



2 11 13

Kv11

Kv11

1

4-8Hz

8-12Hz

Kv11

2

Kv11

3

Kv11

2020 11 5
Physiology London

The Journal of

Kv11 (ether- -go-go-related gene) voltage-dependent K⁺ channels promote resonance and oscillation of subthreshold membrane potentials

1 2 3 4 4 4

3 2 1

- 1.
- 2.
- 3.
- 4.

4-8Hz

8-12Hz

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Kv11

3

Kv11

HEK293

HEK293

1A

Kv11

HEK293
1B D

Kv11

Kv11

3

Kv11.1

Kv11.2

Kv11.3

Kv11.1
1B Kv11.3

HEK293

3Hz

1D

0.8Hz

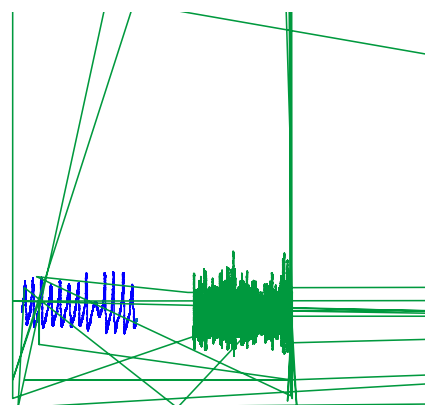
Kv11

Kv11.3

IO

Kv11

Kv11



1 Kv11

HEK293

C,D

1.

1 10Hz

2

3.

inferior olive: IO

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