Fig. 1

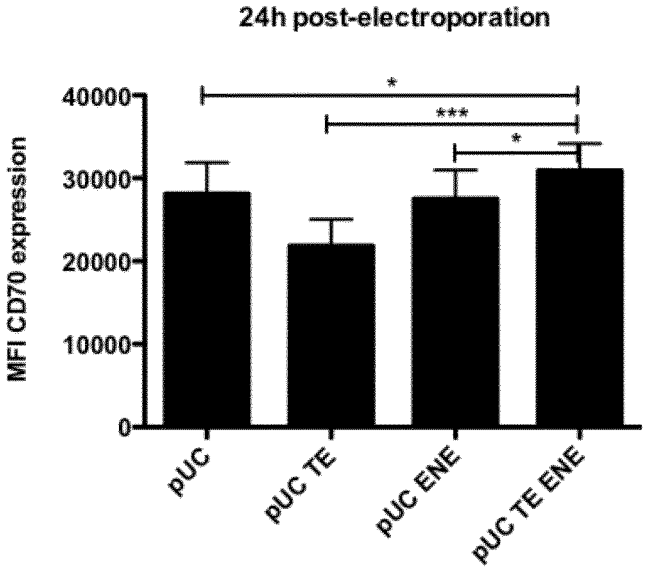
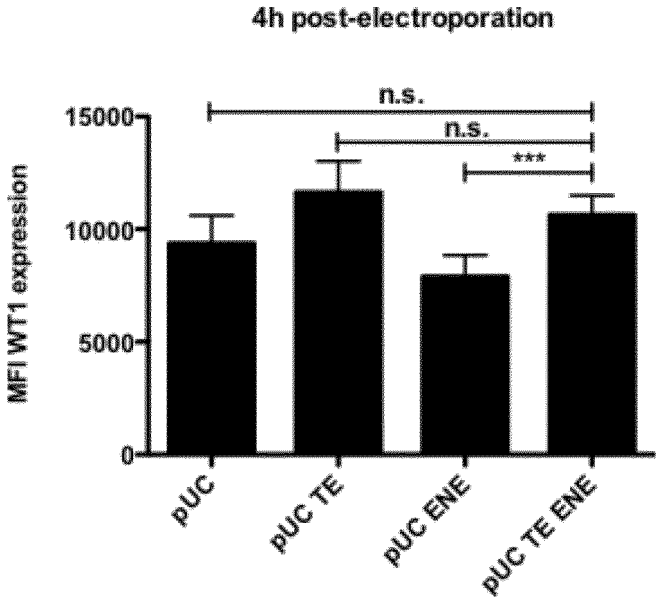
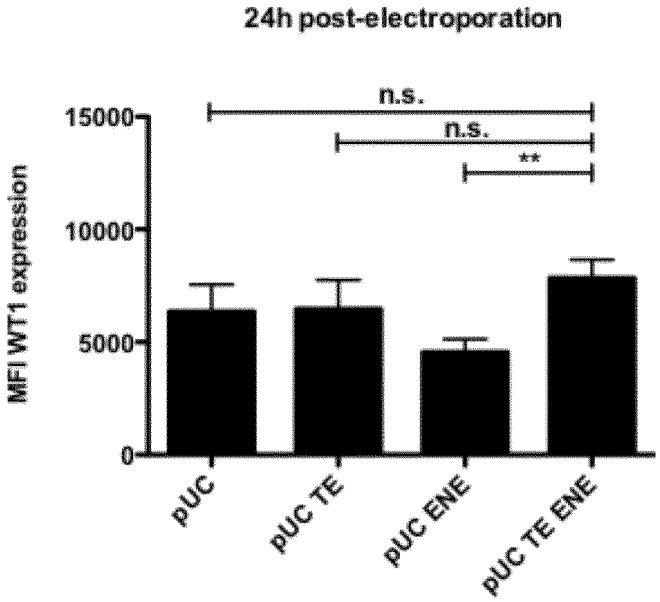

24h post-electroporation
MFI CD70 expression
40000
30000
20000
10000
0
*
***
*
pUC
pUC TE
pUC ENE
pUC TE ENE

Fig. 2

A


4h post-electroporation
MFI WT1 expression
15000
10000
5000
0
n.s.
n.s.
***
pUC
pUC TE
pUC ENE
pUC TE ENE

B


24h post-electroporation
n.s.
n.s.
**
15000
10000
5000
0
MFI WT1 expression
pUC
pUC TE
pUC ENE
pUC TE ENE

C

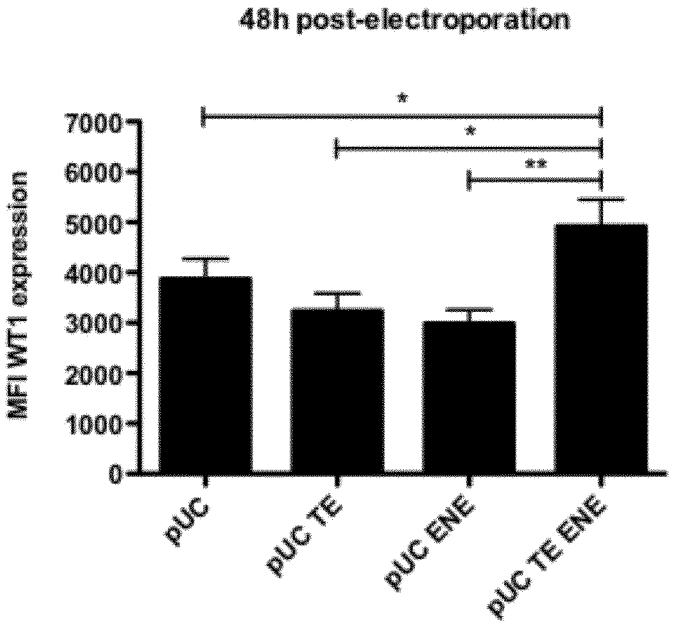

48h post-electroporation
*
*
**
7000
6000
5000
4000
3000
2000
1000
0
MFI WT1 expression
pUC
pUC TE
pUC ENE
pUC TE ENE

