scTM scores, 109 generated protein backbones length 17.5 long (> 70 aa)short ( $\leq$  70 aa) 15.0 12.5 10.0 7.5 5.0 2.5 0.0 0.15 0.40 0.45 0.10 0.20 0.25 0.30 0.35 0.50 Self-consistency TM score (scTM)