APPENDIX 1

Accession numbers of the barcode sequences submitted from GenBank of NCBI

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| --- | --- | --- | --- |
| **Submission number** | **Specimen** | **Accession number** | **Gene** |
| BankIt1986301 | criollatwo\_3 | KY549399 | *mat*K |
| BankIt1986301 | criollazero\_6 | KY549400 | *mat*K |
| BankIt1986301 | criollazero\_7 | KY549401 | *mat*K |
| BankIt1986301 | martinera\_2 | KY549402 | *mat*K |
| BankIt1987122 | costera\_5 | KY549403 | *mat*K |
| BankIt1987122 | criollazero\_4 | KY549404 | *mat*K |
| BankIt1987122 | criollaone\_5 | KY549405 | *mat*K |
| BankIt1987122 | martinera\_1 | KY549406 | *mat*K |
| BankIt1987122 | criollaone\_2 | KY549407 | *mat*K |
| BankIt1987124 | criollazero\_2 | KY549408 | *mat*K |
| BankIt1987128 | costera\_6 | KY549409 | *mat*K |
| BankIt1987128 | criollatwo\_2 | KY549410 | *mat*K |
| BankIt1987128 | costera\_7 | KY549411 | *mat*K |
| BankIt1987128 | costera\_1 | KY549412 | *mat*K |
| BankIt1987128 | criollaone\_6 | KY549413 | *mat*K |
| BankIt1987128 | costanera\_4 | KY549414 | *mat*K |
| BankIt1987128 | martinera\_7 | KY549415 | *mat*K |
| BankIt1987128 | costera\_3 | KY549416 | *mat*K |
| BankIt1987128 | criollazero\_5 | KY549417 | *mat*K |
| BankIt1987240 | costera\_3 | KY549418 | *rbc*L |
| BankIt1987250 | martinera\_2 | KY549419 | *rbc*L |
| BankIt1987250 | costera\_7 | KY549420 | *rbc*L |
| BankIt1987250 | criollaone\_4 | KY549421 | *rbc*L |
| BankIt1987250 | costera\_6 | KY549422 | *rbc*L |
| BankIt1987250 | martinera\_4 | KY549423 | *rbc*L |
| BankIt1987250 | criollatwo\_1 | KY549424 | *rbc*L |
| BankIt1987250 | criollazero\_2 | KY549425 | *rbc*L |
| BankIt1987251 | criollatwo3 | KY549426 | *rbc*L |
| BankIt1987251 | criollaone6 | KY549427 | *rbc*L |
| BankIt1987251 | criollatwo4 | KY549428 | *rbc*L |
| BankIt1987251 | costera1 | KY549429 | *rbc*L |
| BankIt1987251 | martinera5 | KY549430 | *rbc*L |
| BankIt1987251 | martinera6 | KY549431 | *rbc*L |
| BankIt1987251 | criollaone5 | KY549432 | *rbc*L |
| BankIt1987251 | criollatwo2 | KY549433 | *rbc*L |
| BankIt1987251 | criollatwo6 | KY549434 | *rbc*L |
| BankIt1987251 | martinera1 | KY549435 | *rbc*L |
| BankIt1987251 | martinera7 | KY549436 | *rbc*L |
| BankIt1987251 | costera2 | KY549437 | *rbc*L |
| BankIt1987251 | criollaone2 | KY549438 | *rbc*L |
| BankIt1987251 | criollazero6 | KY549439 | *rbc*L |
| BankIt1987251 | criollaone7 | KY549440 | *rbc*L |
| BankIt1987251 | criollazero5 | KY549441 | *rbc*L |
| SUB2359393 | criollaone\_2 | KY522854 | ITS1\_2 |
| SUB2359393 | criollaone\_4 | KY522855 | ITS1\_2 |
| SUB2359393 | criollazero\_5 | KY522856 | ITS1\_2 |
| SUB2359393 | criollazero\_4 | KY522857 | ITS1\_2 |
| SUB2359393 | criollatwo\_2 | KY522858 | ITS1\_2 |
| SUB2359393 | martinera\_2 | KY522859 | ITS1\_2 |
| SUB2359393 | criollaone\_7 | KY522860 | ITS1\_2 |
| SUB2359393 | criollazero\_7 | KY522861 | ITS1\_2 |
| SUB2359393 | criollatwo\_3 | KY522862 | ITS1\_2 |
| SUB2359393 | costera\_3 | KY522863 | ITS1\_2 |
| SUB2359393 | costera\_6 | KY522864 | ITS1\_2 |
| SUB2359393 | martinera\_4 | KY522865 | ITS1\_2 |
| SUB2359393 | martinera\_5 | KY522866 | ITS1\_2 |
| SUB2359393 | martinera\_7 | KY522867 | ITS1\_2 |
| SUB2359393 | criollazero\_6 | KY522868 | ITS1\_2 |
| SUB2359393 | criollaone\_5 | KY522869 | ITS1\_2 |
| SUB2359393 | criollaone\_6 | KY522870 | ITS1\_2 |
| SUB2359393 | costera\_2 | KY522871 | ITS1\_2 |
| SUB2359393 | costera\_7 | KY522872 | ITS1\_2 |
| SUB2359393 | criollatwo\_6 | KY522873 | ITS1\_2 |
| SUB2359393 | martinera\_6 | KY522874 | ITS1\_2 |

APPENDIX 2

Total evidence phylogram from Bayesian Inference approach for *Gynerium sagittatum*. Values above branch labels correspond to posterior probability values, and below, maximum likelihood bootstrap



APPENDIX 3

The *rbc*L gene phylogram from Bayesian Inference approach for *Gynerium sagittatum*



APPENDIX 4

The *mat*K gene phylogram from Bayesian Inference approach for *Gynerium sagittatum*. Values above branch labels correspond to posterior probability values, and below, maximum likelihood bootstrap

