**Supplementary Table 2**. Sub-optimum, optimum, and supra-optimum (w/w) nanocomplex ratios obtained from the band-shift assay.

|  |  |  |  |
| --- | --- | --- | --- |
| **Nanocomplexes** | **Sub-optimal** | **Optimal** | **Supra-optimal** |
| AuNP-PLL | 1:1 | 1: 1.5 | 1:2 |
| AuNP-PLL-PEG | 1:1.5 | 1: 2 | 1:.2.5 |

## 