Fig. 3

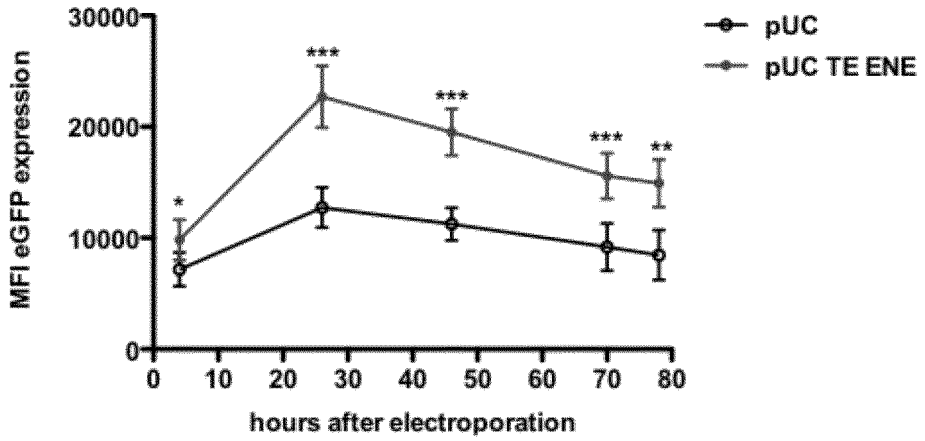
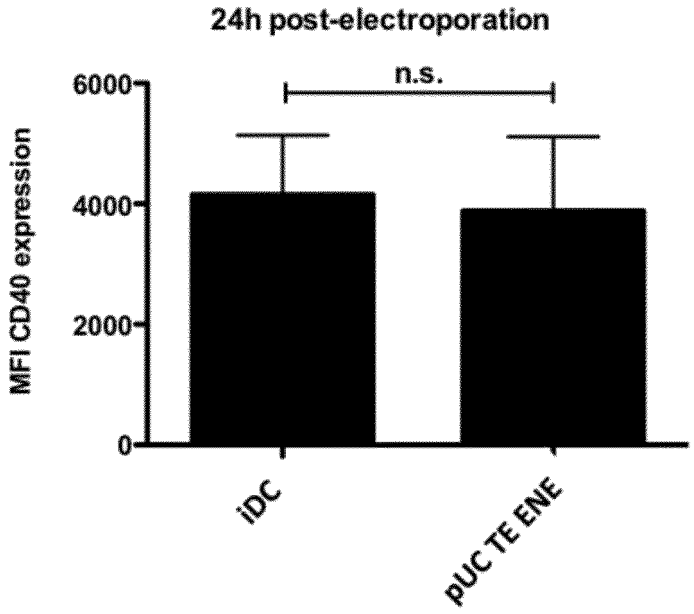
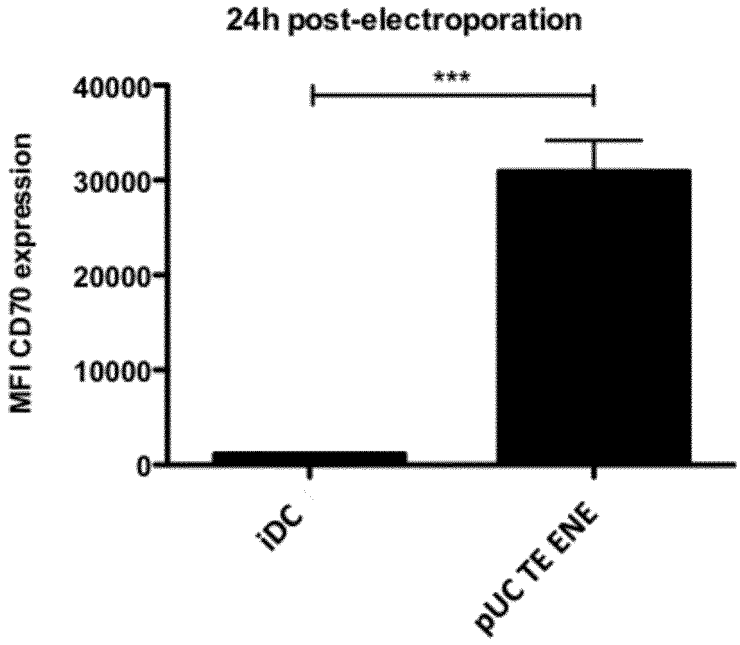

30000
20000
10000
0
MFI eGFP expression
0 10 20 30 40 50 60 70 80
hours after electroporation
*
***
***
***
**
pUC
pUC TE ENE

