|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| OTU | Species | GenBank | Identity | contigs |
| OTU\_1 | *Macrourus whitsoni* | JF265125 | 100% | 50362 |
| OTU\_2 | *Macrourus whitsoni* | JF265124 | 100% | 8359 |
| OTU\_3 | *Chionobathyscus dewitti* | HQ712909 | 99% | 2861 |
| OTU\_4 | *Lycenchelys sp.* | JN641010 | 100% | 2709 |
| OTU\_5 | *Neopagetopsis ionah* | HQ713088 | 100% | 2020 |
| OTU\_6 | *Chionobathyscus dewitti* | JN640824 | 100% | 1794 |
| OTU\_7 | *Bathyraja maccaini* | EU119820 | 100% | 1291 |
| OTU\_8 | *Psychroteuthis sp. (glacialis)* | AY557544 | 100% | 1135 |
| OTU\_9 | *Trematomus lepidorhinus* | HQ713329 | 99% | 549 |
| OTU\_10 | *Pogonophryne sp.* | HQ713191 | 99% | 541 |
| OTU\_11 | *Trematomus lepidorhinus* | HQ713303 | 100% | 385 |
| OTU\_12 | *Pogonophryne scotti* | HQ713186 | 100% | 358 |
| OTU\_13 | *Macrourus whitsoni* | JF265125 | 99% | 352 |
| OTU\_14 | Unknown | KU558720 | 85% | 349 |
| OTU\_15 | *Cirroctopus sp.* | GU073528 | 100% | 267 |
| OTU\_16 | *Lycenchelys sp.* | JN641010 | 99% | 250 |
| OTU\_17 | *Muraenolepis sp.* | HQ713085 | 100% | 177 |
| OTU\_18 | *Macrourus whitsoni* | JF265125 | 99% | 152 |
| OTU\_19 | *Macrourus whitsoni* | JF265124 | 99% | 140 |
| OTU\_20 | *Cirroctopus sp.* | GU073525 | 99% | 136 |
| OTU\_21 | *Macrourus whitsoni* | JF265124 | 99% | 96 |
| OTU\_22 | *Cirroctopus sp.* | GU073525 | 99% | 67 |
| OTU\_23 | *Benthoctopus sp.* | GU073624 | 100% | 57 |
| OTU\_24 | *Macrourus whitsoni* | JF265125 | 99% | 56 |
| OTU\_25 | *Macrourus whitsoni* | JF265124 | 99% | 49 |
| OTU\_26 | *Chionobathyscus dewitti* | HQ712909 | 99% | 48 |
| OTU\_27 | *Macrourus whitsoni* | JF265125 | 99% | 48 |
| OTU\_28 | *Macrourus whitsoni* | JF265124 | 99% | 47 |
| OTU\_29 | *Macrourus whitsoni* | JF265125 | 99% | 46 |
| OTU\_30 | *Macrourus whitsoni* | JF265125 | 99% | 46 |
| OTU\_31 | *Pogonophryne sp.* | JN641104 | 99% | 38 |
| OTU\_32 | *Chionobathyscus dewitti* | HQ712909 | 99% | 35 |
| OTU\_33 | *Macrourus whitsoni* | JF265125 | 99% | 35 |
| OTU\_34 | *Macrourus whitsoni* | JF265125 | 99% | 34 |
| OTU\_35 | *Macrourus whitsoni* | JF265125 | 99% | 33 |
| OTU\_36 | *Macrourus whitsoni* | JF265124 | 99% | 33 |
| OTU\_37 | *Macrourus whitsoni* | JF265125 | 99% | 27 |
| OTU\_38 | *Pogonophryne sp.* | HQ713191 | 99% | 27 |
| OTU\_39 | *Macrourus whitsoni* | JF265125 | 99% | 26 |
| OTU\_40 | *Psychroteuthis sp. (glacialis)* | AY557544 | 99% | 25 |
| OTU\_41 | *Macrourus whitsoni* | JF265125 | 99% | 25 |
| OTU\_42 | *Macrourus whitsoni* | JF265125 | 99% | 24 |
| OTU\_43 | *Macrourus whitsoni* | JF265125 | 99% | 21 |
| OTU\_44 | *Pogonophryne scotti* | JN641123 | 100% | 21 |
| OTU\_45 | *Macrourus whitsoni* | JF265124 | 99% | 19 |
| OTU\_46 | *Chionobathyscus dewitti* | JN640815 | 99% | 19 |
| OTU\_47 | *Macrourus whitsoni* | JF265124 | 99% | 19 |
| OTU\_48 | *Macrourus whitsoni* | JF265125 | 99% | 18 |
| OTU\_49 | *Macrourus whitsoni* | JF265125 | 99% | 18 |
| OTU\_50 | *Macrourus whitsoni* | JF265125 | 99% | 18 |
| OTU\_51 | *Macrourus whitsoni* | JF265124 | 99% | 18 |
