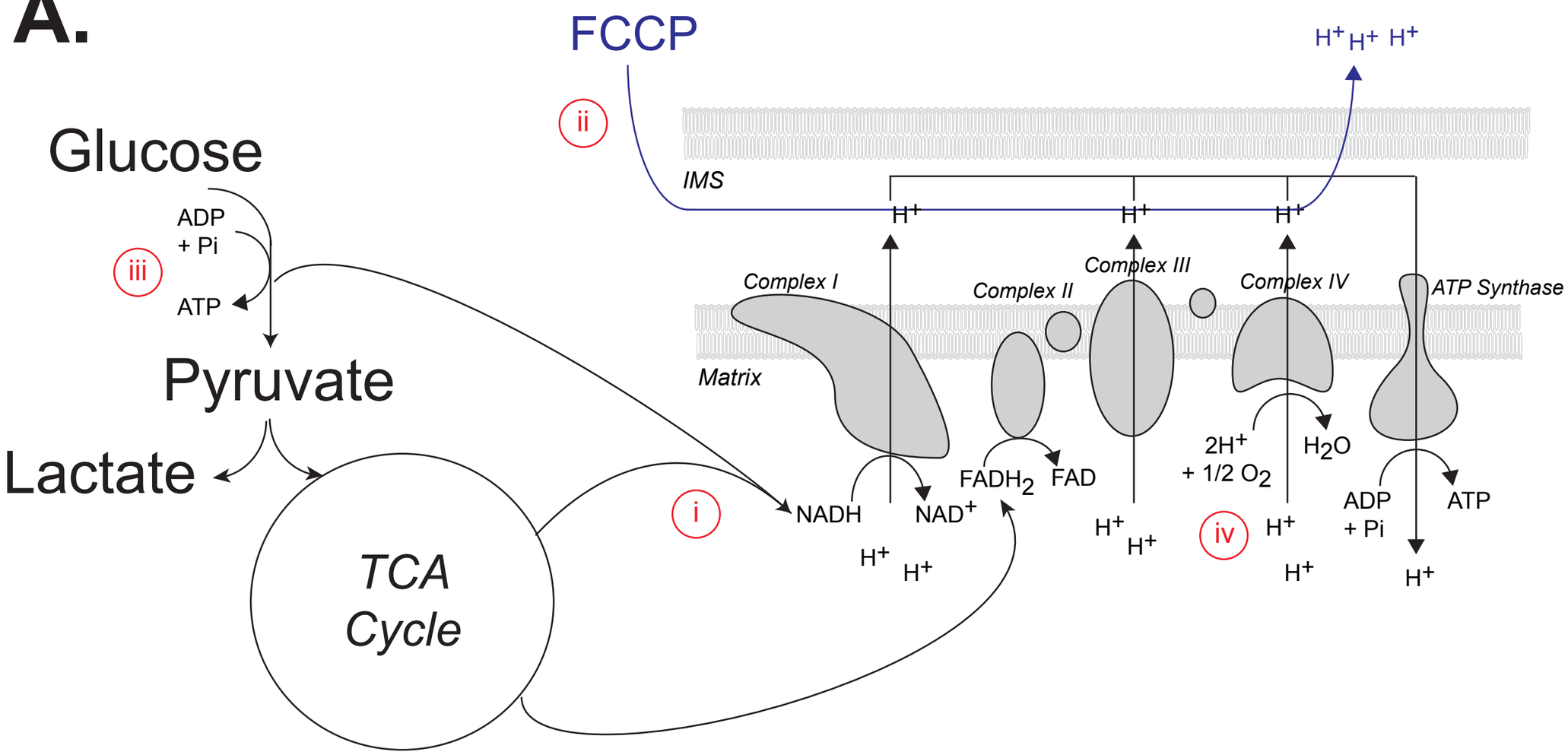
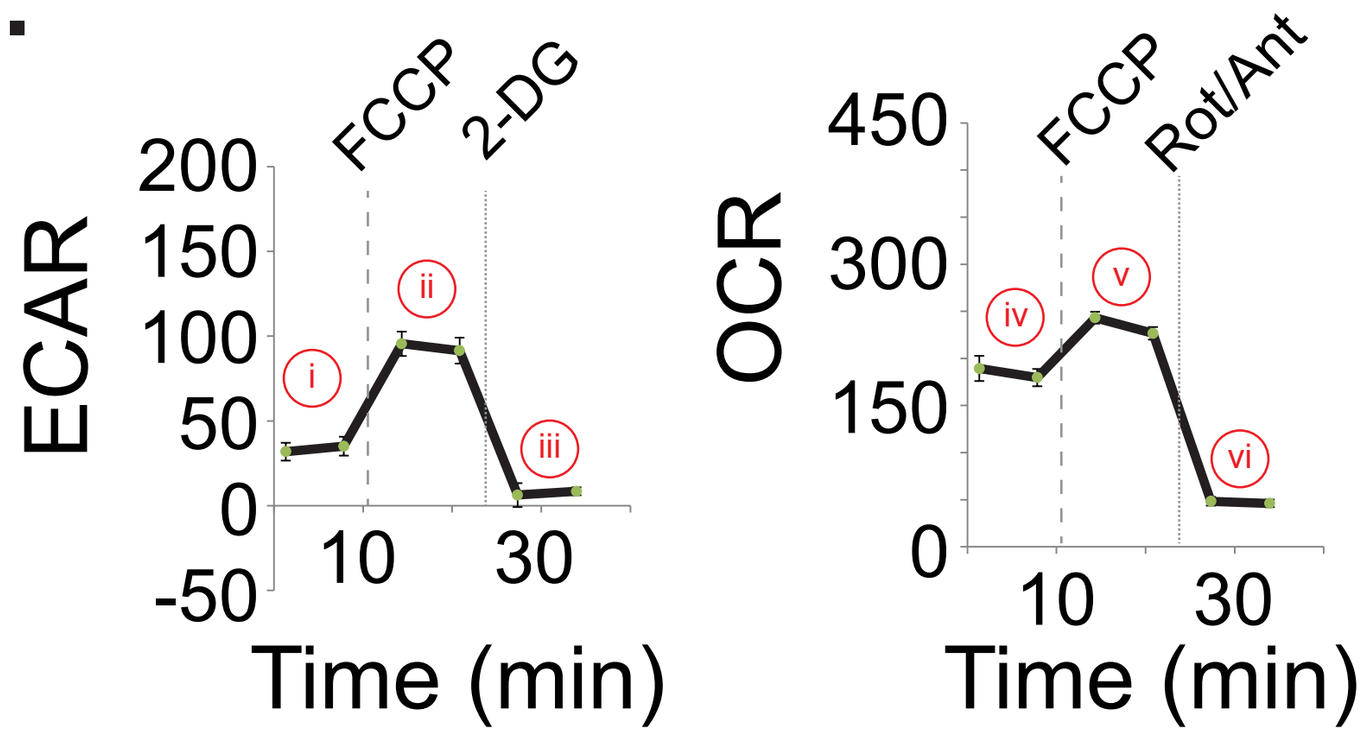
Figure S2


A.
FCCP
ii
H^+ H^+ H^+
Glucose
ADP
+ Pi
iii
ATP
IMS
H^+
H^+
H^+
Complex I
Complex II
Complex III
Complex IV
ATP Synthase
Matrix
Pyruvate
Lactate
TCA
Cycle
i
NADH
NAD^+
$FADH_2$
FAD
$2H^+$
+ 1/2 O_2
H_2O
iv
ADP
+ Pi
ATP
H^+
H^+
H^+
H^+
H^+
H^+
H^+
H^+


B.
ECAR
200
150
100
50
0
-50
FCCP
2-DG
i
ii
iii
10
30
Time (min)
OCR
450
300
150
0
FCCP
Rot/Ant
iv
v
vi
10
30
Time (min)