

alpha_cluster	beta_cluster	epitope	antigen_species
0	0	LLWNGPMAV	YFV
4	0	LLWNGPMAV	YFV
10	1	PGVLLKEFTVSGNIL	HomoSapiens
104	1	KASEKIFYV	HomoSapiens
29	2	LTDEMIAQY	SARS-CoV-2
0	5	FTSDYYQLY	SARS-CoV-2
3	5	PKYVKQNTLKLAT	InfluenzaA
10	5	RLPGVLPRA	HomoSapiens
29	5	LTDEMIAQY	SARS-CoV-2
0	7	LLWNGPMAV	YFV
4	7	KRWIIMGLNK	HIV-1
4	7	LLWNGPMAV	YFV
10	7	RLPGVLPRA	HomoSapiens