



**Supplementary Figure 5.** Control drop assay performed with the cold-resistance clones, subclones and control strains used in the UV-B resistance test (*see Fig. 6*) but in this case they were not irradiated with UV-B radiation to check the similar cell density of the different cultures. The cell density of overnight cultures was adjusted to OD<sub>600 nm</sub> values of 1.0, serial dilutions were performed and 10  $\mu$ l drops of each dilution were inoculated on LB-Ap<sub>50</sub> plates that were grown overnight at 37°C without being irradiated. Each experiment was repeated at least three times using independent cultures.