2019 TAD design library

Library\_2019\_v5.xlsx

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| --- | --- | --- |
| Set | Set length | Library space |
| Combinatorial | 8121 | 8121 |
| W\_first | 10 | 20 |
| D\_first | 10 | 20 |
| Set\_g\_spacing | 50 | 100 |
| G\_in | 20 | 40 |
| G\_out | 20 | 40 |
| Terminal\_WD | 20 | 40 |
| Internal\_WD | 20 | 40 |
| OneR | 20 | 40 |
| TwoR | 19 | 38 |
| ThreeR | 18 | 36 |
| Umayr\_set | 10 | 20 |
| Random\_WD20 | 50 | 100 |
| Dipep | 800 | 800 |
| ANAC013 reps | 100 | 100 |
| AR reps | 100 | 100 |
| CREBZF reps | 100 | 100 |
| EKLF reps | 100 | 100 |
| P53 reps | 100 | 100 |
| Rela2 reps | 100 | 100 |
| Equal\_K\_and\_D | 300 | 300 |
| Equal\_R\_and\_D | 1024 | 1024 |
| Known\_tads | 23 | 46 |
| Histone\_binding\_set | 14 | 28 |
| Hikara\_histones | 1000 | 1000 |
| Stop\_codon | 10 | 10 |
| Long\_gcn4\_tad | 1 | 2 |
| Total | 12160 | 12465 |
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###Looks like I need to remove 65 more sequences from WD12 from combinatorial, I already removed 69 sequences so we will be down 134 sequences from WD12