Mean Paratope Residue Frequencies Across Checkpoints 10 GLU GLN CYS ASP ASN ARG ALA 0.61 0.75 0.083 4 1 1.1 1.2 0.33 0.62 2.3 1.6 1 1 1 2 1 0.5 1 3.5 2 - 8 0.17 0.33 1 0.11 0.75 0.33 1 GLY 3 3 2.1 1 3 - 6 HIS -0.5 0.5 0.83 Amino Acid 0.67 0.083 1 0.5 1 1.1 1 0.83 1 ΓXS 0.22 0.62 0.42 3 2 - 4 TRP THR SER PRO PHE MET 0.28 1.2 0.67 0.5 1 2 1 0.28 0.25 1 1 1 3.6 4.2 3.5 1 - 2 1.7 1.5 0.92 2 4 1 0.89 1.9 1.8 1 2  ${\rm T}_{\rm R}$ 5.5 3.8 3 4 4 - AL 0.44 0.67 0.5 1 3 - 0 LAG3 TIM3 PD1 CTLA4 PDL1 KİR Checkpoint