1. **Full Benchmark Result Table**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Name** | **Type** | **No. of Residues** | **Specification** | **Design** | **Relaxed** | **Design Score** | **Global RMSD (Å)** | **Max Windowed RMSD (Å)** |
| **2x7c** | **Random**  **10**  **Modules** | **1460** |  |  |  | **0** | **3.4** | **2.1** |
| **2vnd** | **2082** |  |  |  | **0** | **2.0** | **1.4** |
| **1696** | **1751** |  |  |  | **0** | **2.4** | **1.7** |
| **d0qe** | **1832** |  |  |  | **0** | **5.0** | **2.6** |
| **eabj** | **1532** |  |  |  | **0** | **1.8** | **1.7** |
| **Name** | **Type** | **No. of Residues** | **Specification** | **Design** | **Relaxed** | **Design Score** | **Global RMSD (Å)** | **Max Windowed RMSD (Å)** |
| **hfw4** | **Random**  **10**  **Modules** | **1504** |  |  |  | **0** | **5.9** | **2.9** |
| **iv57** | **1701** |  |  |  | **0** | **2.8** | **2.1** |
| **ju1z** | **1857** |  |  |  | **0** | **2.5** | **1.8** |
| **v722** | **1930** |  |  |  | **0** | **5.8** | **2.5** |
| **iz7z** | **1961** |  |  |  | **0** | **4.5** | **2.6** |
| **Name** | **Type** | **No. of Residues** | **Specification** | **Design** | **Relaxed** | **Design Score** | **Global RMSD (Å)** | **Max Windowed RMSD (Å)** |
| **1z1q** | **Random**  **20**  **Modules** | **3635** |  |  |  | **0** | **10.2** | **3.9** |
| **8gcv** | **3744** |  |  |  | **0** | **10.1** | **4.3** |
| **cref** | **3221** |  |  |  | **0** | **28.0** | **7.0** |
| **kwkh** | **3870** |  |  |  | **0** | **12.2** | **4.8** |
| **mqj2** | **3943** |  |  |  | **0** | **19.9** | **6.2** |
| **Name** | **Type** | **No. of Residues** | **Specification** | **Design** | **Relaxed** | **Design Score** | **Global RMSD (Å)** | **Max Windowed RMSD (Å)** |
| **7r78** | **Random**  **30**  **Modules** | **4788** |  |  |  | **0** | **23.3** | **6.6** |
| **xsx0** | **5480** |  |  |  | **0** | **13.9** | **4.9** |
| **ugyg** | **5322** |  |  |  | **0** | **23.8** | **6.5** |
| **vi31** | **4994** |  |  |  | **0** | **13.6** | **4.7** |
| **vias** | **4641** |  |  |  | **0** | **8.0** | **3.7** |
| **Name** | **Type** | **No. of Residues** | **Specification** | **Design** | **Relaxed** | **Design Score/Modules** | **Global RMSD (Å)** | **Max Windowed RMSD (Å)** |
| **B** | **Hand Drawn** | **5162** |  |  |  | **5602/32** | **51.0** | **9.8** |
| **R** | **4003** |  |  |  | **2457/24** | **70.3** | **11.6** |
| **I** | **1149** |  |  |  | **146/8** | **7.9** | **3.1** |
| **S** | **1971** |  |  |  | **509/14** | **39.3** | **7.4** |
| **T** | **2713** |  |  |  | **1697/19** | **11.5** | **5.0** |
| **Name** | **Type** | **No. of Residues** | **Specification** | **Design** | **Relaxed** | **Design Score/Modules** | **Global RMSD (Å)** | **Max Windowed RMSD (Å)** |
| **O** | **Hand Drawn** | **3175** |  |  |  | **1065/21** | **11.3** | **4.4** |
| **L** | **1661** |  |  |  | **227/12** | **2.4** | **1.7** |
| **Horns** | **4181** |  |  |  | **4108/27** | **53.2** | **10.3** |
| **Spiral** | **3767** |  |  |  | **1899/23** | **37.5** | **8.6** |
| **Infinity** | **4872** |  |  |  | **5126/27** | **52.2** | **10.8** |