**IRA1 MIS CIT1** 0.12 0.04 0.04 0.10 0.02 -0.02 Change in Respiration per Hour 0.08 0.00 0.06 0.04 -0.02 --0.020.02 -0.04-0.04-0.06 -0.06 -0.02 with MDH2,upstream\_gene\_variant -0.08 --0.08 -0.04

0.06

-0.05

0.00

0.05

Change in Respiration per Hour

0.10

0.00

-0.02

-0.04

0.02

Change in Fermentation per Hour

0.04

-0.02 0.00

-0.04

0.02

Change in Fermentation per Hour

0.04

0.06

without MDH2,upstream\_gene\_variant