**Supplementary Table 1:** Sequences used in phylogeny.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sample ID | Location | Crop sampled from | GenBank Accession Number | BLAST Hit |
| Adeiso\_1\_1 | Adeiso | *S. aethiopicum* | OR058944 | *L. africensis*: KM987391.1 |
| Adeiso\_1\_2 | Adeiso | *S. aethiopicum* | OR058946 | *L. africensis*: KM987391.1 |
| Adeiso\_1\_3 | Adeiso | *S. aethiopicum* | OR058948 | *L. africensis*: KM987391.1 |
| Adeiso\_1\_4 | Adeiso | *S. aethiopicum* | OR058950 | *L. africensis*: KM987391.1 |
| Adeiso\_1\_6 | Adeiso | *S. aethiopicum* | OR058952 | *L. africensis*: KM987391.1 |
| Adeiso\_1\_7 | Adeiso | *S. aethiopicum* | OR058942 | *L. africensis*: KM987391.1 |
| Adeiso\_1\_8 | Adeiso | *S. aethiopicum* | OR058943 | *L. africensis*: KM987391.1 |
| Adeiso\_1\_9 | Adeiso | *S. aethiopicum* | OR058954 | *L. africensis*: KM987391.1 |
| Adeiso\_2\_1 | Adeiso | *S. melongena* | OR058941 | *L. africensis*: KM987391.1 |
| Adeiso\_2\_2 | Adeiso | *S. melongena* | OR058945 | *L. africensis*: KM987391.1 |
| Adeiso\_2\_3 | Adeiso | *S. melongena* | OR058947 | *L. africensis*: KM987391.1 |
| Adeiso\_2\_4 | Adeiso | *S. melongena* | OR058949 | *L. africensis*: KM987391.1 |
| Adeiso\_2\_5 | Adeiso | *S. melongena* | OR058951 | *L. africensis*: KM987391.1 |
| Adeiso\_2\_6 | Adeiso | *S. melongena* | OR058953 | *L. africensis*: KM987391.1 |
| Adeiso\_2\_7 | Adeiso | *S. melongena* | OR058955 | *L. africensis*: KM987391.1 |
| Asuboi\_1 | Asuboi | *S. aethiopicum* | OR062317 | *L. africensis*: KM987391.1 |
| Asuboi\_2 | Asuboi | *S. aethiopicum* | OR062316 | *L. africensis*: KM987391.1 |
| Asuboi\_3 | Asuboi | *S. aethiopicum* |  OR062313 | *L. africensis*: KM987391.1 |
| Asuboi\_4 | Asuboi | *S. aethiopicum* | OR062312 | *L. africensis*: KM987391.1 |
| Asuboi\_6 | Asuboi | *S. aethiopicum* | OR062315 | *L. africensis*: KM987391.1 |
| Asuboi\_8 | Asuboi | *S. aethiopicum* | OR062314 | *L. africensis*: KM987391.1 |
| Azagonorkope\_1 | Azagonorkope | *S. aethiopicum* | OR062327 | *L. africensis*: KM987391.1 |
| Azagonorkope\_2 | Azagonorkope | *S. aethiopicum* | OR062328 | *L. africensis*: KM987391.1 |
| Azagonorkope\_3 | Azagonorkope | *S. aethiopicum* | OR062329 | *L. africensis*: KM987391.1 |
| Azagonorkope\_4 | Azagonorkope | *S. aethiopicum* | OR062330 | *L. africensis*: KM987391.1 |
| Azagonorkope\_5 | Azagonorkope | *S. aethiopicum* | OR062331 | *L. africensis*: KM987391.1 |
| Azagonorkope\_6 | Azagonorkope | *S. aethiopicum* | OR062324 | *L. africensis*: KM987391.1 |
| Azagonorkope\_7 | Azagonorkope | *S. aethiopicum* | OR062325 | *L. africensis*: KM987391.1 |
| Azagonorkope\_8 | Azagonorkope | *S. aethiopicum* | OR062326 | *L. africensis*: KM987391.1 |
| Begoro\_1\_1 | Begoro | *S. aethiopicum* | OR060667 | *L. africensis*: KM987391.1 |
