complete sequence** |  | | | | | | [5](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?cmdresult=main&jobkey=JSID_01_6729703_130.14.22.10_9000_Pasc&idx=1940&scale=Linear) |  | [28.07%](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?textpage=pa2txt&jobkey=JSID_01_6729703_130.14.22.10_9000_Pasc&idx=1940) |  | [gi|1694998456|ref|NC\_043444.1|](https://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=1694998456) [Hartmanivirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=2169607)|[Haartman hartmanivirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=2169909)|[Haartman Institute snake virus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=1672380) |  | | | | | | [6](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?cmdresult=main&jobkey=JSID_01_6729703_130.14.22.10_9000_Pasc&idx=1941&scale=Linear) |  | [25.48%](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?textpage=pa2txt&jobkey=JSID_01_6729703_130.14.22.10_9000_Pasc&idx=1941) |  | [gi|1527256288|gb|MH483026.1|](https://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=1527256288) [Hartmanivirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=2169607)|[Muikkunen hartmanivirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=2734411)|[Dante Muikkunen virus 1](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=2447916) |  | | | | | | [7](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?cmdresult=main&jobkey=JSID_01_6729703_130.14.22.10_9000_Pasc&idx=1942&scale=Linear) |  | [24.9%](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?textpage=pa2txt&jobkey=JSID_01_6729703_130.14.22.10_9000_Pasc&idx=1942) |  | [gi|1527256292|gb|MH483027.1|](https://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=1527256292) [Hartmanivirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=2169607)|[Schoolhouse hartmanivirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=2734412)|[Old schoolhouse virus 1](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=2447920) |  | | | | | | [8](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?cmdresult=main&jobkey=JSID_01_6729703_130.14.22.10_9000_Pasc&idx=1943&scale=Linear) |  | [23.1%](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?textpage=pa2txt&jobkey=JSID_01_6729703_130.14.22.10_9000_Pasc&idx=1943) |  | [gi|1527256284|gb|MH483024.1|](https://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=1527256284) [Hartmanivirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=2169607)|[Schoolhouse hartmanivirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=2734412)|[Old schoolhouse virus 1](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=2447920) |  | | | | | | [9](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?cmdresult=main&jobkey=JSID_01_6729703_130.14.22.10_9000_Pasc&idx=1944&scale=Linear) |  | [20.89%](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?textpage=pa2txt&jobkey=JSID_01_6729703_130.14.22.10_9000_Pasc&idx=1944) |  | [gi|1527256325|gb|MH483043.1|](https://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=1527256325) [Hartmanivirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=2169607)|[unclassified Hartmanivirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=2447915)|[Veterinary Pathology Zurich virus 2](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=2447923) |  | | | | | | [10](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?cmdresult=main&jobkey=JSID_01_6729703_130.14.22.10_9000_Pasc&idx=1945&scale=Linear) |  | [19.48%](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?textpage=pa2txt&jobkey=JSID_01_6729703_130.14.22.10_9000_Pasc&idx=1945) |  | [gi|1527256300|gb|MH483031.1|](https://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=1527256300) [Hartmanivirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=2169607)|[Zurich hartmanivirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=2734413)|[Veterinary Pathology Zurich virus 1](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=2447921) |  |  |  |  |  |   **M segment**   |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | **Top matches for**[**gi|1359122966|gb|MG599865.1|**](https://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=1359122966) **Wenling frogfish arenavirus 1 strain XYHYG11303 segment M, complete sequence:** | | | | | | | | | | | BLAST-based alignments | | | | |  |  |  |  |  | | 1 |  | [24.96%](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?textpage=pa2txt&jobkey=JSID_01_3789812_130.14.22.21_9000_Pasc&idx=0) |  | [**gi|1359127145|gb|MG599871.1|**](https://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=1359127145) **Wenling frogfish arenavirus 2 strain XQTMC48005 segment M, complete sequence** |  | | | | | | [2](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?cmdresult=main&jobkey=JSID_01_3789812_130.14.22.21_9000_Pasc&idx=1&scale=Linear) |  | [22.53%](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?textpage=pa2txt&jobkey=JSID_01_3789812_130.14.22.21_9000_Pasc&idx=1) |  | [**gi|1726259604|gb|MK611983.1|**](https://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=1726259604) **Salmon pescarenavirus 1 isolate G518 segment M glycoprotein gene, complete cds** |  | | | | | | [3](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?cmdresult=main&jobkey=JSID_01_3789812_130.14.22.21_9000_Pasc&idx=2&scale=Linear) |  | [21.84%](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?textpage=pa2txt&jobkey=JSID_01_3789812_130.14.22.21_9000_Pasc&idx=2) |  | [**gi|1726259596|gb|MK611979.1|**](https://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=1726259596) **Salmon pescarenavirus 2 isolate B1228 segment M glycoprotein gene, complete cds** |  | | | | | | [4](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?cmdresult=main&jobkey=JSID_01_3789812_130.14.22.21_9000_Pasc&idx=3&scale=Linear) |  | [13.8%](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?textpage=pa2txt&jobkey=JSID_01_3789812_130.14.22.21_9000_Pasc&idx=3) |  | [gi|1483576209|gb|MG812683.1|](https://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=1483576209) [Mammarenavirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=1653394)|[Lassa mammarenavirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=11620) |  | | | | | | [5](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?cmdresult=main&jobkey=JSID_01_3789812_130.14.22.21_9000_Pasc&idx=4&scale=Linear) |  | [13.67%](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?textpage=pa2txt&jobkey=JSID_01_3789812_130.14.22.21_9000_Pasc&idx=4) |  | [gi|49037392|gb|AY628205.1|](https://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=49037392) [Mammarenavirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=1653394)|[Lassa mammarenavirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=11620) |  | | | | | | [6](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?cmdresult=main&jobkey=JSID_01_3789812_130.14.22.21_9000_Pasc&idx=5&scale=Linear) |  | [13.58%](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?textpage=pa2txt&jobkey=JSID_01_3789812_130.14.22.21_9000_Pasc&idx=5) |  | [gi|1020216068|gb|KU978807.1|](https://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=1020216068) [Mammarenavirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=1653394)|[Lassa mammarenavirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=11620) |  | | | | | | [7](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?cmdresult=main&jobkey=JSID_01_3789812_130.14.22.21_9000_Pasc&idx=6&scale=Linear) |  | [13.53%](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?textpage=pa2txt&jobkey=JSID_01_3789812_130.14.22.21_9000_Pasc&idx=6) |  | [gi|695314004|gb|KM821871.1|](https://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=695314004) [Mammarenavirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=1653394)|[Lassa mammarenavirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=11620) |  | | | | | | [8](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?cmdresult=main&jobkey=JSID_01_3789812_130.14.22.21_9000_Pasc&idx=7&scale=Linear) |  | [13.5%](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?textpage=pa2txt&jobkey=JSID_01_3789812_130.14.22.21_9000_Pasc&idx=7) |  | [gi|316308883|gb|GU481076.1|](https://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=316308883) [Mammarenavirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=1653394)|[Lassa mammarenavirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=11620) |  | | | | | | [9](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?cmdresult=main&jobkey=JSID_01_3789812_130.14.22.21_9000_Pasc&idx=8&scale=Linear) |  | [13.43%](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?textpage=pa2txt&jobkey=JSID_01_3789812_130.14.22.21_9000_Pasc&idx=8) |  | [gi|695314820|gb|KM821961.1|](https://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=695314820) [Mammarenavirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=1653394)|[Lassa mammarenavirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=11620) |  | | | | | | [10](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?cmdresult=main&jobkey=JSID_01_3789812_130.14.22.21_9000_Pasc&idx=9&scale=Linear) |  | [13.28%](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?textpage=pa2txt&jobkey=JSID_01_3789812_130.14.22.21_9000_Pasc&idx=9) |  | [gi|695315656|gb|KM822089.1|](https://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=695315656) [Mammarenavirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=1653394)|[Lassa mammarenavirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=11620) |  | | | | | | **Top matches for**[**gi|1359127145|gb|MG599871.1|**](https://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=1359127145) **Wenling frogfish arenavirus 2 strain XQTMC48005 segment M, complete sequence:** | | | | | | | | | | | BLAST-based alignments | | | | |  |  |  |  |  | | [1](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?cmdresult=main&jobkey=JSID_01_3789812_130.14.22.21_9000_Pasc&idx=647&scale=Linear) |  | [34.37%](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?textpage=pa2txt&jobkey=JSID_01_3789812_130.14.22.21_9000_Pasc&idx=647) |  | [**gi|1726259596|gb|MK611979.1|**](https://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=1726259596) **Salmon pescarenavirus 2 isolate B1228 segment M glycoprotein gene, complete cds** |  | | | | | | [2](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?cmdresult=main&jobkey=JSID_01_3789812_130.14.22.21_9000_Pasc&idx=648&scale=Linear) |  | [32.58%](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?textpage=pa2txt&jobkey=JSID_01_3789812_130.14.22.21_9000_Pasc&idx=648) |  | [**gi|1726259604|gb|MK611983.1|**](https://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=1726259604) **Salmon pescarenavirus 1 isolate G518 segment M glycoprotein gene, complete cds** |  | | | | | | [3](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?cmdresult=main&jobkey=JSID_01_3789812_130.14.22.21_9000_Pasc&idx=649&scale=Linear) |  | [24.96%](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?textpage=pa2txt&jobkey=JSID_01_3789812_130.14.22.21_9000_Pasc&idx=649) |  | [**gi|1359122966|gb|MG599865.1|**](https://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=1359122966) **Wenling frogfish arenavirus 1 strain XYHYG11303 segment M, complete sequence** |  | | | | | | [4](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?cmdresult=main&jobkey=JSID_01_3789812_130.14.22.21_9000_Pasc&idx=650&scale=Linear) |  | [15.08%](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?textpage=pa2txt&jobkey=JSID_01_3789812_130.14.22.21_9000_Pasc&idx=650) |  | [gi|1493629530|gb|MH887787.1|](https://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=1493629530) [Mammarenavirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=1653394)|[Lassa mammarenavirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=11620) |  | | | | | | [5](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?cmdresult=main&jobkey=JSID_01_3789812_130.14.22.21_9000_Pasc&idx=651&scale=Linear) |  | [14.37%](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?textpage=pa2txt&jobkey=JSID_01_3789812_130.14.22.21_9000_Pasc&idx=651) |  | [gi|1493629662|gb|MH887831.1|](https://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=1493629662) [Mammarenavirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=1653394)|[Lassa mammarenavirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=11620) |  | | | | | | [6](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?cmdresult=main&jobkey=JSID_01_3789812_130.14.22.21_9000_Pasc&idx=652&scale=Linear) |  | [14.04%](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?textpage=pa2txt&jobkey=JSID_01_3789812_130.14.22.21_9000_Pasc&idx=652) |  | [gi|1493629500|gb|MH887777.1|](https://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=1493629500) [Mammarenavirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=1653394)|[Lassa mammarenavirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=11620) |  | | | | | | [7](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?cmdresult=main&jobkey=JSID_01_3789812_130.14.22.21_9000_Pasc&idx=653&scale=Linear) |  | [13.83%](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?textpage=pa2txt&jobkey=JSID_01_3789812_130.14.22.21_9000_Pasc&idx=653) |  | [gi|1493629518|gb|MH887783.1|](https://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=1493629518) [Mammarenavirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=1653394)|[Lassa mammarenavirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=11620) |  | | | | | | [8](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?cmdresult=main&jobkey=JSID_01_3789812_130.14.22.21_9000_Pasc&idx=654&scale=Linear) |  | [13.04%](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?textpage=pa2txt&jobkey=JSID_01_3789812_130.14.22.21_9000_Pasc&idx=654) |  | [gi|695315509|gb|KM822071.1|](https://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=695315509) [Mammarenavirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=1653394)|[Lassa mammarenavirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=11620) |  | | | | | | [9](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?cmdresult=main&jobkey=JSID_01_3789812_130.14.22.21_9000_Pasc&idx=655&scale=Linear) |  | [13.02%](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?textpage=pa2txt&jobkey=JSID_01_3789812_130.14.22.21_9000_Pasc&idx=655) |  | [gi|1529956432|gb|MK107907.1|](https://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=1529956432) [Mammarenavirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=1653394)|[Lassa mammarenavirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=11620) |  | | | | | | [10](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?cmdresult=main&jobkey=JSID_01_3789812_130.14.22.21_9000_Pasc&idx=656&scale=Linear) |  | [12.99%](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?textpage=pa2txt&jobkey=JSID_01_3789812_130.14.22.21_9000_Pasc&idx=656) |  | [gi|695315347|gb|KM822045.1|](https://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=695315347) [Mammarenavirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=1653394)|[Lassa mammarenavirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=11620) |  | | | | | | **Top matches for**[**gi|1726259596|gb|MK611979.1|**](https://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=1726259596) **Salmon pescarenavirus 2 isolate B1228 segment M glycoprotein gene, complete cds:** | | | | | | | | | | | BLAST-based alignments | | | | |  |  |  |  |  | | [1](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?cmdresult=main&jobkey=JSID_01_3789812_130.14.22.21_9000_Pasc&idx=1294&scale=Linear) |  | [78.25%](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?textpage=pa2txt&jobkey=JSID_01_3789812_130.14.22.21_9000_Pasc&idx=1294) |  | [**gi|1726259604|gb|MK611983.1|**](https://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=1726259604) **Salmon pescarenavirus 1 isolate G518 segment M glycoprotein gene, complete cds** |  | | | | | | [2](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?cmdresult=main&jobkey=JSID_01_3789812_130.14.22.21_9000_Pasc&idx=1295&scale=Linear) |  | [34.37%](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?textpage=pa2txt&jobkey=JSID_01_3789812_130.14.22.21_9000_Pasc&idx=1295) |  | [**gi|1359127145|gb|MG599871.1|**](https://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=1359127145) **Wenling frogfish arenavirus 2 strain XQTMC48005 segment M, complete sequence** |  | | | | | | [3](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?cmdresult=main&jobkey=JSID_01_3789812_130.14.22.21_9000_Pasc&idx=1296&scale=Linear) |  | [21.84%](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?textpage=pa2txt&jobkey=JSID_01_3789812_130.14.22.21_9000_Pasc&idx=1296) |  | [**gi|1359122966|gb|MG599865.1|**](https://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=1359122966) **Wenling frogfish arenavirus 1 strain XYHYG11303 segment M, complete sequence** |  | | | | | | [4](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?cmdresult=main&jobkey=JSID_01_3789812_130.14.22.21_9000_Pasc&idx=1297&scale=Linear) |  | [16.48%](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?textpage=pa2txt&jobkey=JSID_01_3789812_130.14.22.21_9000_Pasc&idx=1297) |  | [gi|1726259598|gb|MK611980.1|](https://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=1726259598) [unclassified Arenaviridae](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=208898)|[Salmon pescarenavirus 2](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=2587488) |  | | | | | | [5](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?cmdresult=main&jobkey=JSID_01_3789812_130.14.22.21_9000_Pasc&idx=1298&scale=Linear) |  | [15.41%](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?textpage=pa2txt&jobkey=JSID_01_3789812_130.14.22.21_9000_Pasc&idx=1298) |  | [gi|695313435|gb|KM821806.1|](https://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=695313435) [Mammarenavirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=1653394)|[Lassa mammarenavirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=11620) |  | | | | | | [6](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?cmdresult=main&jobkey=JSID_01_3789812_130.14.22.21_9000_Pasc&idx=1299&scale=Linear) |  | [15.15%](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?textpage=pa2txt&jobkey=JSID_01_3789812_130.14.22.21_9000_Pasc&idx=1299) |  | [gi|695313634|gb|KM821830.1|](https://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=695313634) [Mammarenavirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=1653394)|[Lassa mammarenavirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=11620) |  | | | | | | [7](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?cmdresult=main&jobkey=JSID_01_3789812_130.14.22.21_9000_Pasc&idx=1300&scale=Linear) |  | [15.04%](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?textpage=pa2txt&jobkey=JSID_01_3789812_130.14.22.21_9000_Pasc&idx=1300) |  | [gi|13274351|gb|AF277659.1|](https://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=13274351) [Mammarenavirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=1653394)|[Pirital mammarenavirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=49891) |  | | | | | | [8](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?cmdresult=main&jobkey=JSID_01_3789812_130.14.22.21_9000_Pasc&idx=1301&scale=Linear) |  | [14.54%](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?textpage=pa2txt&jobkey=JSID_01_3789812_130.14.22.21_9000_Pasc&idx=1301) |  | [gi|156753333|gb|EF619033.1|](https://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=156753333) [Mammarenavirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=1653394)|[Whitewater Arroyo mammarenavirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=46919)|[Tonto creek virus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=466143) |  | | | | | | [9](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?cmdresult=main&jobkey=JSID_01_3789812_130.14.22.21_9000_Pasc&idx=1302&scale=Linear) |  | [14.26%](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?textpage=pa2txt&jobkey=JSID_01_3789812_130.14.22.21_9000_Pasc&idx=1302) |  | [gi|48696000|ref|NC\_005894.1|](https://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=48696000) [Mammarenavirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=1653394)|[Pirital mammarenavirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=49891) |  | | | | | | [10](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?cmdresult=main&jobkey=JSID_01_3789812_130.14.22.21_9000_Pasc&idx=1303&scale=Linear) |  | [14.22%](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?textpage=pa2txt&jobkey=JSID_01_3789812_130.14.22.21_9000_Pasc&idx=1303) |  | [gi|695314505|gb|KM821922.1|](https://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=695314505) [Mammarenavirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=1653394)|[Lassa mammarenavirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=11620) |  | | | | | | **Top matches for**[**gi|1726259604|gb|MK611983.1|**](https://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=1726259604) **Salmon pescarenavirus 1 isolate G518 segment M glycoprotein gene, complete cds:** | | | | | | | | | | | BLAST-based alignments | | | | |  |  |  |  |  | | [1](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?cmdresult=main&jobkey=JSID_01_3789812_130.14.22.21_9000_Pasc&idx=1941&scale=Linear) |  | [78.25%](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?textpage=pa2txt&jobkey=JSID_01_3789812_130.14.22.21_9000_Pasc&idx=1941) |  | [**gi|1726259596|gb|MK611979.1|**](https://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=1726259596) **Salmon pescarenavirus 2 isolate B1228 segment M glycoprotein gene, complete cds** |  | | | | | | [2](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?cmdresult=main&jobkey=JSID_01_3789812_130.14.22.21_9000_Pasc&idx=1942&scale=Linear) |  | [32.58%](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?textpage=pa2txt&jobkey=JSID_01_3789812_130.14.22.21_9000_Pasc&idx=1942) |  | [**gi|1359127145|gb|MG599871.1|**](https://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=1359127145) **Wenling frogfish arenavirus 2 strain XQTMC48005 segment M, complete sequence** |  | | | | | | [3](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?cmdresult=main&jobkey=JSID_01_3789812_130.14.22.21_9000_Pasc&idx=1943&scale=Linear) |  | [22.53%](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?textpage=pa2txt&jobkey=JSID_01_3789812_130.14.22.21_9000_Pasc&idx=1943) |  | [**gi|1359122966|gb|MG599865.1|**](https://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=1359122966) **Wenling frogfish arenavirus 1 strain XYHYG11303 segment M, complete sequence** |  | | | | | | [4](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?cmdresult=main&jobkey=JSID_01_3789812_130.14.22.21_9000_Pasc&idx=1944&scale=Linear) |  | [19.12%](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?textpage=pa2txt&jobkey=JSID_01_3789812_130.14.22.21_9000_Pasc&idx=1944) |  | [gi|821492762|gb|KP071472.1|](https://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=821492762) [Reptarenavirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=1653395)|[unclassified Reptarenavirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=1654822)|[unidentified Reptarenavirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=1654823) |  | | | | | | [5](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?cmdresult=main&jobkey=JSID_01_3789812_130.14.22.21_9000_Pasc&idx=1945&scale=Linear) |  | [19.06%](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?textpage=pa2txt&jobkey=JSID_01_3789812_130.14.22.21_9000_Pasc&idx=1945) |  | [gi|1726259598|gb|MK611980.1|](https://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=1726259598) [unclassified Arenaviridae](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=208898)|[Salmon pescarenavirus 2](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=2587488) |  | | | | | | [6](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?cmdresult=main&jobkey=JSID_01_3789812_130.14.22.21_9000_Pasc&idx=1946&scale=Linear) |  | [18.46%](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?textpage=pa2txt&jobkey=JSID_01_3789812_130.14.22.21_9000_Pasc&idx=1946) |  | [gi|821493116|gb|KP071644.1|](https://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=821493116) [Reptarenavirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=1653395)|[unclassified Reptarenavirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=1654822)|[unidentified Reptarenavirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=1654823) |  | | | | | | [7](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?cmdresult=main&jobkey=JSID_01_3789812_130.14.22.21_9000_Pasc&idx=1947&scale=Linear) |  | [18.15%](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?textpage=pa2txt&jobkey=JSID_01_3789812_130.14.22.21_9000_Pasc&idx=1947) |  | [gi|821493151|gb|KP071671.1|](https://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=821493151) [Reptarenavirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=1653395)|[unclassified Reptarenavirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=1654822)|[unidentified Reptarenavirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=1654823) |  | | | | | | [8](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?cmdresult=main&jobkey=JSID_01_3789812_130.14.22.21_9000_Pasc&idx=1948&scale=Linear) |  | [16.54%](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?textpage=pa2txt&jobkey=JSID_01_3789812_130.14.22.21_9000_Pasc&idx=1948) |  | [gi|821492932|gb|KP071557.1|](https://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=821492932) [Reptarenavirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=1653395)|[unclassified Reptarenavirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=1654822)|[unidentified Reptarenavirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=1654823) |  | | | | | | [9](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?cmdresult=main&jobkey=JSID_01_3789812_130.14.22.21_9000_Pasc&idx=1949&scale=Linear) |  | [15.52%](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?textpage=pa2txt&jobkey=JSID_01_3789812_130.14.22.21_9000_Pasc&idx=1949) |  | [gi|1525820481|dbj|LC387488.1|](https://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=1525820481) [Mammarenavirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=1653394)|[Lassa mammarenavirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=11620) |  | | | | | | [10](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?cmdresult=main&jobkey=JSID_01_3789812_130.14.22.21_9000_Pasc&idx=1950&scale=Linear) |  | [15.38%](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?textpage=pa2txt&jobkey=JSID_01_3789812_130.14.22.21_9000_Pasc&idx=1950) |  | [gi|821492787|gb|KP071480.1|](https://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=821492787) [Reptarenavirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=1653395)|[unclassified Reptarenavirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=1654822)|[unidentified Reptarenavirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=1654823) |  |  |  |  |  |   **L segment**   |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | **Top matches for**[**gi|1359122962|gb|MG599863.1|**](https://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=1359122962) **Wenling frogfish arenavirus 1 strain XYHYG11303 segment L, complete