

Description of Additional Supplementary Files

File Name: Supplementary Movie 1

Description: Time-lapse movie of an XF004 colony expressing Tsr-Venus-Ub-CI (green) integrated in the chromosome and LacI-mCherry (red) from a plasmid. Movie was taken using the same imaging condition as that for XF224 time-lapse movies.

File Name: Supplementary Movie 2

Description: Time-lapse movie of an XF002 colony expressing Tsr-Venus-Ub-CI (yellow) only. Imaging condition was the same as that for XF224 time-lapse movies.

File Name: Supplementary Movie 3

Description: Time-lapse movie of an XF003 colony expressing LacI-Venus-Ub-CI (yellow) only. Imaging condition was the same as that for XF224 time-lapse movies.

File Name: Supplementary Movie 4

Description: Time-lapse movies of two XF224 colonies expressing Tsr-Venus-UbCI857 and LacI-Venus-Ub-Cro. Imaging condition was described in Material and Methods. Frame rate was one per 5 minutes.

File Name: Supplementary Movie 5

Description: Time-lapse movies of two XF224 colonies expressing Tsr-Venus-UbCI857 and LacI-Venus-Ub-Cro. Imaging condition was described in Material and Methods. Frame rate was one per 5 minutes.