**Table S1. Metadata for study samples present in the Integrated Microbial Genomes/Metagenomes** **database.**

|  |  |  |  |
| --- | --- | --- | --- |
| **Sample ID** | **Tree Species** | **Genome ID** | **CDS Count** |
| CNK03 | Oak | 3300028293 | 603169 |
| CNK10 | Oak | 3300024182 | 535173 |
| CNK16 | Oak | 3300028072 | 442987 |
| CNK21 | Oak | 3300024246 | 418273 |
| CNK27 | Oak | 3300024177 | 346560 |
| CNK34 | Oak | 3300024181 | 459663 |
| CNK05 | Chestnut | 3300024232 | 909544 |
| CNK11 | Chestnut | 3300024283 | 584956 |
| CNK17 | Chestnut | 3300024249 | 490680 |
| CNK23 | Chestnut | 3300028146 | 603574 |
| CNK29 | Chestnut | 3300024186 | 577988 |
| CNK32 | Chestnut | 3300024222 | 409876 |
| CNK06 | Cherry | 3300024219 | 440623 |
| CNK12 | Cherry | 3300024284 | 592869 |
| CNK18 | Cherry | 3300024245 | 426698 |
| CNK24 | Cherry | 3300027991 | 254067 |
| CNK30 | Cherry | 3300028281 | 387696 |
| CNK31 | Cherry | 3300024287 | 318185 |