

2016-07-01

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 |       | Tm   |       |
| CI   | +    | +  | +  | +    | -    | -   | -     | -    | -     |
| CETF | -    | -  | -  | +    | -    | -   | -     | -    | -     |
| CII  | -    | -  | +  | +    | +    | +   | -     | -    | -     |
| GpDH | -    | -  | -  | -    | -    | +   | -     | -    | -     |

| Event |  | Mark name | State                | Final conc. 2 ml O2k | Stock [mM] | Comment                           | Tit. [μl] | A | B |
|-------|--|-----------|----------------------|----------------------|------------|-----------------------------------|-----------|---|---|
| MiR   |  |           |                      |                      |            |                                   |           |   |   |
| O2    |  |           |                      | ~200 μM              |            | ~450 μM O <sub>2</sub> for Pfi    |           |   |   |
| P     |  |           |                      | 5 mM                 | 2000       |                                   | 5         |   |   |
| M     |  | 0         |                      | 2 mM                 | 400        |                                   | 10        |   |   |
| mt    |  |           |                      |                      |            |                                   |           |   |   |
| O2    |  | 1PM       | PM <sub>L</sub>      |                      |            | ~450 μM O <sub>2</sub> for Pfi    |           |   |   |
| D     |  | 2D        | PM <sub>P</sub>      | 2.5 mM               | 500        | 7.5 mM (30 μl) for Pfi            | 10        |   |   |
| c     |  | 3c        | PM <sub>Pc</sub>     | 10 μM                | 4          | NADH only if FCF <sub>c</sub> >.1 | 5         |   |   |
| U     |  | 4U        | PM <sub>E</sub>      | Δ0.5 μM              | 1          | CCCP                              | Δ1        |   |   |
| G     |  | 5G        | PGM <sub>E</sub>     | 10 mM                | 2000       |                                   | 10        |   |   |
| S     |  | 6S        | PGMS <sub>E</sub>    | 50 mM                | 1000       |                                   | 100       |   |   |
| Oct   |  | 7Oct      | PGMSOct <sub>E</sub> | 0.5 mM               | 100        |                                   | 10        |   |   |
| Rot   |  | 8Rot      | S <sub>E</sub>       | 0.5 μM               | 1          |                                   | 1         |   |   |
| Gp    |  | 9Gp       | SGp <sub>E</sub>     | 10 mM                | 1000       |                                   | 20        |   |   |
| Ama   |  | 10Ama     | ROX                  | 2.5 μM               | 5          |                                   | 1         |   |   |
| As    |  |           |                      | 2 mM                 | 800        |                                   | 5         |   |   |
| Tm    |  |           |                      | 0.5 mM               | 200        | ~20 min open, C                   | 5         |   |   |
| C     |  | 11Tm      | Tm <sub>E</sub>      |                      |            | ~450 μM O <sub>2</sub> for Pfi    |           |   |   |
| Azd   |  | 12Azd     | ROX                  | ≥100 mM              | 4000       | ~5 min                            | 100       |   |   |