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| --- | --- | --- |
| Sequences evaluated by pairwise distances | Identification by BLAST (GenBank) |  |
| GB acession number | OTU | Size (nt) | GB acession number | Identity | Coverage | Identification | Putative New Taxon (pNTX)  |
| MG321471 | 4YP04IW882\_SP3 | 333 | KY979412  | 100 | 100 | Uncultured *Glomus* sp.  | *Glomus* sp. E |
| MG321524 | 4YP04I95Y7\_SS1 | 443 | HF559361 | 99 | 100 | Uncultured *Glomus* sp. | *Glomus* sp. E |
| MG321529 | 4YP04JH5JL\_SS1 | 540 | HF559296 | 98 | 99 | Uncultured *Glomus* sp.  | *Glomus* sp. D |
| MG321550 | 4YP04ITHCZ\_SCS1 | 444 | FJ913030 | 97 | 100 | Uncultured *Glomus* sp.  | *Glomus* sp. D |
| MG321548 | 4YP04IZF3K\_SCS1 | 329 | KP227248 | 97 | 100 | Uncultured Glomeromycota sp.  | Glomeromycota sp. F |
| MG321541 | 4YP04INGAM\_SCS1 | 327 | AM909675 | 97 | 100 | Uncultured Glomeromycota sp.  | Glomeromycota sp. F |
| MG321451 | 4YP04I0PYT\_SP2 | 465 | AM909675 | 97 | 100 | Uncultured *Glomus* sp.  | *Glomus* sp. H |
| MG321540 | 4YP04JU5CY\_SCS1 | 434 | FJ913030 | 97 | 91 | Uncultured *Glomus* sp.  | *Glomus* sp. J |
| MG321457 | 4YP04I2XZV\_SP2 | 318 | JQ350769  | 97 | 100 | Uncultured Fungus sp.  | Glomeromycota sp. K |
| MG321502 | 4YP04IU4ZQ\_SP3 | 316 | FM876881 | 97 | 100 | Uncultured *Glomus* sp.  | *Glomus* sp. N |
| MG321472 | 4YP04I4LEN\_SP3 | 359 | KY979470 | 96 | 98 | Uncultured *Diversispora* sp.  | Glomeromycota sp. A |
| MG321527 | 4YP04JG937\_SS1 | 437 | HF559361 | 96 | 100 | Uncultured *Glomus* sp.  | *Glomus* sp. B |
| MG321526 | 4YP04JJQDS\_SS1 | 382 | KP227071 | 96 | 99 | Uncultured Glomeromycota sp.  | Glomeromycota sp. F |
| MG321539 | 4YP04JV0Q3\_SCS1 | 328 | KP227110 | 96 | 100 | Uncultured Glomeromycota sp.  | Glomeromycota sp. F |
| MG321447 | 4YP04JCB34\_SP2 | 442 | AM909675 | 96 | 100 | Uncultured *Glomus* sp. | *Glomus* sp. I |
| MG321556 | 4YP04IVIMW\_SCS3 | 330 | MG835549 | 96 | 100 | Uncultured *Glomus* sp.  | *Glomus* sp. M |
| MG321425 | 4YP04IHMFP\_SP1 | 536 | FN429383 | 96 | 100 | Uncultured *Glomus* sp. | *Glomus* sp. P |
| MG321534 | 4YP04IL4N8\_SS1 | 330 | AM909675 | 95 | 100 | Uncultured *Glomus* sp.  | *Glomus* sp. B |
| MG321432 | 4YP04IEEE0\_SP1 | 465 | KF049916 | 95 | 100 | Uncultured Glomeromycota sp. | Glomeromycota sp. C |
| MG321459 | 4YP04I3GDA\_SP2 | 462 | KP227251 | 95 | 99 | Uncultured Glomeromycota sp.  | Glomeromycota sp. C |
| MG321544 | 4YP04IKJQV\_SCS1 | 544 | KF186423 | 95 | 99 | Uncultured Glomeromycota sp.  | Glomeromycota sp. C |
| MG321533 | 4YP04I2LPU\_SS1 | 469 | HF559361 | 95 | 100 | Uncultured Glomus sp.  | *Glomus* sp. G |
| MG321473 | 4YP04I0HTO\_SP3 | 462 | GU353707  | 95 | 100 | Uncultured Glomus sp.  | *Glomus* sp. O |
| MG321528 | 4YP04H9ZQ1\_SS1 | 328 | AM909675 | 94 | 100 | Uncultured Glomus sp.  | *Glomus* sp. L |
| MG321486 | 4YP04IIHZP\_SP3 | 467 | JN009497 | 93 | 100 | Uncultured Glomeromycota sp. | Glomeromycota sp. A |