

2016-03-25

PM +mt: NFSGpTm_1PM 2D 3c 4U 5G 6S 7Oct 8Rot 9Gp 10Ama 11Tm 12Azd

E	4U	5G	6S	7Oct	8Rot	9Gp	10Ama	11Tm	12Azd
P	2D+c								
L	1PM								
	N	N	NS	NFS	S	SGp	ROX	Tm	ROX
	CI	CI	CI&II	CI&II &FAO	CII	CII &GpDH	ROX	CIV	ROX

Sample mt=Isolated mitochondria, RP1-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					
P			5 mM	2000		5		
M			2 mM	400		10		
mt	1PM	PM_L						
D	2D	PM_P	2.5 mM	500		10		
c	3c	PM_{Pc}	10 μM	4		5		
NADH	3NADH	PM_{PcNADH}	2.8 mM	280	NADH only if $FCF_c > .1$	20		
U	4U	PM_E	Δ0.5 μM	1	CCCP	Δ1		
G	5G	PGM_E	10 mM	2000		10		
S	6S	PGMS_E	50 mM	1000		100		
Oct	7Oct	PGMSOct_E	0.5 mM	100		10		
Rot	8Rot	S_E	0.5 μM	1		1		
Gp	9Gp	SGp_E	10 mM	1000		20		
Ama	10Ama	ROX	2.5 μM	5		1		
As			2 mM	800		5		
Tm	11Tm	Tm_E	0.5 mM	200	~20 min	5		
Azd	12Azd	ROX	≥100 mM	4000	~10 min	100		
O2	13Azd	ROX	~200 μM		> 50 μM			