LR Reaction for expression clone (total volume 5 ul) :

1. Add following components to a 1.5 ml microcentrifuge tube, vortex briefly twice. Spin down by a microcentrifuge briefly.

   Entry clone (100~150ng) 1 ul

   destination vector (150~200ng/ul) 1 ul

   TE buffer (pH=8.0) to 4 ul

   LR clonase II mix 1 ul

2. Incubate reactions at 25°C for more than 3 hours; overnight incubation for up to 18 hours typically yields more colonies.
3. Add 1 ul of the Proteinase K solution to each sample to terminate the reaction, vortex briefly and incubate at 37°C for 10 min.
4. Transform 1ul of each sample to E.coli DH5α according to the heat shock protocol for bacterial transformation. Keep the remaining solution until in case a retransformation will be required.