|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| OTU | Species | GenBank | Identity | contigs |
| OTU\_1 | *Macrourus whitsoni* | JF265124 | 100% | 59283 |
| OTU\_2 | *Chionobathyscus dewitti* | HQ712909 | 100% | 38279 |
| OTU\_3 | *Macrourus whitsoni* | JF265125 | 100% | 6190 |
| OTU\_4 | *Muraenolepis sp.* | HQ713085 | 100% | 5662 |
| OTU\_5 | *Anotopterus pharaoh* | EU148072 | 99% | 4274 |
| OTU\_6 | *Chionobathyscus dewitti* | JN640824 | 99% | 2974 |
| OTU\_7 | *Lepidonotothen squamifrons* | EU326365 | 100% | 2965 |
| OTU\_8 | *Magnisudis prionosa* | JN640679 | 100% | 2100 |
| OTU\_9 | *Muusoctopus (Benthoctopus) levis* | EF016332 | 100% | 1933 |
| OTU\_10 | *Cirroctopus sp.* | GU073528 | 99% | 1025 |
| OTU\_11 | *Magnisudis prionosa* | JN640679 | 99% | 875 |
| OTU\_12 | *Chionobathyscus dewitti* | HQ712909 | 99% | 711 |
| OTU\_13 | *Chionobathyscus dewitti* | JN640815 | 100% | 474 |
| OTU\_14 | *Chionobathyscus dewitti* | HQ712909 | 99% | 451 |
| OTU\_15 | *Bathyraja maccaini* | EU119820 | 100% | 451 |
| OTU\_16 | *Lampris immaculatus* | DQ108066 | 100% | 353 |
| OTU\_17 | Unknown | KU557422 | 80% | 295 |
| OTU\_18 | *Macrourus whitsoni* | JF265124 | 99% | 286 |
| OTU\_19 | *Anotopterus pharaoh* | EU148072 | 99% | 261 |
| OTU\_20 | *Lepidonotothen squamifrons* | EU326368 | 99% | 122 |
| OTU\_21 | *Psychroteuthis sp. (glacialis)* | AY557544 | 100% | 86 |
| OTU\_22 | *Chionobathyscus dewitti* | HQ712909 | 99% | 71 |
| OTU\_23 | *Macrourus whitsoni* | JF265124 | 99% | 63 |
| OTU\_24 | *Macrourus whitsoni* | JF265124 | 99% | 62 |
| OTU\_25 | *Psychroteuthis sp. (glacialis)* | AY557544 | 99% | 57 |
| OTU\_26 | *Anotopterus pharaoh* | KF929603 | 99% | 56 |
| OTU\_27 | *Chionobathyscus dewitti* | JN640824 | 99% | 54 |
| OTU\_28 | *Chionobathyscus dewitti* | HQ712909 | 99% | 49 |
| OTU\_29 | *Chionobathyscus dewitti* | HQ712909 | 99% | 47 |
| OTU\_30 | *Chionobathyscus dewitti* | HQ712909 | 99% | 43 |
| OTU\_31 | *Chionobathyscus dewitti* | HQ712909 | 99% | 42 |
| OTU\_32 | *Magnisudis prionosa* | JN640679 | 99% | 41 |
| OTU\_33 | *Chionobathyscus dewitti* | HQ712909 | 99% | 33 |
| OTU\_34 | *Macrourus whitsoni* | JF265124 | 99% | 33 |
| OTU\_35 | *Macrourus whitsoni* | JF265125 | 99% | 33 |
| OTU\_36 | *Chionobathyscus dewitti* | HQ712909 | 99% | 32 |
| OTU\_37 | *Muraenolepis sp.* | HQ713085 | 99% | 32 |
| OTU\_38 | *Chionobathyscus dewitti* | HQ712909 | 99% | 30 |
| OTU\_39 | *Magnisudis prionosa* | JN640679 | 99% | 30 |
| OTU\_40 | *Chionobathyscus dewitti* | HQ712909 | 99% | 30 |
| OTU\_41 | *Chionobathyscus dewitti* | HQ712909 | 99% | 28 |
| OTU\_42 | *Chionobathyscus dewitti* | HQ712909 | 99% | 26 |
