Normalized Epitope Residue Frequencies (Z-scores) for CTLA4

Residue	5ggv	5tru	5xj3	6rp8	6xy2	7dv4	7elx	7su0	7su1	9dq3	9dq4	9dq5	mean
ALA	-0.4	-0.2	-1.1	-1.2	0.1	0.1	-1.1	-0.4	0.1	-1.1	-1.1	0.0	-0.7
ARG	-0.4	-0.2	-0.2	-0.2	-0.8	0.1	-0.2	-0.4	0.1	-0.2	-0.4	-1.0	-0.4
ASN	-0.4	-1.2	-1.1	-1.2	-0.8	0.1	-1.1	-1.4	-0.9	-1.1	-1.1	0.0	-1.0
ASP	-1.2	-1.2	-1.1	-1.2	-0.8	0.1	-1.1	-1.4	-0.9	-1.1	-1.1	0.0	-1.1
CYS	-1.2	-1.2	-1.1	-1.2	-0.8	0.1	-1.1	-1.4	-0.9	-1.1	-1.1	-1.0	-1.2
GLN	0.5	-0.2	-1.1	-0.2	-0.8	-0.9	-0.2	0.6	-0.9	-0.2	0.4	0.0	-0.3
GLU	0.5	1.6	1.5	1.8	-0.8	2.2	1.6	1.5	1.1	1.8	1.2	1.9	1.6
GLY	0.5	-0.2	-0.2	-0.2	0.1	-0.9	-0.2	-0.4	-0.9	-0.2	-0.4	-1.0	-0.4
HIS	-1.2	-0.2	-1.1	-0.2	0.1	-0.9	-1.1	-0.4	-0.9	-0.2	-1.1	0.0	-0.8
ILE	0.5	0.7	0.6	0.8	0.1	-0.9	0.7	0.6	0.1	0.8	-0.4	0.0	0.4
LEU	2.3	1.6	0.6	0.8	1.1	0.1	1.6	1.5	2.1	1.8	1.2	-1.0	1.4
LYS	0.5	-0.2	0.6	-0.2	0.1	-0.9	-0.2	-0.4	0.1	-0.2	-0.4	0.0	-0.1
MET	0.5	0.7	0.6	0.8	0.1	1.1	0.7	0.6	1.1	0.8	1.2	-1.0	0.7
PHE	-1.2	-1.2	-1.1	-1.2	-0.8	-0.9	-1.1	-1.4	-0.9	-1.1	-0.4	0.0	-1.1
PRO	1.4	1.6	1.5	1.8	2.9	-0.9	1.6	1.5	0.1	0.8	1.2	2.9	1.7
SER	-0.4	-0.2	-0.2	-0.2	0.1	-0.9	-0.2	-0.4	-0.9	-1.1	-1.1	0.0	-0.6
THR	-1.2	-1.2	1.5	-0.2	-0.8	1.1	0.7	0.6	1.1	-0.2	1.9	0.0	0.4
TYR	1.4	1.6	1.5	1.8	2.0	2.2	1.6	1.5	2.1	1.8	1.2	1.0	2.0
VAL	-0.4	-0.2	-0.2	-0.2	-0.8	0.1	-0.2	-0.4	0.1	-0.2	0.4	-1.0	-0.3