Fig. 4

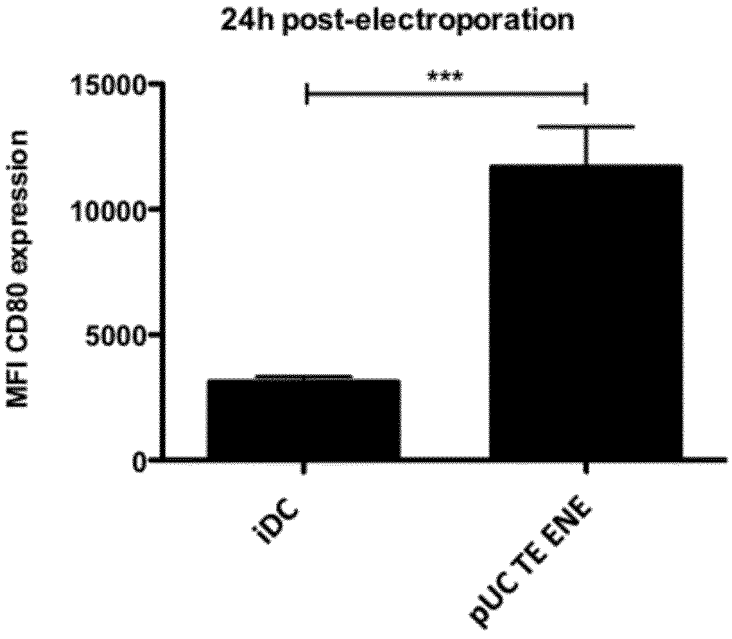
A


24h post-electroporation
n.s.
6000
4000
2000
0
MFI CD40 expression
iDC
pUC TE ENE

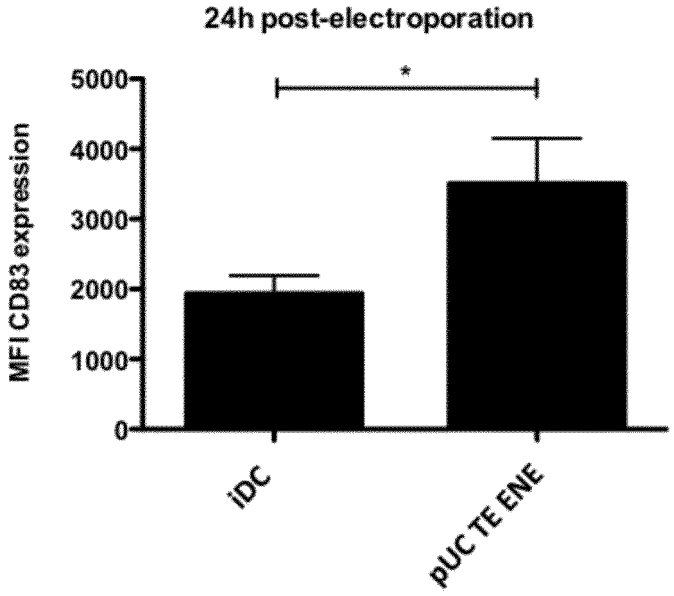
B


24h post-electroporation
***
40000
30000
20000
10000
0
MFI CD70 expression
iDC
pUC TE ENE

C


24h post-electroporation
***
15000
10000
5000
0
MFI CD80 expression
iDC
pUC TE ENE

D


24h post-electroporation
*
MFI CD83 expression
5000
4000
3000
2000
1000
0
iDC
pUC TE ENE

E

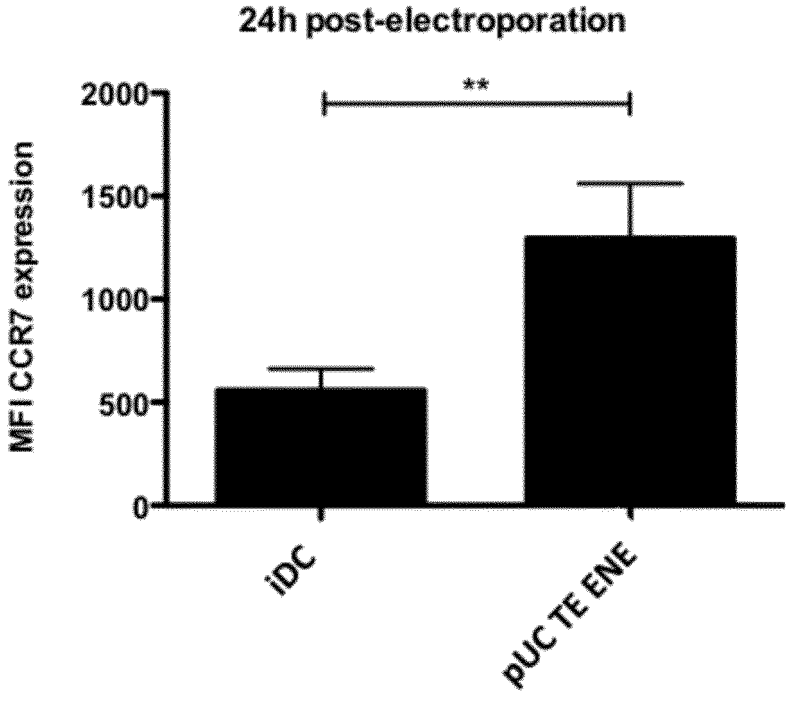
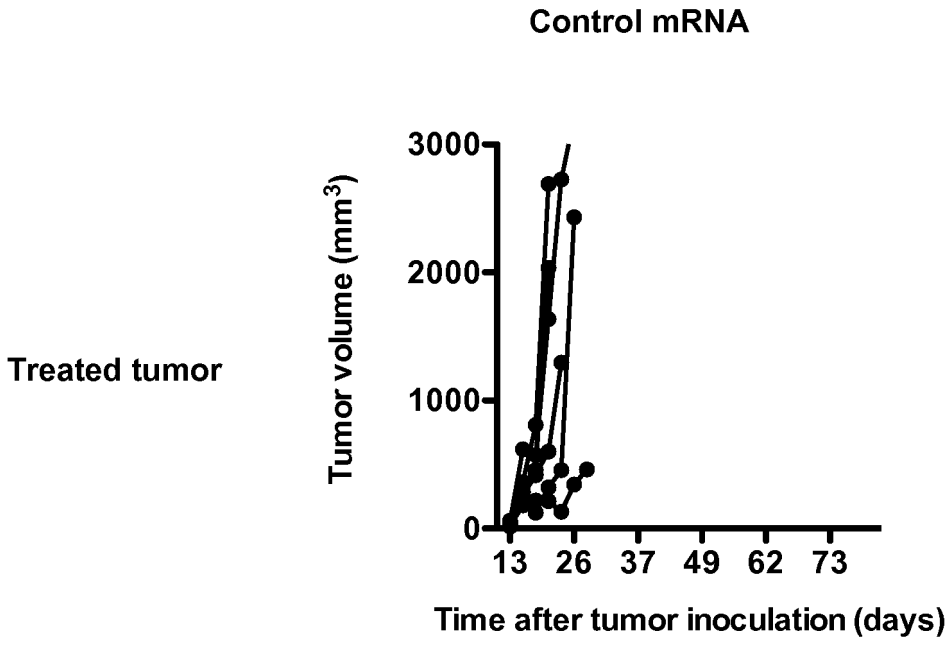
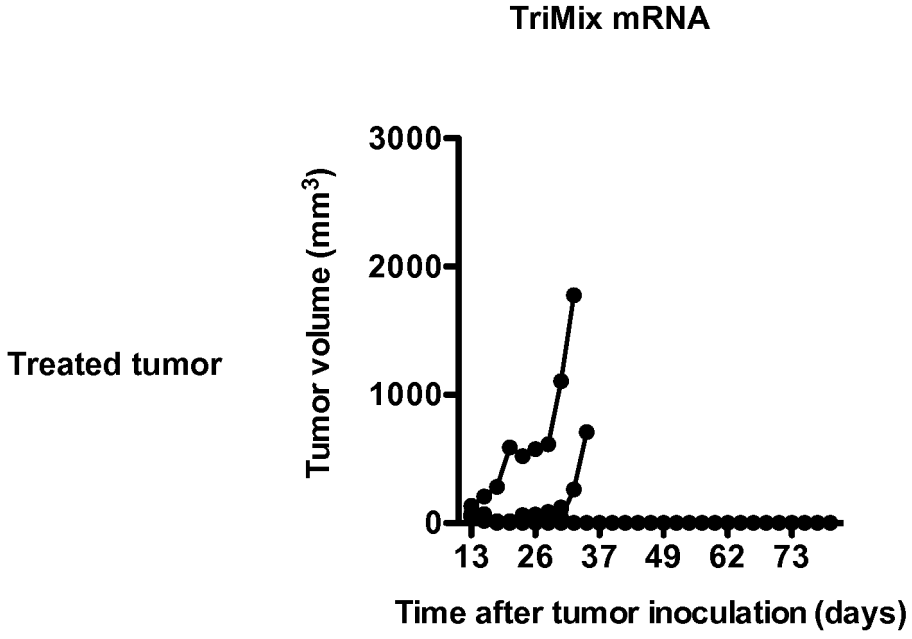

