

SUIT NFSGpCIV-RP2: F-PGSGp substrate control; N: PGM, F=Oct 2016-01-30

D+mt: NFSGpCIV_1D 20Oct 3M 4c 5P 6G 7S 8U 9Gp 10Rot 11Ama 12Tm 13Azd

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

Sample mt=Permeabilized fibres, RP2-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					
D			7.5 mM	500		30		
mt								
O2	1D	ROX	~450 µM					
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	3c	Oct _{pc}	10 µM	4		5		
NADH	3NADH	Oct _{pcNADH}	2.8 mM	280	NADH only if FCF _c >.1	20		
P	4P	PMOct _p	5 mM	2000		5		
G	5G	PGMOct _p	10 mM	2000		10		
S	6S	PGMSOct _p	50 mM	1000		100		
U	7U	PGMSOct _E	Δ0.5 µM	1	CCCP	Δ1 µl		
Gp	8Gp	PGMSOctGp _E	10 mM	1000		20		
Rot	9Rot	SGp _E	0.5 µM	1		1		
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			