**Table S3** *Acmispon* hosts and inoculation treatments

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Population Sources** | **Inoculation Strains** | **Full host line name**  **(*nickname*)** | ***nrITS* Accession** | ***CNGC5* Accession** |
| Bodega Marine Reserve (BMR) | 132-136 | AcS074.BMR.u01.g2.r01\_03 (*BMR01.03*) | MH201354 | MH223487 |
| AcS004.BMR.u01.g2.r01\_03 (*BMR07.03*) | KX449155 | KX449166 |
| Griffith Park (GRI) | 137-141 | AcS075.Gri.u01.g1.r01 (*Gri01.01*) | MH220053 | MH223490 |
| AcS075.Gri.u01.g1.r13 (*Gri01.13*) | MH220054 | MH223491 |
| Robert J. Bernard Biological Field Station (CLA) | 142-146 | AcS047.Cla.m01.g2.r07\_01 (*Cla10.01*) | KX449157 | KX449168 |
| AcS049.Cla.m01.g1.r04 (*Cla01.04*) | MH201356 | MH223488 |
| University of California Riverside (UCR) | 147-152 | AcS027.UCR.u01.g1.r10 (*UCR02.07*) | MH201360 | MH223492 |
| AcS131.UCR.u01.g1.r05 (*UCR09.05*) | MH201361 | MH223493 |
| Burns Piñon Ridge Reserve (YUC) | 153-156 | AcS052.Yuc.m01.g2.r01\_07 (*Yuc02.07*) | KX449161 | KX449172 |
| AcS052.Yuc.m01.g2.r01\_01 (*Yuc02.01*) | KX449161 | KX449172 |
| Anza Borrego Desert State Park (ANZ) | 157-161 | AcS040.Anz.m01.g2.r06\_01 (*Anz11.01*) | KX449153 | KX449164 |
| AcS039.Anz.m01.g2.r03\_01 (*Anz10.01*) | MH201351 | MH223485 |
| Multiple (Universal treatment) | 132-161 | AcS047.Cla.m01.g2.r09\_04 (*Cla12.04*) | MH201358 | MH223489 |
| AcS038.Anz.m01.g1.r11 (*Anz13.04*) | MH201353 | MH223486 |
| *A. heermannii* outbred seeds | none | none |