| OTU\_43 | *Chionobathyscus dewitti* | HQ712909 | 99% | 26 |
| OTU\_44 | *Macrourus whitsoni* | JF265124 | 99% | 26 |
| OTU\_45 | *Chionobathyscus dewitti* | HQ712909 | 99% | 25 |
| OTU\_46 | *Chionobathyscus dewitti* | HQ712909 | 99% | 25 |
| OTU\_47 | *Chionobathyscus dewitti* | HQ712909 | 99% | 23 |
| OTU\_48 | *Macrourus whitsoni* | JF265124 | 99% | 23 |
| OTU\_49 | *Bathyraja maccaini* | EU119820 | 99% | 22 |
| OTU\_50 | *Anotopterus pharao* | EU148072 | 99% | 22 |
| OTU\_51 | *Anotopterus pharao* | EU148072 | 99% | 22 |
| OTU\_52 | *Macrourus whitsoni* | JF265124 | 99% | 21 |
| OTU\_53 | *Chionobathyscus dewitti* | HQ712909 | 99% | 21 |
| OTU\_54 | *Bathyraja maccaini* | EU119820 | 99% | 20 |
| OTU\_55 | *Chionobathyscus dewitti* | HQ712909 | 99% | 20 |
| OTU\_56 | *Chionobathyscus dewitti* | HQ712909 | 99% | 20 |
| OTU\_57 | *Magnisudis prionosa* | JN640679 | 99% | 19 |
| OTU\_58 | *Macrourus whitsoni* | JF265124 | 99% | 19 |
| OTU\_59 | *Chionobathyscus dewitti* | HQ712909 | 99% | 19 |
| OTU\_60 | *Chionobathyscus dewitti* | HQ712909 | 99% | 19 |
| OTU\_61 | *Chionobathyscus dewitti* | HQ712909 | 99% | 19 |
| OTU\_62 | *Chionobathyscus dewitti* | HQ712909 | 100% | 19 |
| OTU\_63 | *Bathyraja maccaini* | EU119820 | 99% | 19 |
| OTU\_64 | *Lepidonotothen squamifrons* | EU326368 | 99% | 19 |
| OTU\_65 | *Chionobathyscus dewitti* | HQ712909 | 99% | 18 |
| OTU\_66 | *Chionobathyscus dewitti* | HQ712909 | 99% | 17 |
| OTU\_67 | *Macrourus whitsoni* | JF265125 | 99% | 17 |
| OTU\_68 | *Chionobathyscus dewitti* | HQ712909 | 99% | 16 |
| OTU\_69 | *Chionobathyscus dewitti* | HQ712909 | 99% | 16 |
| OTU\_70 | *Chionobathyscus dewitti* | HQ712909 | 99% | 16 |
| OTU\_71 | *Chionobathyscus dewitti* | HQ712909 | 99% | 15 |
| OTU\_72 | *Chionobathyscus dewitti* | HQ712909 | 99% | 15 |
| OTU\_73 | *Muusoctopus (Benthoctopus) levis* | EF016332 | 99% | 15 |
| OTU\_74 | *Chionobathyscus dewitti* | HQ712909 | 99% | 15 |
| OTU\_75 | *Macrourus whitsoni* | JF265125 | 99% | 15 |
| OTU\_76 | *Macrourus whitsoni* | JF265124 | 99% | 15 |
| OTU\_77 | *Lepidonotothen squamifrons* | EU326368 | 99% | 15 |
| OTU\_78 | *Macrourus whitsoni* | JF265124 | 99% | 14 |
| OTU\_79 | *Chionobathyscus dewitti* | HQ712909 | 99% | 14 |
| OTU\_80 | *Chionobathyscus dewitti* | HQ712909 | 99% | 14 |
| OTU\_81 | *Macrourus whitsoni* | JF265124 | 99% | 14 |
| OTU\_82 | *Macrourus whitsoni* | JF265124 | 99% | 14 |
| OTU\_83 | *Chionobathyscus dewitti* | HQ712909 | 99% | 14 |
| OTU\_84 | *Chionobathyscus dewitti* | HQ712909 | 99% | 14 |
| OTU\_85 | *Chionobathyscus dewitti* | HQ712909 | 99% | 13 |
| OTU\_86 | *Lepidonotothen squamifrons* | EU326368 | 99% | 13 |
