Supplementary table S1 Stability evaluation of 13 candidate reference genes by four statistical algorithms in *Saccharum* spp.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **geNorm** | **NormFinder** | **DeltaCt** | **BestKeeper** |
|  | **gene** | **SV** | **gene** | **SV** | **gene** | **SV** | **gene** | **SV** |
| 1 | *CAC* | 0.31  | *UBQ* | 0.21  | *APRT* | 1.29  | *ACT* | 0.49  |
| 2 | *CUL* | 0.31  | *GAPDH* | 0.38  | *CAC* | 1.29  | 18S *rRNA* | 0.63  |
| 3 | *APRT* | 0.38  | *APRT* | 0.40  | *UBQ* | 1.30  | *TUB* | 0.67  |
| 4 | *UBQ* | 0.41  | *eEF-1α* | 0.49  | *CUL* | 1.32  | 25S *rRNA* | 0.70  |
| 5 | *GAPDH* | 0.43  | *CUL* | 0.49  | *GAPDH* | 1.36  | *TIPS* | 1.18  |
| 6 | *eEF-1α* | 0.48  | *eIF-4a* | 0.52  | *eIF-4a* | 1.45  | *CAC* | 1.46  |
| 7 | *eIF-4a* | 0.56  | *CAC* | 0.52  | *eEF-1α* | 1.46  | *UBQ* | 1.47  |
| 8 | 25S *rRNA* | 0.77  | 25S *rRNA* | 0.65  | 25S *rRNA* | 1.54  | *APRT* | 1.50  |
| 9 | 18S *rRNA* | 0.93  | 18S *rRNA* | 0.72  | *TUB* | 1.68  | *GAPDH* | 1.54  |
| 10 | *TUB* | 1.07  | *ACT* | 0.96  | 18S *rRNA* | 1.74  | *CUL* | 1.61  |
| 11 | *ACT* | 1.19  | *TUB* | 0.99  | *ACT* | 2.19  | *eIF-4a* | 1.61  |
| 12 | *PRR* | 1.38  | *PRR* | 1.65  | *PRR* | 2.80  | *eEF-1α* | 1.69  |
| 13 | *TIPS-41* | 1.65  | *TIPS-41* | 2.08  | *TIPS-41* | 3.64  | *TIPS-41* | 2.60  |
| SV, stability value |
|  |  |  |  |  |  |  |  |  |