**Supplementary Table 1: Total reads with human proteins**

|  |  |  |
| --- | --- | --- |
| **Donor DNA** | **TOP STRAND** | **BOTTOM STRAND** |
| **Peak** | **Total** | **% Peak** | **Peak** | **Total** | **% Peak** |
| **Supercoiled donor** | 42 | 2,154 | **2.0** | 19 | 4,898 | **0.39** |
| **Linear donor** | 66 | 2,138 | **3.1** | 8 | 5,104 | **0.16** |