24h post-electroporation
**
MFI CCR7 expression
2000
1500
1000
500
0
iDC
pUC TE ENE

Fig. 5

A

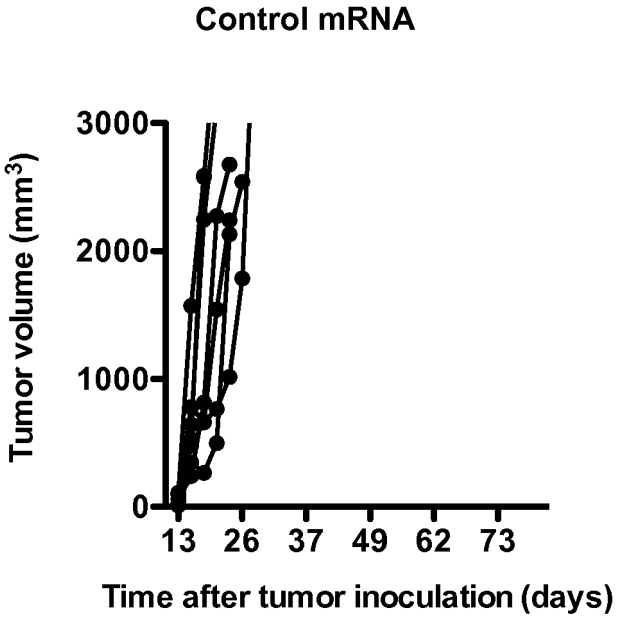

Control mRNA
Treated tumor
Tumor volume (mm3)
3000
2000
1000
0
13 26 37 49 62 73
Time after tumor inoculation (days)

B


TriMix mRNA
Treated tumor
Tumor volume (mm3)
3000
2000
1000
0
13 26 37 49 62 73
Time after tumor inoculation (days)