| OTU\_87 | *Muraenolepis sp.* | HQ713085 | 99% | 13 |
| OTU\_88 | *Chionobathyscus dewitti* | HQ712909 | 99% | 13 |
| OTU\_89 | *Chionobathyscus dewitti* | HQ712909 | 99% | 13 |
| OTU\_90 | *Chionobathyscus dewitti* | HQ712909 | 99% | 13 |
| OTU\_91 | *Macrourus whitsoni* | JF265125 | 99% | 13 |
| OTU\_92 | *Chionobathyscus dewitti* | HQ712909 | 99% | 12 |
| OTU\_93 | *Macrourus whitsoni* | JF265124 | 99% | 12 |
| OTU\_94 | *Chionobathyscus dewitti* | JN640815 | 99% | 12 |
| OTU\_95 | *Chionobathyscus dewitti* | HQ712909 | 99% | 12 |
| OTU\_96 | *Macrourus whitsoni* | JF265124 | 99% | 12 |
| OTU\_97 | *Chionobathyscus dewitti* | HQ712909 | 99% | 12 |
| OTU\_98 | *Chionobathyscus dewitti* | JN640815 | 99% | 12 |
| OTU\_99 | *Lepidonotothen squamifrons* | EU326368 | 99% | 12 |
| OTU\_100 | *Chionobathyscus dewitti* | HQ712909 | 98% | 12 |
| OTU\_101 | *Chionobathyscus dewitti* | HQ712909 | 99% | 12 |
| OTU\_102 | *Chionobathyscus dewitti* | HQ712909 | 99% | 12 |
| OTU\_103 | *Macrourus whitsoni* | JF265124 | 100% | 12 |
| OTU\_104 | *Chionobathyscus dewitti* | HQ712909 | 99% | 12 |
| OTU\_105 | *Macrourus whitsoni* | JF265125 | 99% | 12 |
| OTU\_106 | *Macrourus whitsoni* | JF265125 | 99% | 12 |
| OTU\_107 | *Chionobathyscus dewitti* | HQ712909 | 99% | 11 |
| OTU\_108 | *Macrourus whitsoni* | JF265124 | 99% | 11 |
| OTU\_109 | *Chionobathyscus dewitti* | HQ712909 | 99% | 11 |
| OTU\_110 | *Chionobathyscus dewitti* | HQ712909 | 99% | 11 |
| OTU\_111 | *Chionobathyscus dewitti* | HQ712909 | 99% | 11 |
| OTU\_112 | *Magnisudis prionosa* | JN640679 | 99% | 11 |
| OTU\_113 | *Chionobathyscus dewitti* | HQ712909 | 99% | 11 |
| OTU\_114 | *Chionobathyscus dewitti* | HQ712909 | 99% | 11 |
| OTU\_115 | *Chionobathyscus dewitti* | HQ712909 | 99% | 11 |
| OTU\_116 | *Chionobathyscus dewitti* | HQ712909 | 99% | 10 |
| OTU\_117 | *Anotopterus pharao* | EU148072 | 99% | 10 |
| OTU\_118 | *Chionobathyscus dewitti* | HQ712909 | 99% | 10 |
| OTU\_119 | *Chionobathyscus dewitti* | HQ712909 | 99% | 10 |
| OTU\_120 | *Chionobathyscus dewitti* | JN640824 | 99% | 10 |
| OTU\_121 | *Lepidonotothen squamifrons* | EU326365 | 99% | 10 |
| OTU\_122 | *Macrourus whitsoni* | JF265124 | 99% | 10 |
| OTU\_123 | *Macrourus whitsoni* | JF265124 | 99% | 10 |
| OTU\_124 | *Macrourus whitsoni* | JF265124 | 99% | 10 |
| OTU\_125 | *Macrourus whitsoni* | JF265124 | 99% | 10 |
| OTU\_126 | *Muusoctopus (Benthoctopus) levis* | EF016332 | 99% | 10 |
| OTU\_127 | *Chionobathyscus dewitti* | HQ712909 | 99% | 10 |
| OTU\_128 | *Macrourus whitsoni* | JF265124 | 99% | 10 |
| OTU\_129 | *Chionobathyscus dewitti* | HQ712909 | 99% | 10 |
| OTU\_130 | *Lepidonotothen squamifrons* | EU326365 | 98% | 10 |