Constraints

bATG13 < 0

WULK1\_ATG13 + bATG13 > 0

bATG5 < 0

WULK1\_ATG5 + bATG5 > 0

bATM/ATR\_2 < 0

WDNAdamage\_high\_ATM/ATR\_2 +bATM/ATR\_2 > 0

WROS\_DNAdamage == 0

WTP53\_IGF1 == 0

bINSR > 0

-WlowNutrition\_INSR + bINSR < 0

bS6K1 < 0

WMTOR\_S6K1 + bS6K1 > 0

bTNF < 0

WNFKB1\_TNF + bTNF > 0

bHIPK2 < 0

WATM/ATR\_2 + bHIPK2 > 0

bG6PC < 0, |WFOXO3| > |bG6PC|

bGlucose < 0, |WSLC2A4| > |bGlucose|

bMAPK14 < 0, |WMAP2K3/MAP2K6| > |bMAPK14|

bNAD+ < 0, |WAMPK| > |bNAD+|

bSOD2 < 0, |WFOXO3| > |bSOD2|

bRHEB > 0, |WTSC2| > |bRHEB|

bTCA cycle < 0, |WGlycolysis| > |bTCA cycle|