Table S3. Pairwise amino acid identity among all isolates and strains for AM202.

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **AM202** |  6DE |  Dawn |  C51 |  C52 |  EMΦ |  N3518 |  N3571 |  PR |  VA |  StM | AMF149 | ACIS 01081 |
|  6DE | **100.0** |  |  |  |  |  |  |  |  |  |  |  |
|  Dawn | 100.0 | **100.0** |  |  |  |  |  |  |  |  |  |  |
|  C51 | 100.0 | 100.0 | **100.0** |  |  |  |  |  |  |  |  |  |
|  C52 | 100.0 | 100.0 | 100.0 | **100.0** |  |  |  |  |  |  |  |  |
|  EMΦ | 100.0 | 100.0 | 100.0 | 100.0 | **100.0** |  |  |  |  |  |  |  |
|  N3518 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | **100.0** |  |  |  |  |  |  |
|  N3571 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | **100.0** |  |  |  |  |  |
|  PR | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | **100.0** |  |  |  |  |
|  VA | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | **100.0** |  |  |  |
|  StM | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | **100.0** |  |  |
| AMF149a | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | **100.0** |  |
| ACIS 01081b | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | **100.0** |

a. AMF149 is the homolog to AM202 in the Florida strain.

b. ACIS 01081 is the ortholog of AM202 in *A. marginale* ss. *centrale*.