| Begoro\_1\_2 | Begoro | *S. aethiopicum* | OR060669 | *L. africensis*: KM987391.1 |
| Begoro\_1\_3 | Begoro | *S. aethiopicum* | OR062345 | *L. africensis*: KM987391.1 |
| Begoro\_1\_4 | Begoro | *S. aethiopicum* | OR060674 | *L. africensis*: KM987391.1 |
| Begoro\_1\_5 | Begoro | *S. aethiopicum* | OR060677 | *L. africensis*: KM987391.1 |
| Begoro\_1\_6 | Begoro | *S. aethiopicum* | OR060679 | *L. africensis*: KM987391.1 |
| Begoro\_1\_7 | Begoro | *S. aethiopicum* | OR060682 | *L. africensis*: KM987391.1 |
| Begoro\_1\_8 | Begoro | *S. aethiopicum* | OR060684 | *L. africensis*: KM987391.1 |
| Begoro\_2\_1 | Begoro | *S. aethiopicum* | OR060668 | *L. africensis*: KM987391.1 |
| Begoro\_2\_2 | Begoro | *S. aethiopicum* | OR060670 | *L. africensis*: KM987391.1 |
| Begoro\_2\_3 | Begoro | *S. aethiopicum* | OR060672 | *L. africensis*: KM987391.1 |
| Begoro\_2\_4 | Begoro | *S. aethiopicum* | OR060675 | *L. africensis*: KM987391.1 |
| Begoro\_2\_5 | Begoro | *S. aethiopicum* | OR060688 | *L. africensis*: KM987391.1 |
| Begoro\_2\_6 | Begoro | *S. aethiopicum* | OR060680 | *L. africensis*: KM987391.1 |
| Begoro\_2\_7 | Begoro | *S. aethiopicum* | OR060687 | *L. africensis*: KM987391.1 |
| Begoro\_2\_8 | Begoro | *S. aethiopicum* | OR060685 | *L. africensis*: KM987391.1 |
| Begoro\_L\_LP\_1A | Begoro | *S. aethiopicum* | OR060686 | *L. africensis*: KM987391.1 |
| Begoro\_L\_LP\_1B | Begoro | *S. aethiopicum* | OR060689 | *L. africensis*: KM987391.1 |
| Begoro\_L\_DP\_1A | Begoro | *S. aethiopicum* | OR060671 | *L. africensis*: KM987391.1 |
| Begoro\_L\_DP\_1B | Begoro | *S. aethiopicum* | OR060673 | *L. africensis*: KM987391.1 |
| Begoro\_L\_DP\_2A | Begoro | *S. aethiopicum* | OR060676 | *L. africensis*: KM987391.1 |
| Begoro\_L\_DP\_2B | Begoro | *S. aethiopicum* | OR060678 | *L. africensis*: KM987391.1 |
| Begoro\_L\_DP\_2C | Begoro | *S. aethiopicum* | OR060681 | *L. africensis*: KM987391.1 |
| Begoro\_L\_W\_2 | Begoro | *S. aethiopicum* | OR060683 | *L. africensis*: KM987391.1 |
| Legon\_1\_1 | Legon | *S. melongena* | OR062342 | *L. africensis*: KM987391.1 |
| Legon\_1\_2 | Legon | *S. melongena* | OR062344 | *L. africensis*: KM987391.1 |
| Legon\_1\_3 | Legon | *S. melongena* | OR062333 | *L. africensis*: KM987391.1 |
| Legon\_1\_4 | Legon | *S. melongena* | OR062335 | *L. africensis*: KM987391.1 |
| Legon\_1\_5 | Legon | *S. melongena* | OR062337 | *L. africensis*: KM987391.1 |
| Legon\_1\_6 | Legon | *S. melongena* | OR062338 | *L. africensis*: KM987391.1 |
| Legon\_1\_7 | Legon | *S. melongena* | OR062346 | *L. africensis*: KM987391.1 |
| Legon\_1\_8 | Legon | *S. melongena* | OR062347 | *L. africensis*: KM987391.1 |
| Legon\_2\_1 | Legon | *S. aethiopicum* | OR062343 | *L. africensis*: KM987391.1 |
| Legon\_2\_2 | Legon | *S. aethiopicum* | OR062332 | *L. africensis*: KM987391.1 |