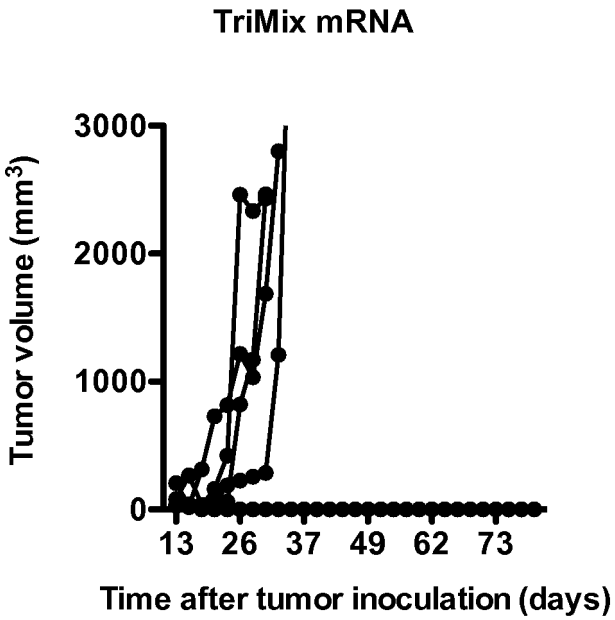
C

Contralateral
Non-treated tumor

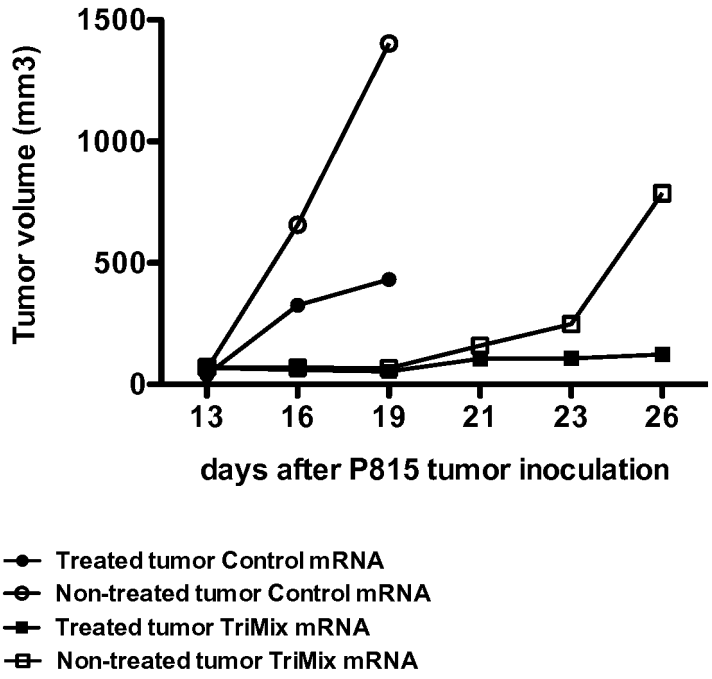


D

Contralateral
Non-treated tumor



E


1500
1000
500
0
Tumor volume (mm3)
13
16
19
21
23
26
days after P815 tumor inoculation
Treated tumor Control mRNA
Non-treated tumor Control mRNA
Treated tumor TriMix mRNA
Non-treated tumor TriMix mRNA

F

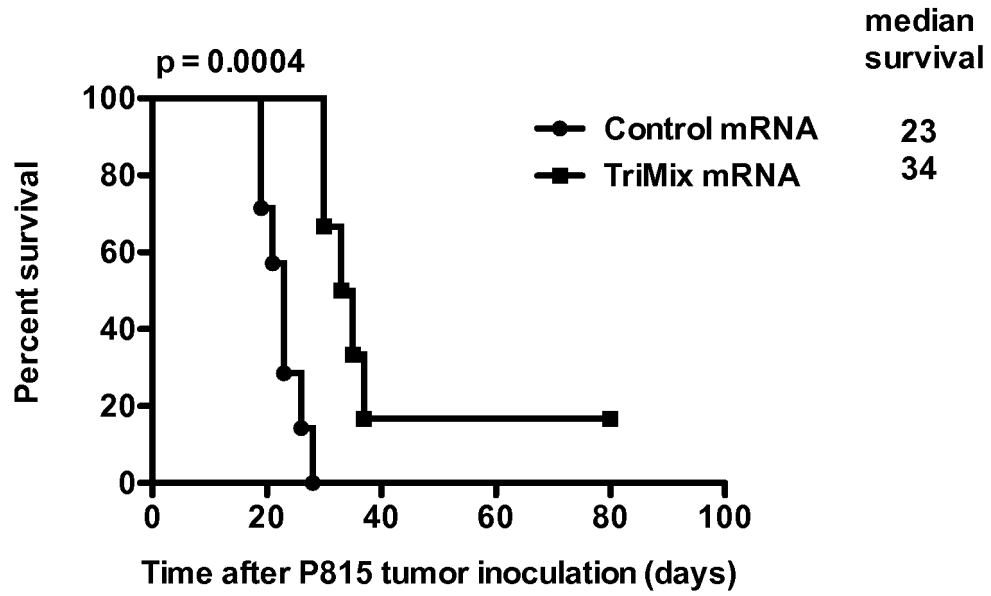
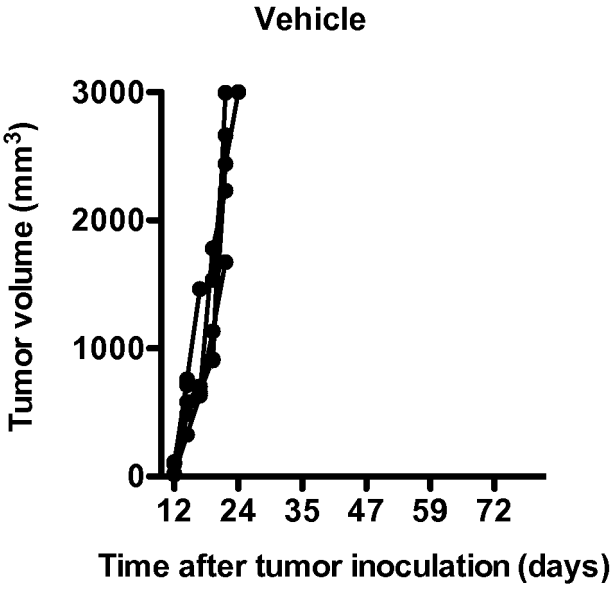

median survival
p = 0.0004
Control mRNA 23
TriMix mRNA 34
100
80
60
40
20
0
Percent survival
0
20
40
60
80
100
Time after P815 tumor inoculation (days)

