PERTUBATION SPACE: Lignocellulose hydrolysates fermentation **** **** ns 0.3 FITNESS: µmax (1/h) 0.2 0.1 0.0 ROBUSTNESS (µmax) -0.1-0.2 QDR1 MET28 **MRP13** HCM1 GBP2 OCA4 MSH3 SMA2 BCH1 WWM1 TIR3 CENPK RPS14A RPS14B **Expected** High R!=0 High R=0, high F controls Low R outcome: