FUTURE DIRECTIONS

- As we found a novel Ssu’ mutation K33E that strongly suppresses the Sui’ phenotype of SU13-2. In future, we would like to make additional mutations (G31K, G31E, K33R etc.) and study their phenotype in yeast.
- Another novel dominant Ssu’(G78R) was also found in this study. G78R is the first dominant Ssu’ mutation in any initiation factor that confers recessive lethality. We would like to study its effect on GTP hydrolysis and also make some additional mutation on G78 position (G78K, G78S) and study their phenotype in yeast.