Kinases targets with significant improvement (n=19) Medium penalty distribution $\Delta score, i>1$ versus i=1Significant for medium penalty distribution 0.004 Significant for tight penalty distribution Significant for both $0.002 \frac{1}{1} = 2$ n=0Significance criteria p < 0.05 (n=5) Δ score > 0.001 0.001 0.000 n = 17-0.002 -0.0040.002 0.000 0.004

Tight penalty distribution \triangle score, i>1 versus i=1