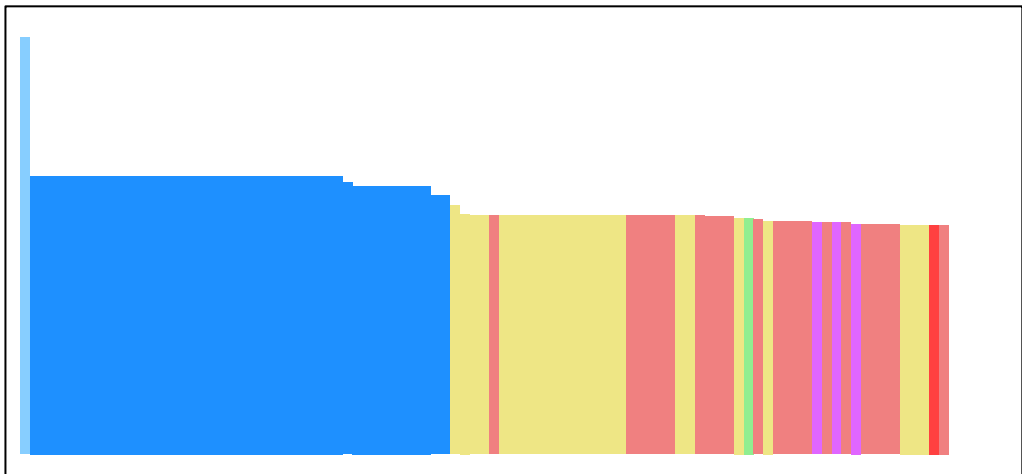


99.54



|               | bin_uri      | orig_tax                   | country      | Order   | Family       | Subfamily       | Genus            | Species                    | similarity |
|---------------|--------------|----------------------------|--------------|---------|--------------|-----------------|------------------|----------------------------|------------|
| GBMIX470-14   | BOLD:ACR1208 | Diptera                    | Germany      | Diptera | Chironomidae | Orthoclaadiinae | Epoicocladius    | Epoicocladius ephemerae    | 99.54      |
| GMSAF175-13   | BOLD:ACK4896 | Diptera                    | South Africa | Diptera | Chironomidae |                 |                  |                            | 93.06      |
| GMSAG116-13   | BOLD:ACK4896 | Diptera                    | South Africa | Diptera | Chironomidae |                 |                  |                            | 93.06      |
| GMSAP062-13   | BOLD:ACK4896 | Diptera                    | South Africa | Diptera | Chironomidae |                 |                  |                            | 93.06      |
| GMSAP067-13   | BOLD:ACK4896 | Diptera                    | South Africa | Diptera | Chironomidae |                 |                  |                            | 93.06      |
| GMSAP091-13   | BOLD:ACK4896 | Diptera                    | South Africa | Diptera | Chironomidae |                 |                  |                            | 93.06      |
| GMSAP095-13   | BOLD:ACK4896 | Diptera                    | South Africa | Diptera | Chironomidae |                 |                  |                            | 93.06      |
| GMSAP114-13   | BOLD:ACK4896 | Diptera                    | South Africa | Diptera | Chironomidae |                 |                  |                            | 93.06      |
| GMSAP184-13   | BOLD:ACK4896 | Diptera                    | South Africa | Diptera | Chironomidae |                 |                  |                            | 93.06      |
| GMSAP190-13   | BOLD:ACK4896 | Diptera                    | South Africa | Diptera | Chironomidae |                 |                  |                            | 93.06      |
| GMSAP204-13   | BOLD:ACK4896 | Diptera                    | South Africa | Diptera | Chironomidae |                 |                  |                            | 93.06      |
| GMSAP208-13   | BOLD:ACK4896 | Diptera                    | South Africa | Diptera | Chironomidae |                 |                  |                            | 93.06      |
| GMSAP218-13   | BOLD:ACK4896 | Diptera                    | South Africa | Diptera | Chironomidae |                 |                  |                            | 93.06      |
| GMSAP270-13   | BOLD:ACK4896 | Diptera                    | South Africa | Diptera | Chironomidae |                 |                  |                            | 93.06      |
| GMSAP292-13   | BOLD:ACK4896 | Diptera                    | South Africa | Diptera | Chironomidae |                 |                  |                            | 93.06      |
| GMSAP293-13   | BOLD:ACK4896 | Diptera                    | South Africa | Diptera | Chironomidae |                 |                  |                            | 93.06      |
| GMSAP363-13   | BOLD:ACK4896 | Diptera                    | South Africa | Diptera | Chironomidae |                 |                  |                            | 93.06      |
