

| CBPs  | Percent disorder | Random_DNA_binding   | Percent disorder |
|---|------------------|--|------------------|
| 14-3-3s   | 11.29            | RFXAP  | 61.03            |
| AF10  | 65.92            | RPB1C  | 6.96             |
| BRCA1   | 65.75            | DCR1A  | 55.58            |
| DEK   | 54.93            | MCM3   | 21.41            |
| ESR1  | 40.5             | ERCC5  | 62.31            |
| HMGB1   | 34.42            | TDG  | 35.85            |
| IFI16   | 43.18            | RPC4   | 56.78            |
| MUS81   | 25.23            | APEX2  | 26.45            |
| P53   | 35.11            | REV1   | 47.16            |
| PARP1   | 17.55            | AICDA  | 4.4              |
| R51A1   | 73.86            | MSD2   | 35.78            |
| RAD54L  | 20.62            | PDIP3  | 47.03            |
| TERF2   | 46.86            | DPOLA  | 24.76            |
| TOP1  | 35.82            | ABC3D  | 4.4              |
| WRN   | 29.82            | DCR1B  | 20.49            |
| XPF   | 26.86            | YBOX2  | 67.31            |
| Shapiro-Wilk normality test<br><br>data: x\$CBPs<br>W = 0.95588<br>p-value = 0.5882   |                  | Shapiro-Wilk normality test<br><br>data: x\$Random_DNA_binding<br>W = 0.9312<br>p-value = 0.2547 |                  |
| F test to compare two variances<br><br>data: x\$CBPs and x\$Random_DNA_binding<br>F = 0.72855, num df = 15, denom df = 15, p-value = 0.5472 |                  |  |                  |
| Welch Two Sample t-test<br><br>data: x\$CBPs and x\$Random_DNA_binding<br>t = 0.44683, df = 29.278, p-value = 0.6583                        |                  |  |                  |