a TRA residue index Contact frequency **ChiSQ** MI 928 1 47 0.95 0.0017 2 46 0.94 0.0015 779 3 43 0.11 580 0.0011 4 49 0.95 500 0.001 5 39 0.01 343 7e-04

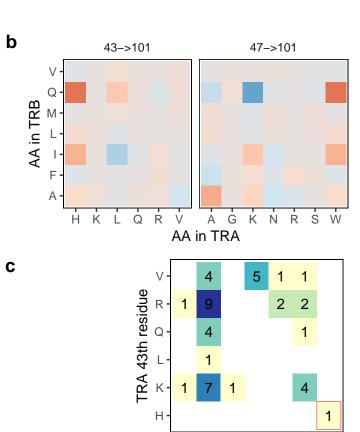
 $\log_2 n_O / n_E$ 1.5

1.0

0.5 0.0 -0.5

-1.0

-1.5



GKNRSW

TRA 47th residue