Fig. S1. The sequence alignment of HLA-C*12:02:02 with HLA-C*01:02:01 and HLA-C*03:02:01. The amino-acid sequences, residue numbers and the sequence alignment of HLA-C alleles were searched from the website of HLA Nomenclature (http://hla.alleles.org). The three HLA-C alleles are proteins of 342 amino acids, consisting of \( \alpha_1-\alpha_2 \) domains (yellow region), \( \alpha_3 \) domain (green region) and a transmembrane helix (cyan region). The amino-acid residues marked in magenta represent the unique amino-acid residues in the HLA-C*12:02:02, when compared to the sequence of HLA-C*01:02:01 and HLA-C*03:02:01.