| OTU\_52 | *Chionobathyscus dewitti* | JN640824 | 99% | 18 |
| OTU\_53 | *Macrourus whitsoni* | JF265125 | 99% | 17 |
| OTU\_54 | *Macrourus whitsoni* | JF265124 | 99% | 17 |
| OTU\_55 | *Macrourus whitsoni* | JF265124 | 99% | 17 |
| OTU\_56 | *Graneledone antarctica* | AF377973 | 100% | 16 |
| OTU\_57 | *Trematomus lepidorhinus* | HQ713303 | 99% | 16 |
| OTU\_58 | *Macrourus whitsoni* | JF265125 | 99% | 16 |
| OTU\_59 | *Macrourus whitsoni* | JF265125 | 99% | 16 |
| OTU\_60 | *Macrourus whitsoni* | JF265125 | 99% | 15 |
| OTU\_61 | *Macrourus whitsoni* | JF265124 | 99% | 15 |
| OTU\_62 | *Macrourus whitsoni* | JF265125 | 99% | 15 |
| OTU\_63 | *Macrourus whitsoni* | JF265125 | 99% | 15 |
| OTU\_64 | *Macrourus whitsoni* | JF265125 | 99% | 15 |
| OTU\_65 | *Macrourus whitsoni* | JF265124 | 99% | 14 |
| OTU\_66 | *Macrourus whitsoni* | JF265124 | 99% | 14 |
| OTU\_67 | *Macrourus whitsoni* | JF265125 | 99% | 14 |
| OTU\_68 | *Macrourus whitsoni* | JF265124 | 99% | 14 |
| OTU\_69 | *Chionobathyscus dewitti* | JN640815 | 99% | 13 |
| OTU\_70 | *Macrourus whitsoni* | JF265124 | 99% | 13 |
| OTU\_71 | *Macrourus whitsoni* | JF265124 | 99% | 13 |
| OTU\_72 | *Macrourus whitsoni* | JF265125 | 99% | 13 |
| OTU\_73 | *Macrourus whitsoni* | JF265124 | 99% | 13 |
| OTU\_74 | *Macrourus whitsoni* | JF265124 | 99% | 13 |
| OTU\_75 | *Macrourus whitsoni* | JF265125 | 99% | 13 |
| OTU\_76 | *Macrourus whitsoni* | JF265125 | 99% | 13 |
| OTU\_77 | *Macrourus whitsoni* | JF265125 | 99% | 13 |
| OTU\_78 | *Macrourus whitsoni* | JF265125 | 99% | 12 |
| OTU\_79 | *Macrourus whitsoni* | JF265125 | 99% | 12 |
| OTU\_80 | *Macrourus whitsoni* | JF265124 | 99% | 12 |
| OTU\_81 | *Macrourus whitsoni* | JF265124 | 99% | 12 |
| OTU\_82 | *Lycenchelys sp.* | JN641010 | 99% | 12 |
| OTU\_83 | *Macrourus whitsoni* | JF265124 | 99% | 12 |
| OTU\_84 | *Macrourus whitsoni* | JF265124 | 99% | 12 |
| OTU\_85 | *Macrourus whitsoni* | JF265124 | 99% | 12 |
| OTU\_86 | *Macrourus whitsoni* | JF265125 | 99% | 11 |
| OTU\_87 | *Macrourus whitsoni* | JF265125 | 99% | 11 |
| OTU\_88 | *Macrourus whitsoni* | JF265125 | 99% | 11 |
| OTU\_89 | *Macrourus whitsoni* | JF265125 | 99% | 11 |
| OTU\_90 | *Neopagetopsis ionah* | HQ713088 | 99% | 10 |
| OTU\_91 | *Macrourus whitsoni* | JF265124 | 99% | 10 |
| OTU\_92 | *Chionobathyscus dewitti* | JN640824 | 99% | 10 |
| OTU\_93 | *Macrourus whitsoni* | JF265125 | 99% | 10 |
| OTU\_94 | *Macrourus whitsoni* | JF265125 | 99% | 10 |
| OTU\_95 | *Macrourus whitsoni* | JF265125 | 99% | 10 |
| OTU\_96 | *Macrourus whitsoni* | JF265124 | 99% | 10 |
| OTU\_97 | *Macrourus whitsoni* | JF265125 | 99% | 10 |
| OTU\_98 | *Macrourus whitsoni* | JF265124 | 99% | 10 |
| OTU\_99 | *Macrourus whitsoni* | JF265124 | 99% | 10 |
| OTU\_100 | *Macrourus whitsoni* | JF265125 | 99% | 10 |
| OTU\_101 | *Macrourus whitsoni* | JF265125 | 99% | 10 |
| OTU\_102 | *Macrourus whitsoni* | JF265125 | 99% | 10 |
| OTU\_103 | *Macrourus whitsoni* | JF265124 | 99% | 10 |
| OTU\_104 | *Macrourus whitsoni* | JF265125 | 99% | 10 |
| OTU\_105 | *Macrourus whitsoni* | JF265124 | 99% | 10 |