

## Chromoproteins

### 22 August

- *Transformation*  
K1375005(RBS+amilCP) [MG1655]  
K592010(amilGFP) [MG1655]  
K1357008(RBS+tsPurple) [MG1655]  
J23100(constitutive promoter) [MG1655]  
K880005 (J23100+B0034)  
K864402(promoter+RBS+ eforRed)  
J97003(IP-Free TannenRFP)

### 23 August

- *Overnight Culture*  
K1375005(RBS+amilCP)  
K592010(amilGFP)  
K1357008(RBS+tsPurple)  
J23100(constitutive promoter)  
K880005 (J23100+B0034)  
J97003(IP-Free TannenRFP)

### 24 August

- *Miniprep*  
K1375005(RBS+amilCP)  
K592010(amilGFP)  
K1357008(RBS+tsPurple)  
J97003(IP-Free TannenRFP)  
J23100(constitutive promoter)  
K880005 (J23100+B0034)

Sample	Concentration(ng/ul)
K1375005	361.6
K592010	249.3
K1357008	202.6

**Table 4:** Nanodrop results

- *Cut -Ligate*  
Digestion

K1375005(RBS+amilCP) (XbaI/PstI)  
K592010(amilGFP) (XbaI/PstI)  
K1357008(RBS+tsPurple) (XbaI/PstI)  
J23100(constitutive promoter) (SpeI/PstI)  
K880005 (J23100+B0034)(SpeI/PstI)  
J97003(IP-Free TannenRFP) (XbaI/PstI)

#### Gel Extraction

K1375005  
K592010  
K1357008  
J23100  
K880005  
J97003

#### Ligation

J23100+K1375005  
J23100+ K1357008  
K880005+ K592010  
K880005+ J97003

- *Transformation*

J23100+K1375005[MG1655]  
J23100+ K1357008[MG1655]  
K880005+ K592010[MG1655]  
K880005+ J97003 [MG1655]