| GMSAP367-13   | BOLD:ACK4896 | Diptera                    | South Africa | Diptera | Chironomidae |                 |                  |                            | 93.06      |
| GMSAP461-13   | BOLD:ACK4896 | Diptera                    | South Africa | Diptera | Chironomidae |                 |                  |                            | 93.06      |
| GMSAP483-13   | BOLD:ACK4896 | Diptera                    | South Africa | Diptera | Chironomidae |                 |                  |                            | 93.06      |
| GMSAQ204-13   | BOLD:ACK4896 | Diptera                    | South Africa | Diptera | Chironomidae |                 |                  |                            | 93.06      |
| GMSAQ419-13   | BOLD:ACK4896 | Diptera                    | South Africa | Diptera | Chironomidae |                 |                  |                            | 93.06      |
| GMSAR257-13   | BOLD:ACK4896 | Diptera                    | South Africa | Diptera | Chironomidae |                 |                  |                            | 93.06      |
| GMSAS227-13   | BOLD:ACK4896 | Diptera                    | South Africa | Diptera | Chironomidae |                 |                  |                            | 93.06      |
| GMSAS351-13   | BOLD:ACK4896 | Diptera                    | South Africa | Diptera | Chironomidae |                 |                  |                            | 93.06      |
| GMSAS949-13   | BOLD:ACK4896 | Diptera                    | South Africa | Diptera | Chironomidae |                 |                  |                            | 93.06      |
| GMSAT176-13   | BOLD:ACK4896 | Diptera                    | South Africa | Diptera | Chironomidae |                 |                  |                            | 93.06      |
| GMSAT524-13   | BOLD:ACK4896 | Diptera                    | South Africa | Diptera | Chironomidae |                 |                  |                            | 93.06      |
| GMSAT710-13   | BOLD:ACK4896 | Diptera                    | South Africa | Diptera | Chironomidae |                 |                  |                            | 93.06      |
| GMSAT869-13   | BOLD:ACK4896 | Diptera                    | South Africa | Diptera | Chironomidae |                 |                  |                            | 93.06      |
| GMSAV1440-13  | BOLD:ACK4896 | Diptera                    | South Africa | Diptera | Chironomidae |                 |                  |                            | 93.06      |
| GMSAV194-13   | BOLD:ACK4896 | Diptera                    | South Africa | Diptera | Chironomidae |                 |                  |                            | 93.06      |
| GMSAW520-14   | BOLD:ACK4896 | Diptera                    | South Africa | Diptera | Chironomidae |                 |                  |                            | 93.06      |
| GMSAT237-13   | BOLD:ACK4896 | Diptera                    | South Africa | Diptera | Chironomidae |                 |                  |                            | 92.75      |
| GMSAP056-13   | BOLD:ACK4896 | Diptera                    | South Africa | Diptera | Chironomidae |                 |                  |                            | 92.59      |
| GMSAP100-13   | BOLD:ACK4896 | Diptera                    | South Africa | Diptera | Chironomidae |                 |                  |                            | 92.59      |
| GMSAP117-13   | BOLD:ACK4896 | Diptera                    | South Africa | Diptera | Chironomidae |                 |                  |                            | 92.59      |
