Table S6. Pairwise amino acid identity among all isolates and strains for AM936.

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **AM936** | 6DE | Dawn | C51 | C52 | EMΦ | N3518 | N4506 | PR | VA | StM | AMF 717 | ACIS 00403 |
| 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** |  |  |  |  |  |  |
| N4506 | 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** |  |  |
| AMF717a | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | **100.0** |  |
| ACIS 00403b | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | **100.0** |

a. AMF717 is the homolog to AM936 in the Florida strain.

b. ACIS 00403 is the ortholog of AM936 in *A. marginale* ss. *centrale*.