K permeability (4mM ATP in pipette)

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **File Name** | **File name** | **Solution** | **Time of recording (mins)** | **File name** | **Solution** | **Time of recording**  **(Mins)** | **Notes** |
| Cell 1 | 14n12047 | Standard bath | (0-10) | 14n12045 | High K | (0-10) | Standard cl pipette with ATP pipette |
| Cell 2 | 14n13014 |  | 0-10 | 14n13012 |  | 0-10 |  |
| Cell 3 | 14n18025 |  | 0-10 | 14n18023 |  | 0-10 |  |
|  |  |  |  |  |  |  |  |
| Cell 5 | 14n21004 |  | 5-15 | 14n21003 |  | 0-10 |  |
| Cell 6 | 14n21011 |  | 0-10 | 14n21010 |  | 1-11 |  |
| Cell 7 | 14n24019 |  | 2-12 | 14n24018 |  | 0-10 |  |
| Cell 8 | 14n27003 |  | 0-10 | 14n27002 |  | 0-10 |  |
| Cell 9 | **14d01012** |  | **1-11** | 14d01011 |  | **1-11** |  |
|  |  |  |  |  |  |  |  |

Cl Permeability

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **File Name** | **File name** | **Solution** | **Time of recording (mins)** | **File name** | **Solution** | **Time of recording**  **(Mins)** | **Notes** |
| Cell 1 | 14n12034 |  | 0-10 | 14n12032 |  | 1-11 |  |
| Cell 2 | 14n18005 |  | 0-10 | 14n18003 |  | 0-10 | Not great |
| Cell 3 | 14n18018 |  | 0-10 | 14n18017 |  | 0-10 |  |
|  |  |  |  |  |  |  |  |
| Cell 5 | 14n19010 |  | 2-12 | 14n19009 |  | 0-10 |  |
| Cell 6 | 14n19025 |  | 0-10 | 14n19024 |  | 0-10 |  |
| Cell 7 | 14n26013 |  | 0-10 | 14n26010 |  | 2-12 |  |
| Cell 8 | 14n27005 |  | 0-10 | 14n27004 |  | 0-10 |  |
| Cell 9 | 14n27009 |  | 10-20 | 14n27008 |  | 0-10 |  |
| Cell 4 |  |  |  | 14n19003 |  | 0-10 |  |

Na Permeability

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **File Name** | **File name** | **Solution** | **Time of recording (mins)** | **File name** | **Solution** | **Time of recording**  **(Mins)** | **Notes** |
| Cell 1 | 14n12027 |  | 0-10 | 14n12025 |  | 0-10 |  |
| Cell 2 | 14n13018 |  | 1-11 | 14n13022 |  | 0-10 |  |
| Cell 3 | 14n26003 |  | 0-10 | 14n26002 |  | 0-10 |  |
| Cell 4 | 14n27024 |  | 10-20 | 14n27022 |  | 4-14 |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Cell 7 | 14d03014 |  | 5-15 | 14d03013 |  | 1-11 |  |
| Cell 8 | 14d03018 |  | 2-12 | 14d03017 |  | 0-10 |  |
| Cell 6 |  |  |  | 14d01015 |  | 0-10 |  |
|  |  |  |  |  |  |  |  |