sequence:** | | | | | | | | | | | BLAST-based alignments | | | | |  |  |  |  |  | | 1 |  | [47.04%](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?textpage=pa2txt&jobkey=JSID_01_3801748_130.14.18.128_9000_Pasc&idx=0) |  | [**gi|1726259602|gb|MK611982.1|**](https://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=1726259602)[**unclassified Arenaviridae**](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=208898)**|**[**Salmon pescarenavirus 1**](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=2587489) |  | | | | | | [2](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?cmdresult=main&jobkey=JSID_01_3801748_130.14.18.128_9000_Pasc&idx=1&scale=Linear) |  | [46.73%](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?textpage=pa2txt&jobkey=JSID_01_3801748_130.14.18.128_9000_Pasc&idx=1) |  | [**gi|1726259600|gb|MK611981.1|**](https://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=1726259600)[**unclassified Arenaviridae**](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=208898)**|**[**Salmon pescarenavirus 2**](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=2587488) |  | | | | | | [3](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?cmdresult=main&jobkey=JSID_01_3801748_130.14.18.128_9000_Pasc&idx=2&scale=Linear) |  | [45.7%](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?textpage=pa2txt&jobkey=JSID_01_3801748_130.14.18.128_9000_Pasc&idx=2) |  | [**gi|1359127141|gb|MG599869.1|**](https://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=1359127141) **Wenling frogfish arenavirus 2 strain XQTMC48005 segment L, complete sequence** |  | | | | | | [4](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?cmdresult=main&jobkey=JSID_01_3801748_130.14.18.128_9000_Pasc&idx=3&scale=Linear) |  | [19.2%](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?textpage=pa2txt&jobkey=JSID_01_3801748_130.14.18.128_9000_Pasc&idx=3) |  | [gi|1527256692|gb|MH483032.1|](https://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=1527256692) [Hartmanivirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=2169607)|[Zurich hartmanivirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=2734413)|[Veterinary Pathology Zurich virus 1](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=2447921) |  | | | | | | [5](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?cmdresult=main&jobkey=JSID_01_3801748_130.14.18.128_9000_Pasc&idx=4&scale=Linear) |  | [17.44%](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?textpage=pa2txt&jobkey=JSID_01_3801748_130.14.18.128_9000_Pasc&idx=4) |  | [gi|1527256683|gb|MH483025.1|](https://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=1527256683) [Hartmanivirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=2169607)|[Schoolhouse hartmanivirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=2734412)|[Old schoolhouse virus 1](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=2447920) |  | | | | | | [6](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?cmdresult=main&jobkey=JSID_01_3801748_130.14.18.128_9000_Pasc&idx=5&scale=Linear) |  | [17.02%](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?textpage=pa2txt&jobkey=JSID_01_3801748_130.14.18.128_9000_Pasc&idx=5) |  | [gi|821492023|gb|KP071485.1|](https://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=821492023) [Reptarenavirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=1653395)|[unclassified Reptarenavirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=1654822)|[unidentified Reptarenavirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=1654823) |  | | | | | | [7](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?cmdresult=main&jobkey=JSID_01_3801748_130.14.18.128_9000_Pasc&idx=6&scale=Linear) |  | [16.96%](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?textpage=pa2txt&jobkey=JSID_01_3801748_130.14.18.128_9000_Pasc&idx=6) |  | [gi|821492041|gb|KP071491.1|](https://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=821492041) [Reptarenavirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=1653395)|[unclassified Reptarenavirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=1654822)|[unidentified Reptarenavirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=1654823) |  | | | | | | [8](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?cmdresult=main&jobkey=JSID_01_3801748_130.14.18.128_9000_Pasc&idx=7&scale=Linear) |  | [16.88%](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?textpage=pa2txt&jobkey=JSID_01_3801748_130.14.18.128_9000_Pasc&idx=7) |  | [gi|821492281|gb|KP071569.1|](https://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=821492281) [Reptarenavirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=1653395)|[unclassified Reptarenavirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=1654822)|[unidentified Reptarenavirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=1654823) |  | | | | | | [9](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?cmdresult=main&jobkey=JSID_01_3801748_130.14.18.128_9000_Pasc&idx=8&scale=Linear) |  | [16.8%](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?textpage=pa2txt&jobkey=JSID_01_3801748_130.14.18.128_9000_Pasc&idx=8) |  | [gi|821492440|gb|KP071617.1|](https://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=821492440) [Reptarenavirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=1653395)|[unclassified Reptarenavirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=1654822)|[unidentified Reptarenavirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=1654823) |  | | | | | | [10](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?cmdresult=main&jobkey=JSID_01_3801748_130.14.18.128_9000_Pasc&idx=9&scale=Linear) |  | [16.78%](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?textpage=pa2txt&jobkey=JSID_01_3801748_130.14.18.128_9000_Pasc&idx=9) |  | [gi|1694998454|ref|NC\_043443.1|](https://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=1694998454) [Hartmanivirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=2169607)|[Haartman hartmanivirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=2169909)|[Haartman Institute snake virus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=1672380) |  | | | | | | **Top matches for**[**gi|1359127141|gb|MG599869.1|**](https://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=1359127141) **Wenling frogfish arenavirus 2 strain XQTMC48005 segment L, complete sequence:** | | | | | | | | | | | BLAST-based alignments | | | | |  |  |  |  |  | | [1](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?cmdresult=main&jobkey=JSID_01_3801748_130.14.18.128_9000_Pasc&idx=637&scale=Linear) |  | [51.86%](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?textpage=pa2txt&jobkey=JSID_01_3801748_130.14.18.128_9000_Pasc&idx=637) |  | [**gi|1726259602|gb|MK611982.1|**](https://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=1726259602)[**unclassified Arenaviridae**](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=208898)**|**[**Salmon pescarenavirus 1**](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=2587489) |  | | | | | | [2](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?cmdresult=main&jobkey=JSID_01_3801748_130.14.18.128_9000_Pasc&idx=638&scale=Linear) |  | [50.85%](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?textpage=pa2txt&jobkey=JSID_01_3801748_130.14.18.128_9000_Pasc&idx=638) |  | [**gi|1726259600|gb|MK611981.1|**](https://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=1726259600)[**unclassified Arenaviridae**](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=208898)**|**[**Salmon pescarenavirus 2**](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=2587488) |  | | | | | | [3](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?cmdresult=main&jobkey=JSID_01_3801748_130.14.18.128_9000_Pasc&idx=639&scale=Linear) |  | [45.7%](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?textpage=pa2txt&jobkey=JSID_01_3801748_130.14.18.128_9000_Pasc&idx=639) |  | [**gi|1359122962|gb|MG599863.1|**](https://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=1359122962) **Wenling frogfish arenavirus 1 strain XYHYG11303 segment L, complete sequence** |  | | | | | | [4](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?cmdresult=main&jobkey=JSID_01_3801748_130.14.18.128_9000_Pasc&idx=640&scale=Linear) |  | [20.24%](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?textpage=pa2txt&jobkey=JSID_01_3801748_130.14.18.128_9000_Pasc&idx=640) |  | [gi|1527256686|gb|MH483028.1|](https://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=1527256686) [Hartmanivirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=2169607)|[Schoolhouse hartmanivirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=2734412)|[Old schoolhouse virus 1](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=2447920) |  | | | | | | [5](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?cmdresult=main&jobkey=JSID_01_3801748_130.14.18.128_9000_Pasc&idx=641&scale=Linear) |  | [20.22%](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?textpage=pa2txt&jobkey=JSID_01_3801748_130.14.18.128_9000_Pasc&idx=641) |  | [gi|1527256692|gb|MH483032.1|](https://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=1527256692) [Hartmanivirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=2169607)|[Zurich hartmanivirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=2734413)|[Veterinary Pathology Zurich virus 1](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=2447921) |  | | | | | | [6](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?cmdresult=main&jobkey=JSID_01_3801748_130.14.18.128_9000_Pasc&idx=642&scale=Linear) |  | [19.96%](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?textpage=pa2txt&jobkey=JSID_01_3801748_130.14.18.128_9000_Pasc&idx=642) |  | [gi|1527256683|gb|MH483025.1|](https://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=1527256683) [Hartmanivirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=2169607)|[Schoolhouse hartmanivirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=2734412)|[Old schoolhouse virus 1](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=2447920) |  | | | | | | [7](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?cmdresult=main&jobkey=JSID_01_3801748_130.14.18.128_9000_Pasc&idx=643&scale=Linear) |  | [19.23%](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?textpage=pa2txt&jobkey=JSID_01_3801748_130.14.18.128_9000_Pasc&idx=643) |  | [gi|1694998454|ref|NC\_043443.1|](https://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=1694998454) [Hartmanivirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=2169607)|[Haartman hartmanivirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=2169909)|[Haartman Institute snake virus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=1672380) |  | | | | | | [8](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?cmdresult=main&jobkey=JSID_01_3801748_130.14.18.128_9000_Pasc&idx=644&scale=Linear) |  | [18.69%](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?textpage=pa2txt&jobkey=JSID_01_3801748_130.14.18.128_9000_Pasc&idx=644) |  | [gi|1489086926|gb|MH778629.1|](https://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=1489086926) [Hartmanivirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=2169607)|[Muikkunen hartmanivirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=2734411)|[Dante Muikkunen virus 1](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=2447916) |  | | | | | | [9](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?cmdresult=main&jobkey=JSID_01_3801748_130.14.18.128_9000_Pasc&idx=645&scale=Linear) |  | [17.87%](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?textpage=pa2txt&jobkey=JSID_01_3801748_130.14.18.128_9000_Pasc&idx=645) |  | [gi|695313564|gb|KM821821.1|](https://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=695313564) [Mammarenavirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=1653394)|[Lassa mammarenavirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=11620) |  | | | | | | [10](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?cmdresult=main&jobkey=JSID_01_3801748_130.14.18.128_9000_Pasc&idx=646&scale=Linear) |  | [17.04%](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?textpage=pa2txt&jobkey=JSID_01_3801748_130.14.18.128_9000_Pasc&idx=646) |  | [gi|821492369|gb|KP071594.1|](https://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=821492369) [Reptarenavirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=1653395)|[unclassified Reptarenavirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=1654822)|[unidentified Reptarenavirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=1654823) |  | | | | | | **Top matches for**[**gi|1726259600|gb|MK611981.1|**](https://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=1726259600) **Salmon pescarenavirus 2 isolate B1228 segment L RNA-dependent RNA polymerase gene, partial cds:** | | | | | | | | | | | BLAST-based alignments | | | | |  |  |  |  |  | | [1](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?cmdresult=main&jobkey=JSID_01_3801748_130.14.18.128_9000_Pasc&idx=1274&scale=Linear) |  | [100%](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?textpage=pa2txt&jobkey=JSID_01_3801748_130.14.18.128_9000_Pasc&idx=1274) |  | [**gi|1726259600|gb|MK611981.1|**](https://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=1726259600)[**unclassified Arenaviridae**](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=208898)**|**[**Salmon pescarenavirus 2**](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=2587488) |  | | | | | | [2](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?cmdresult=main&jobkey=JSID_01_3801748_130.14.18.128_9000_Pasc&idx=1275&scale=Linear) |  | [80.86%](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?textpage=pa2txt&jobkey=JSID_01_3801748_130.14.18.128_9000_Pasc&idx=1275) |  | [**gi|1726259602|gb|MK611982.1|**](https://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=1726259602)[**unclassified Arenaviridae**](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=208898)**|**[**Salmon pescarenavirus 1**](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=2587489) |  | | | | | | [3](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?cmdresult=main&jobkey=JSID_01_3801748_130.14.18.128_9000_Pasc&idx=1276&scale=Linear) |  | [50.85%](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?textpage=pa2txt&jobkey=JSID_01_3801748_130.14.18.128_9000_Pasc&idx=1276) |  | [**gi|1359127141|gb|MG599869.1|**](https://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=1359127141) **Wenling frogfish arenavirus 2 strain XQTMC48005 segment L, complete sequence** |  | | | | | | [4](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?cmdresult=main&jobkey=JSID_01_3801748_130.14.18.128_9000_Pasc&idx=1277&scale=Linear) |  | [46.73%](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?textpage=pa2txt&jobkey=JSID_01_3801748_130.14.18.128_9000_Pasc&idx=1277) |  | [**gi|1359122962|gb|MG599863.1|**](https://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=1359122962) **Wenling frogfish arenavirus 1 strain XYHYG11303 segment L, complete sequence** |  | | | | | | [5](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?cmdresult=main&jobkey=JSID_01_3801748_130.14.18.128_9000_Pasc&idx=1278&scale=Linear) |  | [16.64%](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?textpage=pa2txt&jobkey=JSID_01_3801748_130.14.18.128_9000_Pasc&idx=1278) |  | 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1](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=2447921) |  | | | | | | [6](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?cmdresult=main&jobkey=JSID_01_3801748_130.14.18.128_9000_Pasc&idx=1917&scale=Linear) |  | [17.8%](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?textpage=pa2txt&jobkey=JSID_01_3801748_130.14.18.128_9000_Pasc&idx=1917) |  | [gi|164519632|gb|AY216503.2|](https://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=164519632) [Mammarenavirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=1653394)|[Bear Canyon mammarenavirus](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=192848) |  | | | | | | [7](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?cmdresult=main&jobkey=JSID_01_3801748_130.14.18.128_9000_Pasc&idx=1918&scale=Linear) |  | [16.9%](https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi?textpage=pa2txt&jobkey=JSID_01_3801748_130.14.18.128_9000_Pasc&idx=1918) |  | 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