$DGR0002: h2o[c]_{+} rna_{B}AC[c] -> h[c] + 0.267606 \ amp[c] + 0.197183 \ cmp[c] + 0.317684 \ gmp[c] + 0.217527 \ ump[c]$ **Biomass** Ехр Exp+sim Exp+resp Exp+resp+sim 0.2 0.6 8.0 0 0.4 1.2 1.4 1.6 RC01876: pi[c] + uri[c] <=> r1p[c] + ura[c] Biomass Exp Exp+sim Exp+resp Exp+resp+sim -6 -5 -4 -3 -2 0 2 3 4 RC01057: r1p[c] *<=> r5p[c] **Biomass** Exp Exp+sim Exp+resp Exp+resp+sim 2 -5 -4 -3 -2 -1 0 3 RC00978: $nadp[c] + 56dura[c] \iff h[c] + nadph[c] + ura[c]$ **Biomass** Exp Exp+sim Exp+resp Exp+resp+sim -0.9 -0.8 -0.7 -0.3 -0.2 -0.1 -0.6 -0.5 -0.4 0 RC02269: h2o[c] + 56dura[c] <=> h[c] + cala[c] Biomass Exp Exp+sim Exp+resp Exp+resp+sim 0 0.05 0.1 0.15 0.2 0.25 0.3 0.35 0.4 0.45 RC00905: 2 h[c] + h20[c] + cala[c] -> co2[c] + nh4[c] + ala-B[c]**★**Biomass Ехр Exp+sim Exp+resp

Exp+resp+sim

Biomass Exp Exp+sim Exp+resp Exp+resp+sim

0

-0.6

0.05

0.1

-0.4

0.15

-0.2

0.2

0.25

RM00908: $akg[m] + ala-R[m] \ll glu-L[m] + msa[m]$

0

flux

0.3

0.2

0.35

0.4

0.4

0.45

0.6