Fig. 6

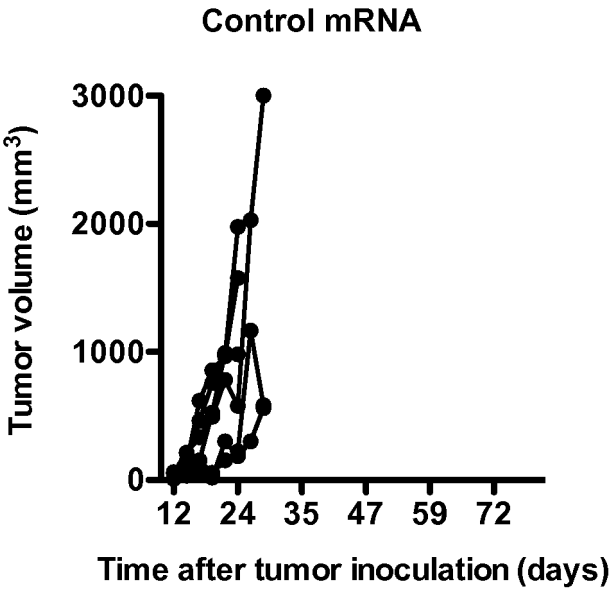
A

Treated tumor

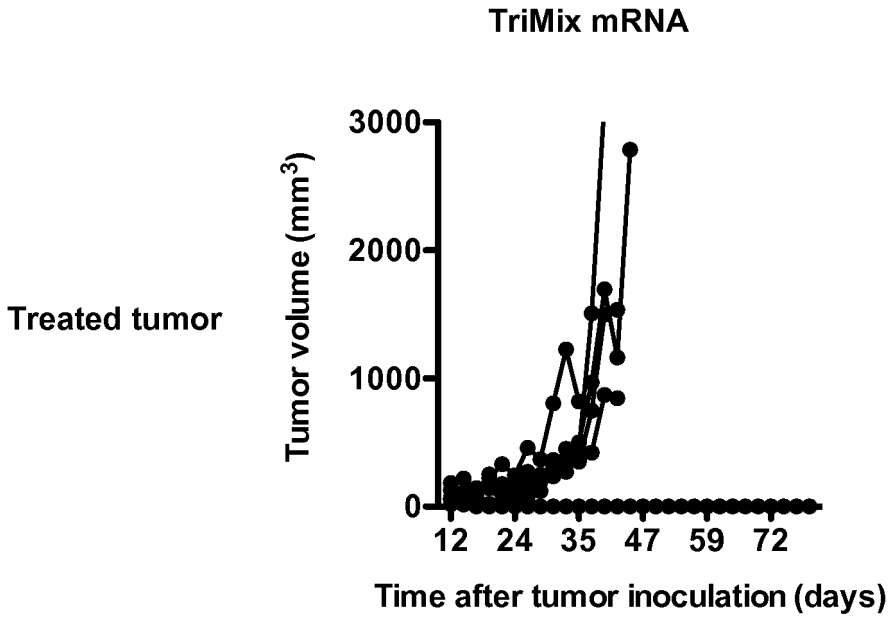


B

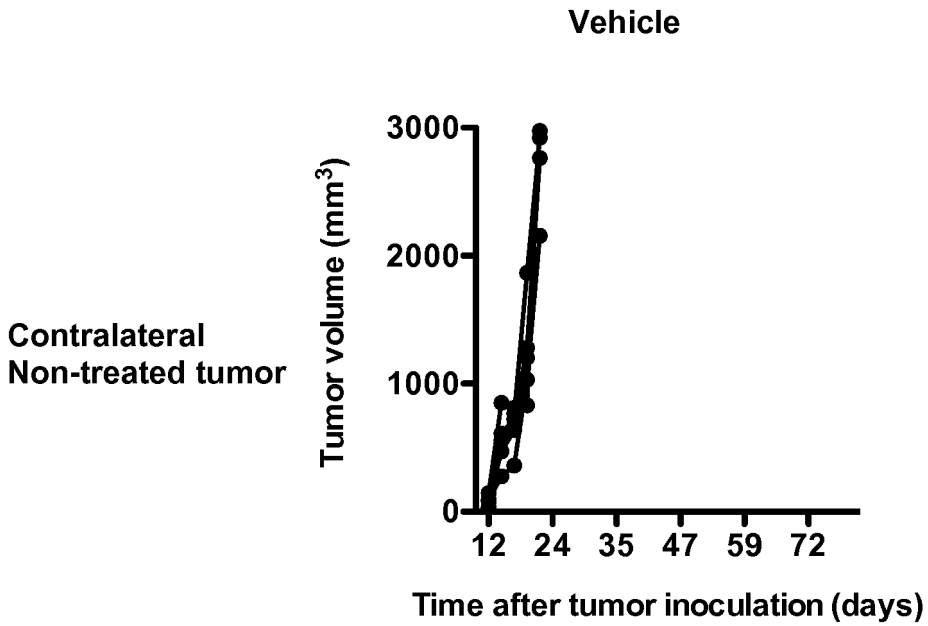
Treated tumor



C

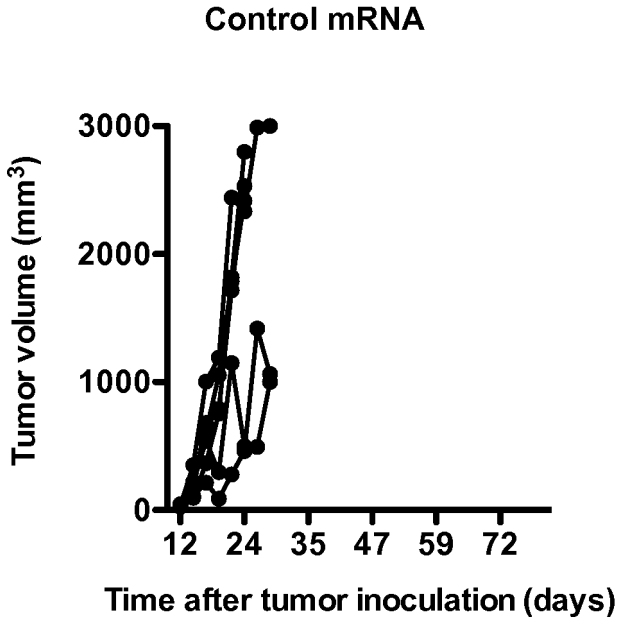

TriMix mRNA
Treated tumor
Tumor volume (mm3)
3000
2000
1000
0
12 24 35 47 59 72
Time after tumor inoculation (days)

