**Figure 4—source data 1:** GenBank accession numbers of vertebrate Nav channel protein sequences used in multiple sequence alignments and analysis.

|  |  |  |
| --- | --- | --- |
| Protein | Species | GenBank accession number |
| Nav1.1 | *Homo sapiens* | NM\_001165963.2 |
|  | *Mus musculus* | NM\_001313997.1 |
|  | *Gallus gallus* | XM\_003641586.3 |
|  | *Anolis carolinensis* | XM\_016995267.1 |
|  | *Nanorana parkeri* | XM\_018554238.1 |
|  | *Xenopus tropicalis* | XM\_012971277.2 |
| Nav1.2 | *Homo sapiens* | NM\_021007.2 |
|  | *Mus musculus* | NM\_001099298.3 |
|  | *Gallus gallus* | NM\_001293281.1 |
|  | *Anolis carolinensis* | XM\_008115152.2 |
|  | *Nanorana parkeri* | XM\_018554236.1 |
|  | *Xenopus tropicalis* | XM\_018097611.1 |
| Nav1.3 | *Homo sapiens* | NM\_006922.3 |
|  | *Mus musculus* | NM\_001355166.1 |
|  | *Gallus gallus* | XM\_015289740.1 |
|  | *Anolis carolinensis* | XM\_016995258.1 |
|  | *Nanorana parkeri* | XM\_018554239.1 |
|  | *Xenopus tropicalis* | XM\_012971260.2 |
| Nav1.4 | *Homo sapiens* | NM\_000334.4 |
|  | *Mus musculus* | NM\_133199.2 |
|  | *Gallus gallus* | NM\_001318445.1 |
|  | *Anolis carolinensis* | XM\_008113208.2 |
|  | *Nanorana parkeri* | XM\_018560831.1 |
|  | *Xenopus tropicalis* | XM\_018089322.1 |
|  | *Taricha granulosa* | KP118969.1 |
| Nav1.5 | *Homo sapiens* | NM\_198056.2 |
|  | *Mus musculus* | NM\_021544.4 |
|  | *Gallus gallus* | NM\_001318446.1 |
|  | *Anolis carolinensis* | XM\_016997604.1 |
|  | *Xenopus tropicalis* | XM\_018094761.1 |
| Nav1.6 | *Homo sapiens* | NM\_014191.3 |
|  | *Mus musculus* | NM\_001077499.2 |
|  | *Gallus gallus* | XM\_424477.4 |
|  | *Anolis carolinensis* | XM\_008103947.2 |
|  | *Thamnophis sirtalis* | BK008864.1 |
|  | *Nanorana parkeri* | XM\_018565420.1 |
|  | *Xenopus tropicalis* | NP\_001361657 |