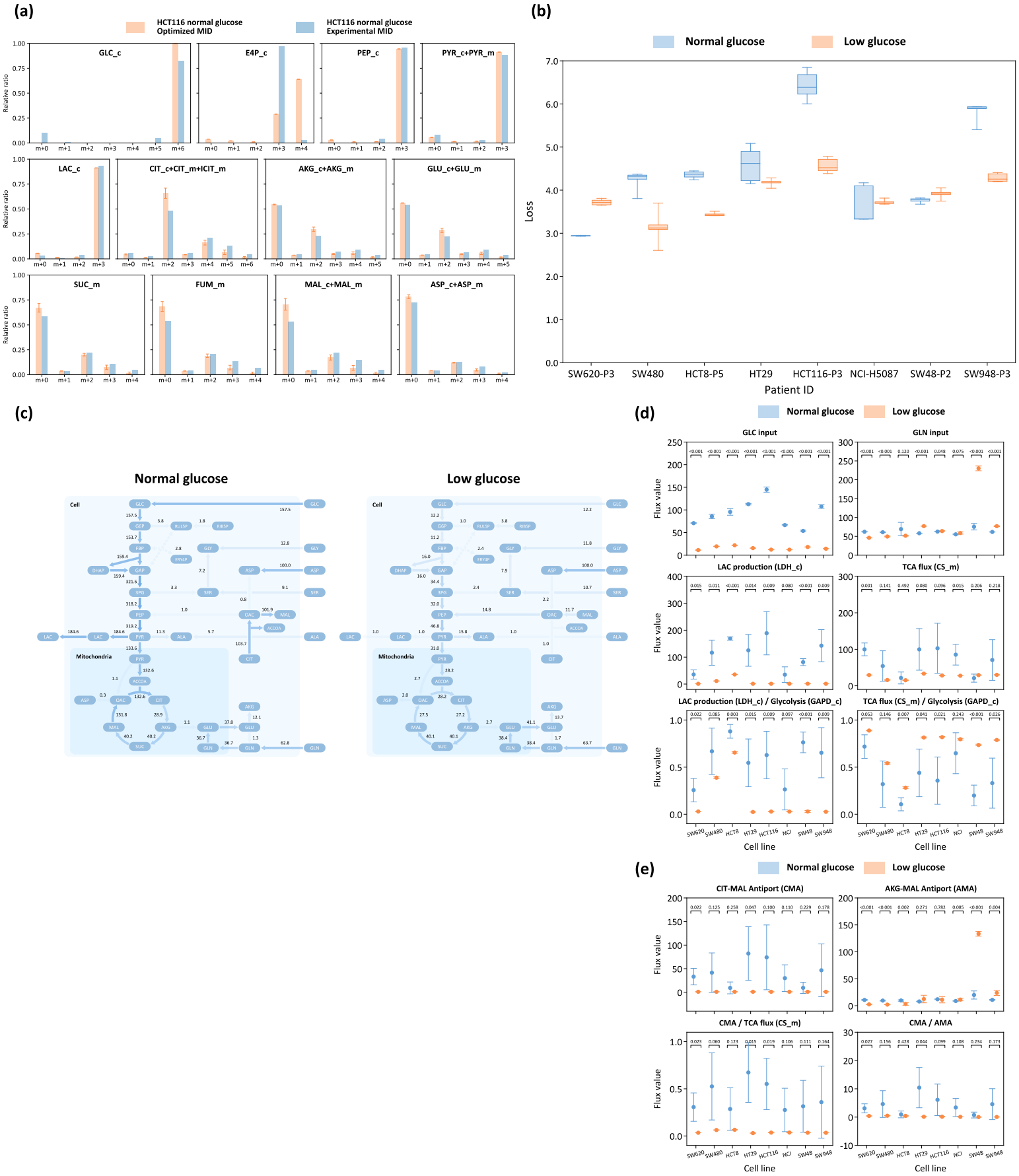
Figure S6


(a)
HCT116 normal glucose Optimized MID
HCT116 normal glucose Experimental MID
GLC_c
E4P_c
PEP_c
PYR_c+PYR_m
LAC_c
CIT_c+CIT_m+ICIT_m
AKG_c+AKG_m
GLU_c+GLU_m
SUC_m
FUM_m
MAL_c+MAL_m
ASP_c+ASP_m
Relative ratio
(b)
Normal glucose
Low glucose
Loss
SW620-P3
SW480
HCT8-P5
HT29
HCT116-P3
NCI-H5087
SW48-P2
SW948-P3
Patient ID
(c)
Normal glucose
Low glucose
Cell
Mitochondria
(d)
Normal glucose
Low glucose
GLC input
GLN input
LAC production (LDH_c)
TCA flux (CS_m)
LAC production (LDH_c) / Glycolysis (GAPD_c)
TCA flux (CS_m) / Glycolysis (GAPD_c)
Flux value
Cell line
(e)
Normal glucose
Low glucose
CIT-MAL Antiport (CMA)
AKG-MAL Antiport (AMA)
CMA / TCA flux (CS_m)
CMA / AMA
Flux value
Cell line