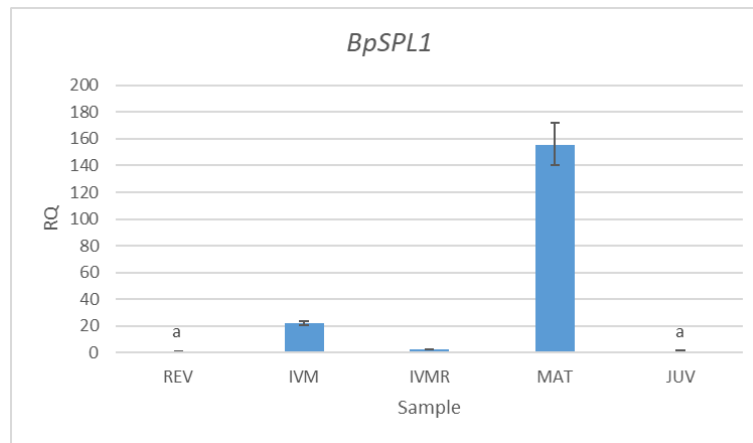
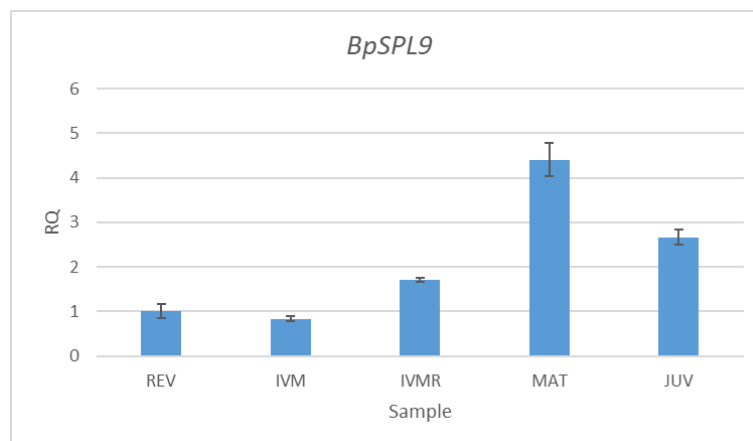


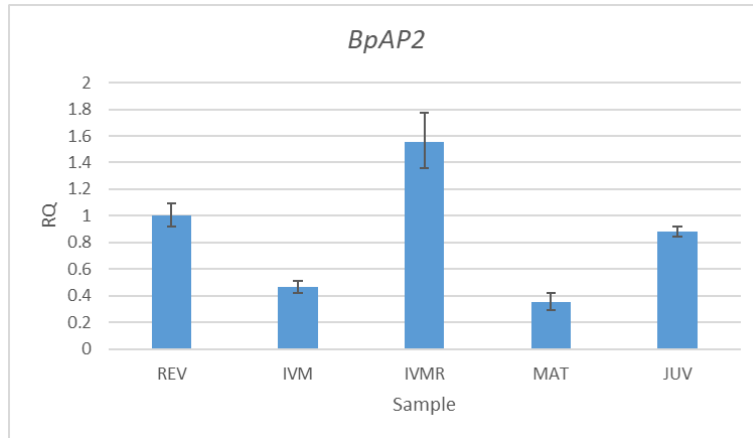
Supplementary file 3. Relative expression (RQ) of miR156 and miR172 family target genes in samples from leaves of rejuvenated *in vitro* shoots (REV), typical mature *in vitro* shoots (IVM), mature *in vitro* shoots with signs of juvenility (IVMR), mature controls (MAT), juvenile controls (JUV). Bars indicate minimum and maximum RQ values. Samples labelled with the same letter are not statistically different ( $p>0.05$ ). The REV sample was set as the reference sample.



