**Supporting Information**

**Table S1:** List of 33 C-Tpr fragments used in simulations. To eliminate the possibility of dividing a binding region on C-Tpr, fragments have a 10 residues overlap at both ends, adjusted as necessary to avoid proline residues.

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Segment index** | **1**  | **2**  | **3**  | **4**  | **5**  | **6**  | **7**  | **8**  | **9**  | **10**  | **11**  |
| **No. of AA** | 30  | 30  | 30  | 46  | 36  | 36  | 44  | 30  | 30  | 30  | 30  |
| **Sequence Portion** | 1701-1730  | 1721-1750  | 1741-1770  | 1748-1793  | 1779-1814  | 1800-1835  | 1818-1861  | 1848-1877  | 1868-1897  | 1888-1917  | 1908-1937  |
| **Segment index** | **12**  | **13**  | **14**  | **15**  | **16**  | **17**  | **18**  | **19**  | **20**  | **21**  | **22**  |
| **No. of AA** | 30  | 30  | 30  | 32  | 30  | 30  | 41  | 40  | 38  | 39  | 32  |
| **Sequence Portion** | 1928-1957  | 1948-1977  | 1968-1997  | 1988-2019  | 2008-2037  | 2028-2057  | 2048-2088  | 2063-2102  | 2085-2122  | 2110-2148  | 2130-2161  |
| **Segment index** | **23**  | **24**  | **25**  | **26**  | **27**  | **28**  | **29**  | **30**  | **31**  | **32**  | **33**  |
| **No. of AA** | 30  | 40  | 35  | 41  | 30  | 30  | 34  | 35  | 30  | 30  | 11  |
| **Sequence Portion** | 2150-2179  | 2163-2202  | 2192-2226  | 2207-2247  | 2233-2262  | 2253-2282  | 2273-2306  | 2293-2327  | 2313-2342  | 2333-2362  | 2353-2363  |