

**Table S2:** Detail of the sequences inserted in the constructs used in this work.

<b>Construct</b>	<b>Targeted gene</b>	<b>Insert type</b>
<i>ELVd-27</i>	-	27 nt in length randomly designed structured sequence
<i>ELVd-33</i>	phytoene desaturase ( <i>PDS</i> )	33 nt in length sequence derived from the positions 148-180 of <i>PDS</i> (SMEL_003g196960.1.01)
<i>ELVd-21</i>		21 nt in length amiRNA sequence complementary to positions 549-569 of <i>PDS</i> (SMEL_003g196960.1.01)
<i>ELVd-42</i>		42 nt in length amiRNA sequence complementary to positions 549-569 of <i>PDS</i> (SMEL_003g196960.1.01) and its star sequence
<i>ELVd-GFP</i>	green fluorescent protein ( <i>GFP</i> )	42 nt in length sequence of <i>GFP</i> (positions 377 to 397) and its star sequence
<i>CHL1-a</i>	magnesium-chelatase subunit ( <i>ChlI</i> )	42 nt in length amiRNA sequence complementary to positions 114-134 of <i>ChlI</i> (SMEL_004g204170.1.01) and its star sequence
<i>CHL1-b</i>		42 nt in length amiRNA sequence complementary to positions 896-916 of <i>ChlI</i> (SMEL_004g204170.1.01) and its star sequence