

CDR3 β sequences from bulk repertoire

CASSPNTGELFF V27 J2-2

CASSIRSSYEQYF V19 J2-7 Specific to GILGFVFTL ✓ →

CASSRDRATDTQYF V28 J2-3

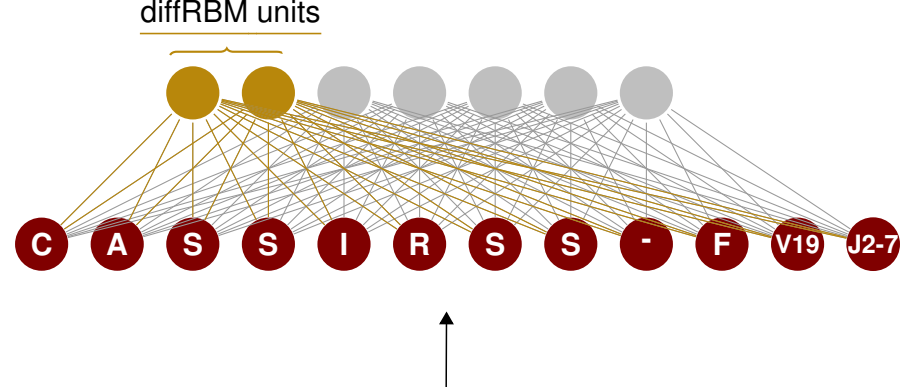
CASSPRRHGDTEAFF V14 J1-1

CASKQGSSYEQYF V6-6 J2-7

CASSPWDGNTEAFF V18 J1-1

Data from Emerson et al. 2017

Model of bulk repertoire



CDR3 β of TCRs specific to epitope GILGFVFTL

CASSIRSSYEQYF V19 J2-7

CASSQMTGLNTEAFF V28 J1-1

CASSRSAGELFF V19 J2-2

CASSGGRNQPHF V5-4 J1-5

CASSVRSSYEQYF V19 J2-7

CASSRSAYEQYF V19 J2-7

Data from VDJdb

Model of epitope specificity