

Additional file 8. List of fatty acid biosynthesis related genes in cacao. The expression of these genes were compared in cacao IZE transiently overexpressing control vector and E12Ω::TcLEC2.

| Gene | Tc_ID |
|------------------|--------------------|
| <i>TcKASII</i> | <i>Tc09g006480</i> |
| <i>TcFAB2.2</i> | <i>Tc04g017510</i> |
| <i>TcFAB2.7</i> | <i>Tc08g012550</i> |
| <i>TcFAD2.1</i> | <i>Tc05g018800</i> |
| <i>TcFAD2.2</i> | <i>Tc01g015280</i> |
| <i>TcFAD6</i> | <i>Tc09g002840</i> |
| <i>TcFAD7/8</i> | <i>Tc05g002310</i> |
| <i>TcFatA</i> | <i>Tc01g022130</i> |
| <i>TcFatB_1</i> | <i>Tc09g010360</i> |
| <i>TcFatB_2</i> | <i>Tc01g022130</i> |
| <i>TcFatB_5</i> | <i>Tc03g015170</i> |
| <i>TcDGAT1.1</i> | <i>Tc09g007600</i> |
| <i>TcDGAT2</i> | <i>Tc01g000140</i> |
| <i>TcPDAT1</i> | <i>Tc09g029110</i> |