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

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **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 | | | | | | | | |
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