| GMSAP253-13   | BOLD:ACK4896 | Diptera                    | South Africa | Diptera | Chironomidae |                 |                  |                            | 92.59      |
| GMSAP357-13   | BOLD:ACK4896 | Diptera                    | South Africa | Diptera | Chironomidae |                 |                  |                            | 92.59      |
| GMSAP427-13   | BOLD:ACK4896 | Diptera                    | South Africa | Diptera | Chironomidae |                 |                  |                            | 92.59      |
| GMSAP481-13   | BOLD:ACK4896 | Diptera                    | South Africa | Diptera | Chironomidae |                 |                  |                            | 92.59      |
| GMSAQ394-13   | BOLD:ACK4896 | Diptera                    | South Africa | Diptera | Chironomidae |                 |                  |                            | 92.59      |
| GMSAP188-13   | BOLD:ACK4896 | Diptera                    | South Africa | Diptera | Chironomidae |                 |                  |                            | 92.13      |
| GMSAP351-13   | BOLD:ACK4896 | Diptera                    | South Africa | Diptera | Chironomidae |                 |                  |                            | 92.13      |
| GMGNE251-14   | BOLD:AAD4703 | Psectrocladius             | Greenland    | Diptera | Chironomidae | Orthoclaadiinae | Psectrocladius   | Psectrocladius limbatellus | 91.67      |
| GMGLC529-13   | BOLD:AAD4703 | Psectrocladius             | Greenland    | Diptera | Chironomidae | Orthoclaadiinae | Psectrocladius   | Psectrocladius limbatellus | 91.28      |
| CNAUA627-14   | BOLD:AAD4703 | Psectrocladius limbatellus | Canada       | Diptera | Chironomidae | Orthoclaadiinae | Psectrocladius   | Psectrocladius limbatellus | 91.2       |
| CNAUB1433-14  | BOLD:AAD4703 | Psectrocladius limbatellus | Canada       | Diptera | Chironomidae | Orthoclaadiinae | Psectrocladius   | Psectrocladius limbatellus | 91.2       |
| CNNHG194-14   | BOLD:AAC4197 | Paraphaenocladus impensus  | Canada       | Diptera | Chironomidae | Orthoclaadiinae | Paraphaenocladus | Paraphaenocladus impensus  | 91.2       |
| CNSRA217-14   | BOLD:AAD4703 | Psectrocladius limbatellus | Canada       | Diptera | Chironomidae | Orthoclaadiinae | Psectrocladius   | Psectrocladius limbatellus | 91.2       |
| CNSRA250-14   | BOLD:AAD4703 | Psectrocladius limbatellus | Canada       | Diptera | Chironomidae | Orthoclaadiinae | Psectrocladius   | Psectrocladius limbatellus | 91.2       |
| CNSRA263-14   | BOLD:AAD4703 | Psectrocladius limbatellus | Canada       | Diptera | Chironomidae | Orthoclaadiinae | Psectrocladius   | Psectrocladius limbatellus | 91.2       |
| CNSRA352-14   | BOLD:AAD4703 | Psectrocladius limbatellus | Canada       | Diptera | Chironomidae | Orthoclaadiinae | Psectrocladius   | Psectrocladius limbatellus | 91.2       |
| CNSRA354-14   | BOLD:AAD4703 | Psectrocladius limbatellus | Canada       | Diptera | Chironomidae | Orthoclaadiinae | Psectrocladius   | Psectrocladius limbatellus | 91.2       |
| CNSRA377-14   | BOLD:AAD4703 | Psectrocladius limbatellus | Canada       | Diptera | Chironomidae | Orthoclaadiinae | Psectrocladius   | Psectrocladius limbatellus | 91.2       |
| CNSRA413-14   | BOLD:AAD4703 | Psectrocladius limbatellus | Canada       | Diptera | Chironomidae | Orthoclaadiinae | Psectrocladius   | Psectrocladius limbatellus | 91.2       |
