**Table S4**. NetMHC predicted binding peptide information for TSSK2.

|  |  |  |  |
| --- | --- | --- | --- |
| **Peptide** | **HLA allele** | **Rank** | **Predicted binder** |
| GRIYIIMEL | B\*27:02 | 0.014 | SB |
| GRIYIIMEL | C\*07:02 | 0.056 | SB |
| GRIYIIMEL | C\*07:04 | 0.073 | SB |
| GRIYIIMEL | C\*07:06 | 0.038 | SB |