Table S3. The identification numbers of EBV complete wild type genome (strain B95.8), proteins and HLA-A\*02-restricted epitopes used in the study.

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| --- | --- | --- |
| Gene name(GenBank ID AJ507799.2) | Protein | HLA-A\*02-restricted epitope |
| Names | UniProtKB/ Swiss-Prot ID | Length | Sequence (aa) | Immune Epitope Database ID |
| BZLF1 | Transactivator protein BZLF1, EB1, ZEBRA, Zta | P03206 | 245 aa | - | - |
| BMLF1 | BMLF1 protein, EB2, protein SM, Mta | Q04360 | 479 aa | GLCTLVAML (259-267) | 20788 |
| LMP2 | Latent membraneprotein 2, terminalprotein | P13285 | 497 aa | CLGGLLTMV (426–434) | 6568 |