## (A) Single perturbation prediction correlation Replogle K562 Adamson Replogle RPE1 1.00 +0.75 Delta 0.50 0.25 0.00 -0.25 LM with P from K562 Replogle LM with P from K562 Replogle LM with G,P from training LM with P from RPE1 Replogle LM with G,P from training LM with G,P from training GEARS scGPT