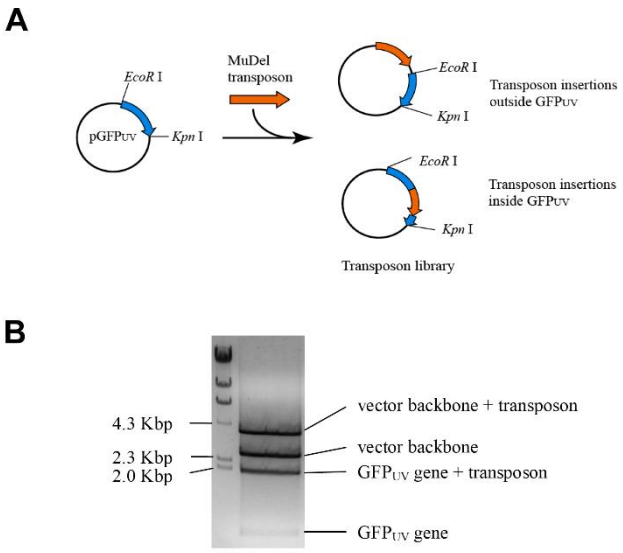

Figure S1. Isolation of transposon inserts inside GFP$_{UV}$ gene. **A**) Possible outcome of transposon insertion. **B**) A 1% agarose gel showing the product from *EcoR* I/*Kpn* I digestion of pGFP$_{UV}$-transposon library. Transposon inserts inside GFP$_{UV}$ gene can be recovered by re-ligating the DNA bands corresponding to "vector backbone" and "GFP$_{UV}$ gene + transposon".