**Table S4.** **PCA of the intra-dimer interface of GTP- and GDP-tetramers.**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Structure type and run | Mean (PC1), nm | SD (PC1), nm | Mean (PC2), nm | SD (PC2), nm |
| GTP, 3j6e (run #1) | -0.96 | 0.36 | 0.05 | 0.14 |
| GTP, 3j6e (run #2) | 0.06 | 0.29 | 0.25 | 0.15 |
| GTP, 3j6e (run #3) | 0.12 | 0.25 | 0.13 | 0.17 |
| GDP, 3j6f (run #1) | -0.24 | 0.24 | 0.7 | 0.15 |
| GDP, 3j6f (run #2) | 0.27 | 0.26 | 0.38 | 0.14 |
| GDP, 3j6f (run #3) | -0.61 | 0.38 | 0.6 | 0.15 |