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**Table 3**
**Pulse settings for electroporation.**

No.	Tissue impedance	Poring pulse					Transferring pulse				
		Voltage (V)	Pulse duration (ms)	Interval (ms)	Number of pulse	Polarity switch	Voltage (V)	Pulse duration (ms)	Interval (ms)	Number of pulse	Polarity switch
<b>GENE PULSER XCELL ELECTROPORATOR, FOR EEP</b>											
1	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	70	25	1 s	5	No
<b>NEPA21 ELECTROPORATOR, FOR EEP</b>											
2	n.a.	100	0.1	999.9	2 × 1	Yes	20	5	95	2 × 25	Yes
<b>NEPA21 ELECTROPORATOR, FOR IEP, PORING VOLTAGE CALCULATED FOR MAXIMUM CURRENT OF 6 mA</b>											
3	6–9 kΩ	36	0.1	999.9	2 × 1	Yes	7.2	1	99	2 × 50	Yes
4	9–12 kΩ	54	0.1	999.9	2 × 1	Yes	10.8	1	99	2 × 50	Yes
5	12–16 kΩ	72	0.1	999.9	2 × 1	Yes	14.4	1	99	2 × 50	Yes
6	16–20 kΩ	96	0.1	999.9	2 × 1	Yes	19.2	1	99	2 × 50	Yes
7	20–25 kΩ	120	0.1	999.9	2 × 1	Yes	24	1	99	2 × 50	Yes
8	25–30 kΩ	150	0.1	999.9	2 × 1	Yes	30	1	99	2 × 50	Yes
9	30–36 kΩ	180	0.1	999.9	2 × 1	Yes	36	1	99	2 × 50	Yes
10	36–42 kΩ	216	0.1	999.9	2 × 1	Yes	43.2	1	99	2 × 50	Yes
11	42–50 kΩ	252	0.1	999.9	2 × 1	Yes	50.4	1	99	2 × 50	Yes
12	>50 kΩ	300	0.1	999.9	2 × 1	Yes	60	1	99	2 × 50	Yes

n.a., not applicable. Settings #6 and #7 were used most frequently for IEP.