

S4 Table. Ranking of candidate reference genes in order of their expression stability as calculated by geNorm.

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
|-------------------|--------------|--------------|--------------|--------------|--------------|-------------|--------------|--------------|-------------|
| ZD32 | <i>ELF1A</i> | <i>G6PD</i> | <i>TUA5</i> | <i>ELF1B</i> | <i>Fbox</i> | <i>60S</i> | <i>CYP2</i> | <i>ACT11</i> | <i>UBC4</i> |
| M value | 0.039 | 0.039 | 0.071 | 0.147 | 0.188 | 0.251 | 0.336 | 0.431 | 0.592 |
| ZD29 | <i>60S</i> | <i>G6PD</i> | <i>ELF1B</i> | <i>TUA5</i> | <i>ELF1A</i> | <i>UBC4</i> | <i>ACT11</i> | <i>Fbox</i> | <i>CYP2</i> |
| M value | 0.126 | 0.126 | 0.170 | 0.196 | 0.226 | 0.248 | 0.275 | 0.325 | 0.380 |
| ZD32 & ZD29 | <i>ELF1A</i> | <i>ELF1B</i> | <i>CYP2</i> | <i>ACT11</i> | <i>G6PD</i> | <i>Fbox</i> | <i>60S</i> | <i>UBC4</i> | |
| M value | 0.093 | 0.093 | 0.174 | 0.221 | 0.267 | 0.310 | 0.381 | 0.519 | |
| TL1 | <i>Fbox</i> | <i>UBC4</i> | <i>ELF1A</i> | <i>ACT11</i> | <i>60S</i> | <i>TUA5</i> | <i>CYP2</i> | <i>ELF1B</i> | <i>G6PD</i> |
| M value | 0.105 | 0.105 | 0.114 | 0.166 | 0.264 | 0.333 | 0.407 | 0.480 | 0.533 |
| TL2 | <i>60S</i> | <i>Fbox</i> | <i>ELF1B</i> | <i>G6PD</i> | <i>TUA5</i> | <i>CYP2</i> | <i>ELF1A</i> | <i>ACT11</i> | <i>UBC4</i> |
| M value | 0.153 | 0.153 | 0.296 | 0.423 | 0.446 | 0.475 | 0.512 | 0.535 | 0.601 |
| TL1 & TL2 | <i>Fbox</i> | <i>G6PD</i> | <i>ELF1A</i> | <i>ACT11</i> | <i>60S</i> | <i>UBC4</i> | <i>CYP2</i> | <i>ELF1B</i> | |
| M value | 0.273 | 0.273 | 0.350 | 0.402 | 0.497 | 0.540 | 0.588 | 0.635 | |
| PH-shoots | <i>ELF1B</i> | <i>ACT11</i> | <i>UBC4</i> | <i>Fbox</i> | <i>CYP2</i> | <i>TUA5</i> | <i>60S</i> | <i>G6PD</i> | |
| M value | 0.211 | 0.211 | 0.279 | 0.338 | 0.423 | 0.653 | 0.829 | 1.103 | |
| PH-roots | <i>ACT11</i> | <i>UBC4</i> | <i>ELF1B</i> | <i>Fbox</i> | <i>CYP2</i> | <i>60S</i> | <i>TUA5</i> | <i>G6PD</i> | |
| M value | 0.279 | 0.279 | 0.347 | 0.416 | 0.637 | 0.710 | 0.817 | 0.908 | |
| PH Shoots & Roots | <i>UBC4</i> | <i>CYP2</i> | <i>TUA5</i> | <i>ACT11</i> | <i>ELF1B</i> | <i>Fbox</i> | <i>60S</i> | <i>ELF1A</i> | <i>G6PD</i> |
| M value | 0.090 | 0.090 | 0.127 | 0.245 | 0.315 | 0.357 | 0.488 | 0.550 | 0.971 |
| ZD32& TL1 & PH | <i>Fbox</i> | <i>ELF1B</i> | <i>ACT11</i> | <i>ELF1A</i> | <i>UBC4</i> | <i>TUA5</i> | <i>CYP2</i> | <i>G6PD</i> | <i>60S</i> |
| M value | 0.155 | 0.155 | 0.299 | 0.537 | 0.655 | 0.724 | 0.782 | 1.042 | 1.209 |