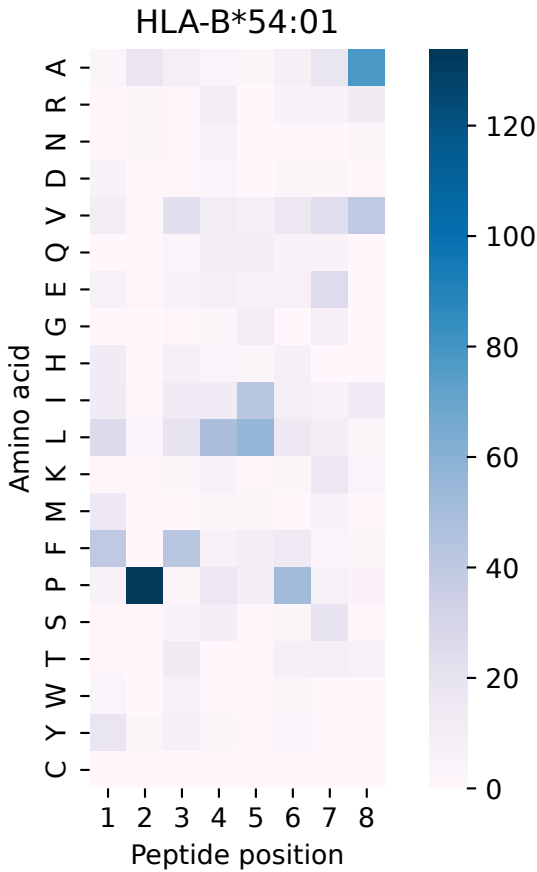
HLA-B*54:01
Amino acid
A
R
N
D
V
Q
E
G
H
I
L
K
M
F
P
S
T
W
Y
C
1
2
3
4
5
6
7
8
Peptide position
120
100
80
60
40
20
0