



Supplementary Figure 3. Drop assay performed with the cold-resistant clones that are formed by two or more putative genes. In this cold-test, the cold-resistance of the complete clones and the subclones have been compared. DH10B strain carrying an empty pBluescript vector was used as a positive control and both cold sensitive strains (DH10B $\Delta csdA$ and DH10B $\Delta csdA \Delta rnr$) also carrying empty pBluescript vectors were used as negative controls. The cell density of overnight cultures was adjusted to $OD_{600\text{ nm}}$ values of 1.0, serial dilutions were performed and 10 μl drops of each dilution were inoculated on LB- Ap_{50} plates that were grown at 15°C for 10 days. Each experiment was repeated at least three times using independent cultures.