

SUIT-RP1: CI(LPE) substrate control

2016-01-25

0Ce +PM +Dig 1PM 2D 2c (2NADH) 3U 4Oct 5G 6S 7Rot 8Gp 9Ama 10Tm 11Azd

<b>E</b>	<b>3U</b>	<b>4Oct</b>	<b>5G</b>	<b>6S</b>	<b>7Rot</b>	<b>8Gp</b>	<b>9Ama</b>	<b>10Tm</b>	<b>11Azd</b>
<b>P</b>	<b>2D+c</b>								
<b>L</b>	<b>1PM</b>								
	CI	CI &FAO	CI &FAO	CI&II &FAO	CII	CII &Gp	ROX	CIV	ROX

**Sample mt=Permeabilized cells, RP1-Pc:**

<b>O2k and DatLab file: P___( A / B ) 2016-</b>								
<b>Experimental code:</b>								
<b>Operator:</b>								
<b>MiR: MiR05+CtlCr</b>								
Event	Mark name	LPE	Final conc. 2 ml O2k	Stock [mM]	Comment	Tit. [µl]	A	B
MiR								
O2			~200 µM					
Ce	0Ce	R						
P			5 mM	2000		5		
M			2 mM	400		10		
Dig	1PM	L		8.1				
D	2D	P	7.5 mM	500		30		
c	2c	P	10 µM	4		5		
NADH	2NADH	P	2.8 mM	280	NADH only if $FCF_c > .1$	20		
U	3U	E	Δ0.5 µM	1	CCCP	Δ1 µl		
Oct	4Oct	E	0.5 mM	100		10		
G	5G	E	10 mM	2000		10		
S	6S	E	50 mM	1000		100		
Rot	7Rot	E	0.5 µM	1		1		
Gp	8Gp	E	10 mM	1000		20		
Ama	9Ama	ROX	2.5 µM	5		1		
O2			~200 µM					
As			2 mM	800		5		
Tm	10Tm	E	0.5 mM	200	~20 min	5		
Azd	11Azd	ROX	≥100 mM	4000	~10 min	100		
O2	12Azd	ROX	~200 µM		-> 50 µM			