Table S2 **Carboxysome ultrastructure and diameter at the widest point in complemented mutant strains.** Diameters are expressed as the mean and standard deviation of a sample size shown here. **A**, carboxysome type is defined as wild-type like carboxysome (**CBX**), and carboxysome-like polar body (**PB**). The number of carboxysome measurements is shown in brackets.

|  |  |
| --- | --- |
| **Genotype** | **Carboxysome** |
|  | **TypeA** | **Diameter (nm)** |
| PCC 7942 | CBX | 175 ± 37 (35) |
| HIND + pSE41-*ccmK2* | CBX | 157 ± 26 (17) |
| Δ*ccmK3-4* +pSE41-*ccmK3-4*  | CBX | 147 ± 23 (18) |
| Δ*ccmO* + pSE2-H6-Ub*-ccmO* | CBX | 197 ± 38 (31) |