

| alpha_cluster | beta_cluster | epitope | antigen_species |
|---------------|--------------|-----------------|-----------------|
| 4 | 0 | LLWNGPMAV | YFV |
| 13 | 1 | PGVLLKEFTVSGNIL | HomoSapiens |
| 101 | 1 | KASEKIFYV | HomoSapiens |
| 28 | 2 | LTDEMIAQY | SARS-CoV-2 |
| 0 | 5 | FTSDYYQLY | SARS-CoV-2 |
| 3 | 5 | PKYVKQNTLKLAT | InfluenzaA |
| 13 | 5 | RLPGVLPRA | HomoSapiens |
| 28 | 5 | LTDEMIAQY | SARS-CoV-2 |
| 4 | 7 | KRWIIMGLNK | HIV-1 |
| 4 | 7 | LLWNGPMAV | YFV |
| 13 | 7 | RLPGVLPRA | HomoSapiens |