SUPPLEMENTAL FIGURE LEGENDS

Figure S1. Pearson correlation of the identified peptides between UN and KO cell clones.

Pairwise comparisons of the ion peak intensities corresponding to the assigned peptides from UN and KO cell clones of HLA-B*27:05 ligands. Pearson correlation values are indicated.

Figure S2. Venn diagram for the identified HLA-B*25:05 ligands.

Numbers of peptides identified in different UN and KO cell clones are indicated. Overlapping sections show the peptides identified in more than one cell clone.

Figure S3. Theoretical affinity to HLA-B*27:05 ligands that were detected by MS/MS analysis.

Theoretical affinity of identified peptides from UN and KO cell clones. The medians are indicated as continuous red lines.

Figure S4. Hydrophobicity of HLA-B*27:05 ligands from ERAP2-positive (UN) and ERAP2-negative (KO) cell clones.

Comparison of hydrophobicity measured on the grand average of hydropathicity (GRAVY) scale (ProtParam tool, ExPASy Proteomics Server, http://www.expasy.ch) at the indicated position among the HLA-B*27:05 ligands with IR > 1.5 from UN (open bars) and KO (closed bars) cell clones. Significant P values: *, P < 0.05; **, P < 0.01; and ***, P < 0.001 between UN and KO cell clones are indicated, respectively.