WT + YX-A-1 1D Contacts, cutoff ≤ 5 Å KCNTATCATQRLANFLVHSSNNFGAILSSTNVGSNTY NH2 0.5 total protein contact Contact Probability 0.4 protein sidechains protein backbone 0.3 0.2 0.1 0.0 25 30 35 10 15 20 Residue