Low cl (ATP-Ca-Cl)

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Cell number | Recording number | Solution | Time | Recording number | Solution | Time | Time | Notes |
| 1 | 14n07010 | SB | 0-10 | 14n07009 | Low cl | 0-10 | 15mins | Same cell as cell 1 in high k |
| 2 | 14n07020 |  | 0-10 | 14n07019 |  | 0-10 | 15mins | Not much cl permeability |
| 3 | 14n07032 |  | 0-10 | 14n07031 |  | 2-12 | 15 mins | Same cell as cell 3 in high k |
| 4 | 14n08004 |  | 1-11 | 14n08003 | Low cl | 1.43-11.43 | 15 mins | Not sure what to make of this cell  Same cell as cell 4 in high k |
| 5 | 14n08012 |  | 0-10 | 14n08009 |  | 0-10 | 16mins | Same cell as cell 4 in low Na |
| 6 | 14n08017 |  | 2-12 | 14n08016 |  | 9-19 | 15mins | Same cell as cell 5 in high k |
|  |  |  |  |  |  |  |  |  |
| 8 |  |  |  |  |  |  |  |  |
| 9 | 14n10033 |  | 0-10 | 14n10032 |  | 1.8 -11.8 | 14mins |  |
| 7 |  |  |  | 14n08030 |  | 0-10 | 30mina | Same cell as cell 6 in high k & and cell 6 low Na |
|  |  |  |  |  |  |  |  |  |

High K (ATP-Ca-K)

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| Cell number | Recording number | Solution | Time | Recording number | Solution | Time |  | Notes |
| 1 | 14n07012 | SB | 0-10 | 14n07011 | High K | 0-10 |  |  |
|  |  |  |  |  |  |  |  |  |
| 3 | 14n07034 |  | 0-10 | 14n07033 |  | 0-10 |  |  |
| 4 | 14n08004 |  | 1-11 | 14n08005 |  | 0-10 |  |  |
| 5 | 14n08019 |  | 2-12 | 14n08018 |  | 0-10 |  |  |
| 6 | 14n08029 |  | 0-10 | 14n08026 |  | 0-10 |  | Noise stayed low and huge difference in mV ion channel related? |
| 7 | 14n08042 |  | 1-11 | 14n08040 |  | 0-10 |  |  |
| 8 | 14n08054 |  | 2-12 | 14n08052 |  | 1-11 |  | Same cell as cell 8 in low Na |
| 9 |  |  |  | 14n11003 |  | 0-10 |  |  |
| 2 |  |  |  | 14n07023 |  | 0-10 |  |  |

Low Na

|  |  |  |  |  |  |  |  |  |
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| Cell number | Recording number | Solution | Time | Recording number | Solution | Time |  | Notes |
| 1 | 14n07037 | sb | 0-10 | 14n07035 | Na free | 0-10 |  | Vm Opposite to ENa |
| 2 | 14n07044 |  | 0-10 | 14n07043 |  | 0-10 |  |  |
| 3 | 14n07049 |  | 0-10 | 14n07048 |  | 0-10 |  |  |
| 4 | 14n08012 |  | 0-10 | 14n08011 |  | 0-10 |  |  |
| 5 | 14n08019 |  | 2-12 | 14n08020 |  | 0-10 |  | Vm Opposite to ENa |
|  |  |  |  |  |  |  |  |  |
| 7 | 14n08047 |  | 2-12 | 14n08046 |  | 0-10 |  |  |
| 8 | 14n08054 |  | 2-12 | 14n08055 |  | 3-13 |  | Vm Opposite to ENa |
| 9 | 14n10057 |  | 0-10 | 14n10056 |  | 0-10 |  |  |
| 6 |  |  |  | 14n08035 |  | 9-19 |  | Vm Opposite to ENa |