SUIT NFSGpCIV-RP1: PM(LPE) F-S-Gp control; N: PGM, F=Oct

2016-01-30

PM+mt: NSFGpCIV_1PM 2D 3c 4U 5F 6G 7S 8Rot 9Gp 10Ama 11Tm 12Azd

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

Sample mt=Permeabilized fibres, RP1-Pfi:

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			~450 µM					
P			5 mM	2000		5		
M			2 mM	400		10		
mt								
O2	**1PM**	PM_L	~450 µM					
D	**2D**	PM_P	7.5 mM	500		30		
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 µl		
Oct	**5Oct**	$PMOct_E$	0.5 mM	100		10		
G	**6G**	$PGMOct_E$	10 mM	2000		10		
S	**7S**	$PGMSOct_E$	50 mM	1000		100		
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		
O2			~450 µM					
As			2 mM	800		5		
Tm	**11Tm**	CIV_E	0.5 mM	200	~20 min	5		
Azd	**12Azd**	ROX	≥100 mM	4000	~10 min	100		
O2	**13Azd**	ROX	~450 µM		400 -> 250 µM			