D


Vehicle
Contralateral
Non-treated tumor
Tumor volume (mm3)
3000
2000
1000
0
12 24 35 47 59 72
Time after tumor inoculation (days)

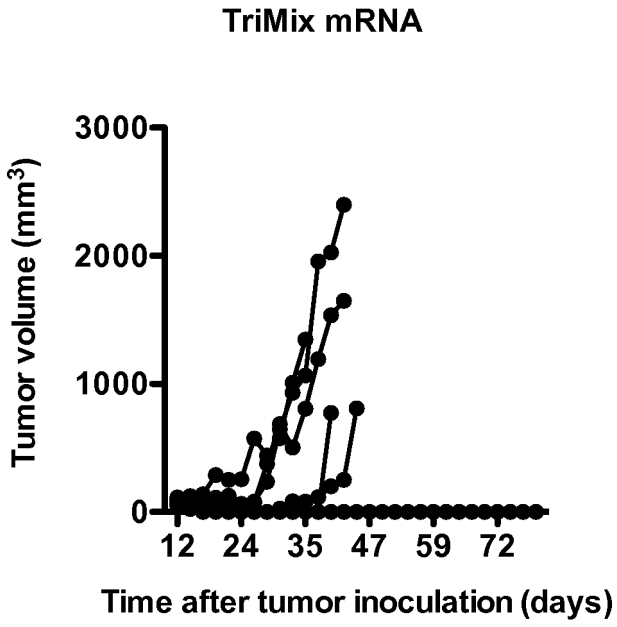
E

Contralateral
Non-treated tumor

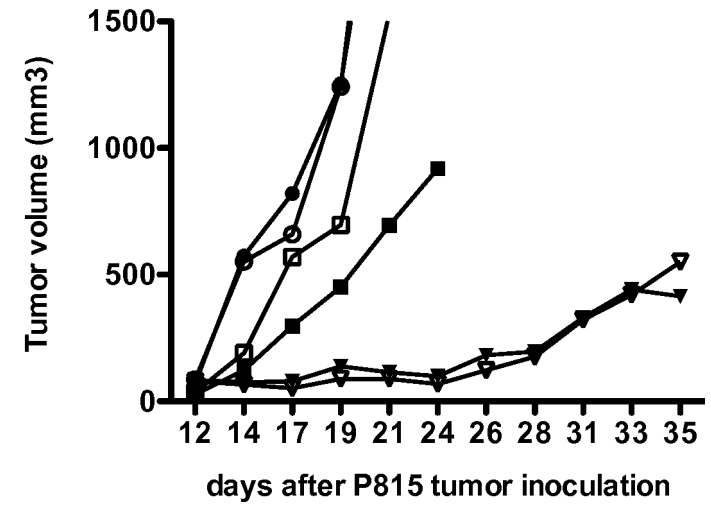


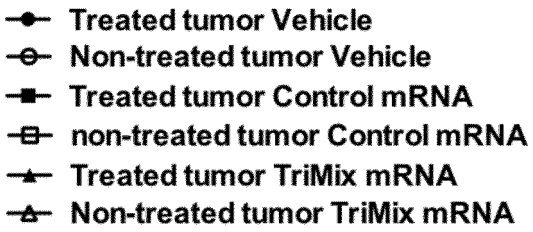
F

Contralateral
Non-treated tumor



G


1500
1000
500
0
Tumor volume (mm3)
12 14 17 19 21 24 26 28 31 33 35
days after P815 tumor inoculation


Treated tumor Vehicle
Non-treated tumor Vehicle
Treated tumor Control mRNA
non-treated tumor Control mRNA
Treated tumor TriMix mRNA
Non-treated tumor TriMix mRNA

H

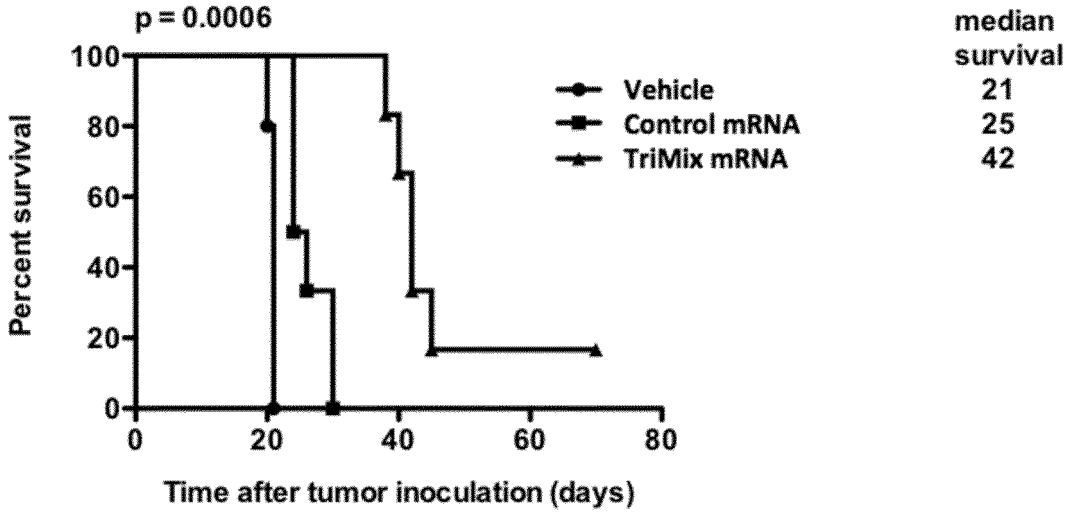

p = 0.0006
median survival
Vehicle 21
Control mRNA 25
TriMix mRNA 42
100
80
60
40
20
0
Percent survival
0 20 40 60 80
Time after tumor inoculation (days)