| CNSRA472-14   | BOLD:AAD4703 | Psectrocladius limbatellus | Canada       | Diptera | Chironomidae | Orthoclaadiinae | Psectrocladius   | Psectrocladius limbatellus | 91.2       |
| CNSRA558-14   | BOLD:AAD4703 | Psectrocladius limbatellus | Canada       | Diptera | Chironomidae | Orthoclaadiinae | Psectrocladius   | Psectrocladius limbatellus | 91.2       |
| CNSRA644-14   | BOLD:AAD4703 | Psectrocladius limbatellus | Canada       | Diptera | Chironomidae | Orthoclaadiinae | Psectrocladius   | Psectrocladius limbatellus | 91.2       |
| CNSRA671-14   | BOLD:AAD4703 | Psectrocladius limbatellus | Canada       | Diptera | Chironomidae | Orthoclaadiinae | Psectrocladius   | Psectrocladius limbatellus | 91.2       |
| CNSRA722-14   | BOLD:AAD4703 | Psectrocladius limbatellus | Canada       | Diptera | Chironomidae | Orthoclaadiinae | Psectrocladius   | Psectrocladius limbatellus | 91.2       |
| CNSRA950-14   | BOLD:AAD4703 | Psectrocladius limbatellus | Canada       | Diptera | Chironomidae | Orthoclaadiinae | Psectrocladius   | Psectrocladius limbatellus | 91.2       |
| CNYOA305-15   | BOLD:AAC4197 | Paraphaenocladus impensus  | Canada       | Diptera | Chironomidae | Orthoclaadiinae | Paraphaenocladus | Paraphaenocladus impensus  | 91.2       |
| CNYOA351-15   | BOLD:AAC4197 | Paraphaenocladus impensus  | Canada       | Diptera | Chironomidae | Orthoclaadiinae | Paraphaenocladus | Paraphaenocladus impensus  | 91.2       |
| CNYOI463-15   | BOLD:AAC4197 | Paraphaenocladus impensus  | Canada       | Diptera | Chironomidae | Orthoclaadiinae | Paraphaenocladus | Paraphaenocladus impensus  | 91.2       |
| CNYOK1523-15  | BOLD:AAC4197 | Diptera                    | Canada       | Diptera | Chironomidae | Orthoclaadiinae | Paraphaenocladus | Paraphaenocladus impensus  | 91.2       |
| CNYOL194-15   | BOLD:AAC4197 | Paraphaenocladus impensus  | Canada       | Diptera | Chironomidae | Orthoclaadiinae | Paraphaenocladus | Paraphaenocladus impensus  | 91.2       |
| GMGLN241-13   | BOLD:AAD4703 | Psectrocladius             | Greenland    | Diptera | Chironomidae | Orthoclaadiinae | Psectrocladius   | Psectrocladius limbatellus | 91.2       |
| GMGLQ014-13   | BOLD:AAD4703 | Psectrocladius             | Greenland    | Diptera | Chironomidae | Orthoclaadiinae | Psectrocladius   | Psectrocladius limbatellus | 91.2       |
| SMTPI8545-14  | BOLD:AAC4197 | Paraphaenocladus impensus  | Canada       | Diptera | Chironomidae | Orthoclaadiinae | Paraphaenocladus | Paraphaenocladus impensus  | 91.2       |
| NGNAK198-13   | BOLD:AAC4197 | Paraphaenocladus impensus  | Canada       | Diptera | Chironomidae | Orthoclaadiinae | Paraphaenocladus | Paraphaenocladus impensus  | 91.15      |
| SMTPB7690-13  | BOLD:AAC4197 | Paraphaenocladus impensus  | Canada       | Diptera | Chironomidae | Orthoclaadiinae | Paraphaenocladus | Paraphaenocladus impensus  | 91.15      |
| SMTPD3316-13  | BOLD:AAC4197 | Paraphaenocladus impensus  | Canada       | Diptera | Chironomidae | Orthoclaadiinae | Paraphaenocladus | Paraphaenocladus impensus  | 91.15      |
| CNSRA337-14   | BOLD:AAD4703 | Psectrocladius limbatellus | Canada       | Diptera | Chironomidae | Orthoclaadiinae | Psectrocladius   | Psectrocladius limbatellus | 91.08      |
| CNGSC2474-15  | BOLD:AAU6327 | Diptera                    | Canada       | Diptera | Chironomidae | Orthoclaadiinae | Psectrocladius   | Psectrocladius schlienzi   | 91.07      |
| CNTIJ408-15   | BOLD:AAC4197 | Diptera                    | Canada       | Diptera | Chironomidae | Orthoclaadiinae | Paraphaenocladus | Paraphaenocladus impensus  | 91         |