| Legon\_2\_3 | Legon | *S. aethiopicum* |  OR062334 | *L. africensis*: KM987391.1 |
| Legon\_2\_4 | Legon | *S. aethiopicum* | OR062336 | *L. africensis*: KM987391.1 |
| Legon\_2\_6 | Legon | *S. aethiopicum* | OR062339 | *L. africensis*: KM987391.1 |
| Legon\_2\_7 | Legon | *S. aethiopicum* | OR062340 | *L. africensis*: KM987391.1 |
| Legon\_2\_8 | Legon | *S. aethiopicum* |  OR062341 | *L. africensis*: KM987391.1 |
| Nsawam\_1 | Nsawam | *S. aethiopicum* | OR062318 | *L. africensis*: KM987391.1 |
| Nsawam\_2 | Nsawam | *S. aethiopicum* | OR062319 | *L. africensis*: KM987391.1 |
| Nsawam\_3 | Nsawam | *S. aethiopicum* | OR062320 | *L. africensis*: KM987391.1 |
| Nsawam\_4 | Nsawam | *S. aethiopicum* | OR062321 | *L. africensis*: KM987391.1 |
| Nsawam\_5 | Nsawam | *S. aethiopicum* | OR062322 | *L. africensis*: KM987391.1 |
| Nsawam\_8 | Nsawam | *S. aethiopicum* | OR062323 | *L. africensis*: KM987391.1 |
| Senchi\_1 | Senchi | *S. aethiopicum* | OR064752 | *L. africensis*: KM987391.1 |
| Senchi\_2 | Senchi | *S. aethiopicum* | OR064753 | *L. africensis*: KM987391.1 |
| Senchi\_3 | Senchi | *S. aethiopicum* | OR064750 | *L. africensis*: KM987391.1 |
| Senchi\_4 | Senchi | *S. aethiopicum* | OR064749 | *L. africensis*: KM987391.1 |
| Senchi\_5 | Senchi | *S. aethiopicum* | OR064748 | *L. africensis*: KM987391.1 |
| Senchi\_6 | Senchi | *S. aethiopicum* | OR064747 | *L. africensis*: KM987391.1 |
| Senchi\_7 | Senchi | *S. aethiopicum* | OR064746 | *L. africensis*: KM987391.1 |
| Senchi\_8 | Senchi | *S. aethiopicum* | OR064751 | *L. africensis*: KM987391.1 |
| Senchi\_9 | Senchi | *S. aethiopicum* | OR064754 | *L. africensis*: KM987391.1 |
| Adeiso\_1\_10 | Adeiso | *S. aethiopicum* | OR058652 | *L. laisalis*: KM987397.1 |
| Legon\_2\_9 | Legon | *S. aethiopicum* | OR058653 | *L. laisalis*: KM987397.1 |
| *L.*\_*orbonalis*\_Bangladesh | Bangladesh | Eggplant | LN624686.1 | - |
| *L.\_orbonalis*\_India | India | Eggplant | LN624690.1 | - |
| *L.\_orbonalis*\_Malaysia | Malaysia | Eggplant | LN624689.1 | - |
| *L.\_orbonalis*\_Pakistan | Pakistan | Eggplant | LN624679.1 | - |
| *L.\_orbonalis*\_Thailand | Thailand | Eggplant | LN624707.1 | - |
| *L.\_africensis*\_Bangladesh | Bangladesh | *S. aethiopicum* | OL693251.1 | - |
| *L.\_africensis*\_Nigeria | Nigeria | Eggplant | KM987391.1 | - |
| *L.\_laisalis*\_Kenya | Kenya | Eggplant | KM987403.1 | - |
| *L.\_laisalis*\_Nigeria | Nigeria | Eggplant | KM987397.1 | - |
| *L.\_laisalis*\_South\_Africa | South Africa | Eggplant | KM987697.1 | - |
| *L.*\_*kenyensis*\_Kenya | Kenya | Eggplant | KM987390.1 | - |
| *L.\_malawiensis*\_Malawi | Malawi | Eggplant | LN624676.1 | - |
| *L.\_pseudorbonalis*\_Uganda | Uganda | Eggplant | LN624674.1 | - |
| *L.\_rimavallis*\_Kenya | Kenya | Eggplant | LN624678.1 | - |
| *C. capitata* | Kenya | *Strychnos henningsii* | JN705041.1 | - |