

2016-03-25

D+mt: NFSGpTm_1D 20Oct 3M 4c 5P 6G 7S 8Gp 9U 10Rot 11Ama 12Tm 13Azd

E						9U	10Rot	11Ama	12Tm	13Azd	
P	1D	20Oct	3M+c	5P	6G	7S	8Gp				
L											
	ROX	F	F	NF	NF	NFS	NFSGp	SGp	ROX	Tm	ROX
	ROX	FAO	FAO	CI	CI	CI&II	CI&II	CII	ROX	CIV	ROX
			&FAO	&FAO	&FAO	&FAO	&FAO&Gp	&GpDH			

Sample mt=Isolated mitochondria, RP2-Imt:

O2k and DatLab file: P___(A / B) 2016-								
Experimental code:								
Operator:								
MiR: MiR05+CtlCr								
Event	Mark name	State	Final conc. 2 ml O2k	Stock [mM]	Comment	Tit. [μl]	A	B
MiR								
O2			~200 μM					
D			2.5 mM	500		10		
mt	1D	ROX						
Oct	20Oct	Oct _p	0.5 mM	100		10		
M.05	3M.05	Oct _p	0.05 mM	50		2		
M.1	3M.1	Oct _p	0.1 mM	50		2		
M2	3M2	Oct _p	2 mM	400		9.5		
c	4c	Oct _{pc}	10 μM	4		5		
NADH	4NADH	Oct _{pcNADH}	2.8 mM	280	NADH only if FCF _c > .1	20		
P	5P	PMOct _p	5 mM	2000		5		
G	6G	PGMOct _p	10 mM	2000		10		
S	7S	PGMSOct _p	50 mM	1000		100		
Gp	8Gp	PGMSOctGp _p	10 mM	1000		20		
U	9U	PGMSOctGp _E	Δ0.5 μM	1	CCCP	Δ1		
Rot	10Rot	SGp _E	0.5 μM	1		1		
Ama	11Ama	ROX	2.5 μM	5		1		
O2			~200 μM					
As			2 mM	800		5		
Tm	12Tm	Tm _E	0.5 mM	200	~20 min	5		
Azd	13Azd	ROX	≥100 mM	4000	~10 min	100		
O2	14Azd	ROX	~200 μM		> 50 μM			