**Mean Epitope Residue Frequencies Across Checkpoints** - ALA 2 2.6 0.58 1.5 1 2 0.89 1.9 0.83 1 2 ASN -0.94 0.75 0.25 2 ASP -2 1.2 2.8 0.17 1 - 8 0.083 2 GLN -1.5 2.5 0.88 0.92 1 GLU -1.4 2 2.6 2 2 GLY 0.28 1.4 0.83 1 1.5 3 - 6 HIS -0.88 0.5 3 Amino Acid LEU ILE 1.7 1.4 1.5 2 3 1.2 0.62 2.4 0.5 4 - IX 1.1 1.7 1 2 2 - 4 MET 0.11 1.9 1.8 1 품 -0.83 0.38 0.17 2 1 1 PRO -2.1 2.7 1 2 3 SER -2.4 0.75 0.67 2 3.5 - 2 표 -0.72 0.38 1.5 1 TRP -0.17 0.12 <u>∓</u> -0.44 2 0.5 2.8 2.9 VAL 0.83 1.8 0.92 1 2 - 0 KIR ı TIM3 PDL1 CTLA4 PD1 LAG3 Checkpoint