**Supplementary Table 4.** Number of gene models with evidence for HGT associated to taxonomy categories from the NCBI RefSeq database.

|  |  |  |  |
| --- | --- | --- | --- |
| **NCBI taxonomy** | *B. meristosporus* CBS 931.73 | *B.meristosporus* B9252 | *B. heterosporus* B8290 |
| a-proteobacteria | 49 | 27 | 18 |
| b-proteobacteria | 39 | 29 | 15 |
| d-proteobacteria | 55 | 32 | 15 |
| e-proteobacteria | 6 | NA | NA |
| g-proteobacteria | 81 | 46 | 20 |
| proteobacteria | 2 | 1 | 1 |
| firmicutes | 112 | 68 | 35 |
| actinobacteria | 2 | 1 | NA |
| high GC Gram+ | 125 | 52 | 25 |
| enterobacteria | 13 | 10 | 1 |
| planctomycetes | 17 | 6 | 2 |
| CFB group bacteria | 79 | 56 | 24 |
| bacteriodetes | 91 | 27 | 9 |
| verrucomicrobia | 10 | 7 | 5 |
| fusobacteria | NA | NA | 1 |
| cyanobacteria | 89 | 44 | 31 |
| chlamydias | NA | NA | 1 |
| mycoplasmas | 1 | NA | 1 |
| aquificales | 1 | NA | 1 |
| bacteria | 27 | 15 | 3 |
| euryarchaeotes | 6 | 4 | 3 |
| archaea | 1 | 1 | 1 |
| **Total** | **806** | **426** | **212** |