

### **DNA quality and quantity for injection - Sang's requirements**

The quality of the plasmid for injection needs to be of a *Qiagen* midi prep quality or equivalent because the survival rate directly depends on the purity of the plasmid. The ratio of OD<sub>260</sub>/OD<sub>280</sub> should be approximately 1.80. The concentration of the plasmid for injection should be 1 µg/µl, dissolved in dd sterile water and a minimum of 10 µl is required. We provide the *P-element* helper plasmid and the injection buffer.