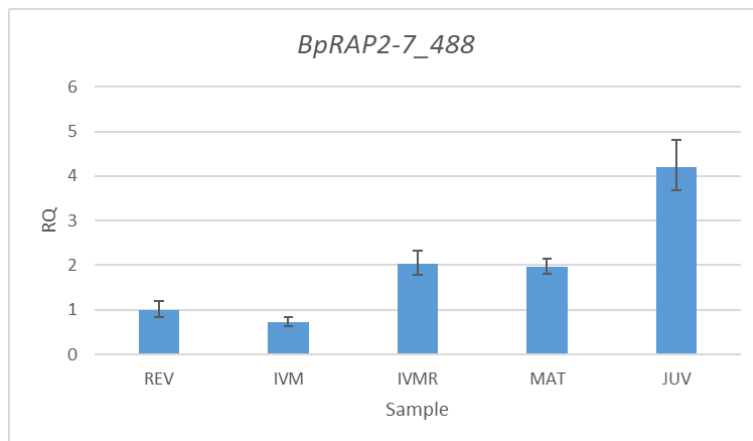
| <i>BpSPL1</i> |          |          |          |
|---------------|----------|----------|----------|
| Sample        | RQ       | RQ Min   | RQ Max   |
| REV           | 1        | 0.944017 | 1.059303 |
| IVM           | 22.22143 | 20.61881 | 23.94861 |
| IVMR          | 2.473623 | 2.34528  | 2.60899  |
| MAT           | 155.2231 | 140.3128 | 171.7178 |
| JUV           | 0.805687 | 0.425058 | 1.527159 |



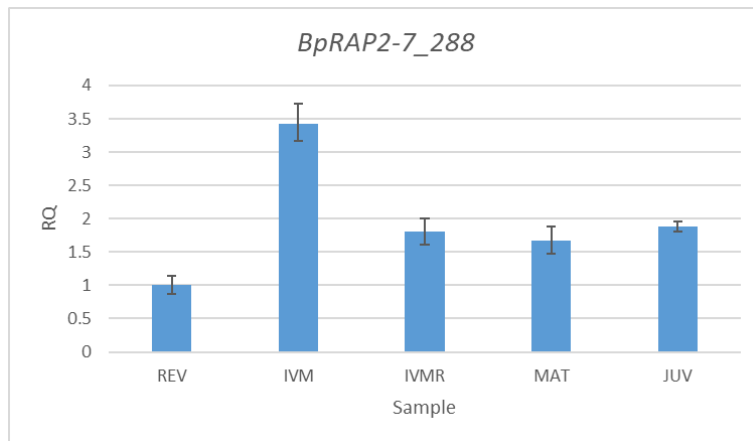
| <i>BpSPL9</i> |          |          |          |
|---------------|----------|----------|----------|
| Sample        | RQ       | RQ Min   | RQ Max   |
| REV           | 1        | 0.853004 | 1.172328 |
| IVM           | 0.837962 | 0.77938  | 0.900948 |
| IVMR          | 1.707101 | 1.664219 | 1.751087 |
| MAT           | 4.397197 | 4.046195 | 4.778648 |
| JUV           | 2.665875 | 2.500424 | 2.842274 |



| <b><i>BpAP2</i></b> |          |          |          |
|---------------------|----------|----------|----------|
| Sample              | RQ       | RQ Min   | RQ Max   |
| REV                 | 1        | 0.917278 | 1.090182 |
| IVM                 | 0.464504 | 0.420124 | 0.513572 |
| IVMR                | 1.553514 | 1.357941 | 1.777255 |
| MAT                 | 0.351426 | 0.291138 | 0.424199 |
| JUV                 | 0.88382  | 0.846235 | 0.923074 |



| <b><i>BpRAP2-7_488</i></b> |          |          |          |
|----------------------------|----------|----------|----------|
| Sample                     | RQ       | RQ Min   | RQ Max   |
| REV                        | 1        | 0.829333 | 1.205788 |
| IVM                        | 0.721527 | 0.630846 | 0.825243 |
| IVMR                       | 2.040039 | 1.787759 | 2.327921 |
| MAT                        | 1.970002 | 1.812295 | 2.141433 |
| JUV                        | 4.206347 | 3.672293 | 4.818069 |



| <b><i>BpRAP2-7_288</i></b> |          |          |          |
|----------------------------|----------|----------|----------|
| Sample                     | RQ       | RQ Min   | RQ Max   |
| REV                        | 1        | 0.876429 | 1.140993 |
| IVM                        | 3.429826 | 3.162234 | 3.720063 |
| IVMR                       | 1.799772 | 1.612494 | 2.008801 |
| MAT                        | 1.665235 | 1.472007 | 1.883829 |
| JUV                        | 1.88255  | 1.806415 | 1.961894 |