| GMGLL009-13   | BOLD:AAD4703 | Psectrocladius             | Greenland    | Diptera | Chironomidae | Orthoclaadiinae | Psectrocladius   | Psectrocladius limbatellus | 90.95      |
| CNGSH1050-15  | BOLD:AAC4197 | Diptera                    | Canada       | Diptera | Chironomidae | Orthoclaadiinae | Paraphaenocladus | Paraphaenocladus impensus  | 90.91      |
| CNTIG1184-15  | BOLD:AAC4197 | Diptera                    | Canada       | Diptera | Chironomidae | Orthoclaadiinae | Paraphaenocladus | Paraphaenocladus impensus  | 90.91      |
| NGNAC1538-13  | BOLD:AAC4197 | Paraphaenocladus impensus  | Canada       | Diptera | Chironomidae | Orthoclaadiinae | Paraphaenocladus | Paraphaenocladus impensus  | 90.91      |
| SMTPD5577-13  | BOLD:AAC4197 | Paraphaenocladus impensus  | Canada       | Diptera | Chironomidae | Orthoclaadiinae | Paraphaenocladus | Paraphaenocladus impensus  | 90.91      |
| CNWLO507-13   |              | Paraphaenocladus impensus  | Canada       |         |              |                 |                  |                            | 90.86      |
| NGNAO1340-14  | BOLD:AAC4197 | Paraphaenocladus impensus  | Canada       | Diptera | Chironomidae | Orthoclaadiinae | Paraphaenocladus | Paraphaenocladus impensus  | 90.86      |
| SMTPB7190-13  |              | Paraphaenocladus impensus  | Canada       |         |              |                 |                  |                            | 90.86      |
| SMTPD5309-13  | BOLD:AAC4197 | Paraphaenocladus impensus  | Canada       | Diptera | Chironomidae | Orthoclaadiinae | Paraphaenocladus | Paraphaenocladus impensus  | 90.86      |
| GMGLA064-13   |              | Diamesa                    | Greenland    |         |              |                 |                  |                            | 90.8       |
| NGNAQ302-14   | BOLD:AAC4197 | Paraphaenocladus impensus  | Canada       | Diptera | Chironomidae | Orthoclaadiinae | Paraphaenocladus | Paraphaenocladus impensus  | 90.77      |
| NGNAX1454-14  | BOLD:AAC4197 | Paraphaenocladus impensus  | Canada       | Diptera | Chironomidae | Orthoclaadiinae | Paraphaenocladus | Paraphaenocladus impensus  | 90.77      |
| SMTPB16320-13 | BOLD:AAC4197 | Paraphaenocladus impensus  | Canada       | Diptera | Chironomidae | Orthoclaadiinae | Paraphaenocladus | Paraphaenocladus impensus  | 90.77      |
| SMTPF3905-14  | BOLD:AAC4197 | Paraphaenocladus impensus  | Canada       | Diptera | Chironomidae | Orthoclaadiinae | Paraphaenocladus | Paraphaenocladus impensus  | 90.77      |
| ARCHR029-11   | BOLD:AAD4703 | Diptera                    | Greenland    | Diptera | Chironomidae | Orthoclaadiinae | Psectrocladius   | Psectrocladius limbatellus | 90.74      |
| ARCHR037-11   | BOLD:AAD4703 | Diptera                    | Greenland    | Diptera | Chironomidae | Orthoclaadiinae | Psectrocladius   | Psectrocladius limbatellus | 90.74      |
| CHRSV785-13   | BOLD:AAD4703 | Diptera                    | Norway       | Diptera | Chironomidae | Orthoclaadiinae | Psectrocladius   | Psectrocladius limbatellus | 90.74      |
| INNVO30-08    | BOLD:ABZ1358 | Psectrocladius             | Canada       | Diptera | Chironomidae | Orthoclaadiinae | Psectrocladius   |                            | 90.74      |
| NCCA1607-11   | BOLD:AAC4197 | Paraphaenocladus impensus  | Canada       | Diptera | Chironomidae | Orthoclaadiinae | Paraphaenocladus | Paraphaenocladus impensus  | 90.74      |