Fig. 7

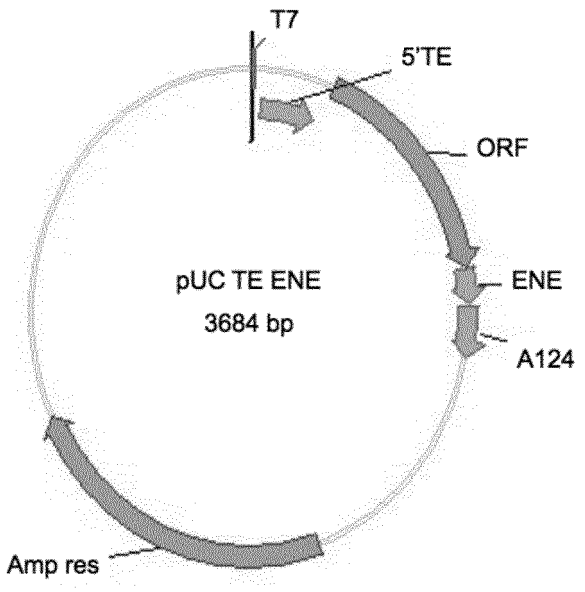


Fig. 8

SEQ ID N° 1:	100%	89%	92%
SEQ ID N° 2:	89%	100%	99%
SEQ ID N° 3:	92%	99%	100%

```
SEQ ID N°3    AAGCTTTAATACGACTCACTATAGGGCCGGCGGAATTCTGACATCCGGCGGAATTCTGAC
SEQ ID N°1    ------------------------ggCCGGCGGGTTTCTGACATCCGGCGGGTTTCTGAC
SEQ ID N°2    AAGCTTTAATACGACTCACTATAGGGCCGGCGGGTTTCTGACATCCGGCGGGTTTCTGAC
                                       *********.:*****************.:*******

SEQ ID N°3    ATCCGGCGGAATTCTGACATCCGGCGGAATTCTGACATCCGGCGGAA-------TTCTGAC
SEQ ID N°1    ATCCGGCGGGTTTCTGACATCCGGCGGGTTTCTGACATCCGGCGGGTGAATTCTTCTGAC
SEQ ID N°2    ATCCGGCGGGTTTCTGACATCCGGCGGGTTTCTGACATCCGGCGGGT-------TTCTGAC
              *********.:*****************.:*****************.:       *******

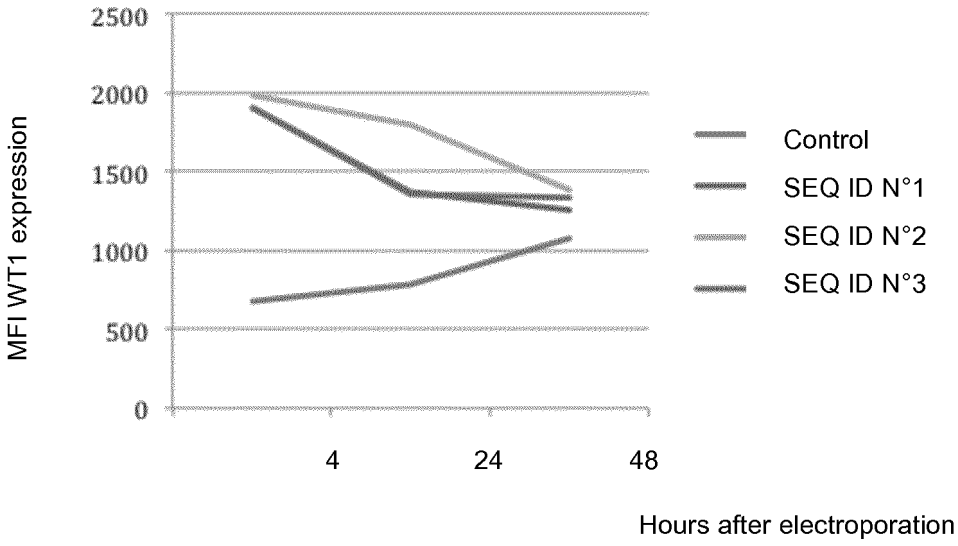
SEQ ID N°3    ATCCGGCGGAATTCTGACATCCGGCGGAATTCTGACATCCGGCGGAATTCTGACATCCGG
SEQ ID N°1    ATCCGGCGGGTTTCTGACATCCGGCGGGTTTCTGACATCCGGCGGGTTTCTGACATCCGG
SEQ ID N°2    ATCCGGCGGGTTTCTGACATCCGGCGGGTTTCTGACATCCGGCGGGTTTCTGACATCCGG
              *********.:*****************.:*****************.:**************

SEQ ID N°3    CGGAATTCTGACATCCGGCGGAATTCTGACATTCACAACCAGGCCTCCACAACCATGGCT
SEQ ID N°1    CGGGTTTCTGACATCCGGCGGGTGAC------TCACAACCAGGCCTCCACAACc------
SEQ ID N°2    CGGGTTTCTGACATCCGGCGGGTTTCTGACATTCACAACCAGGCCTCCACAACCATGGCT
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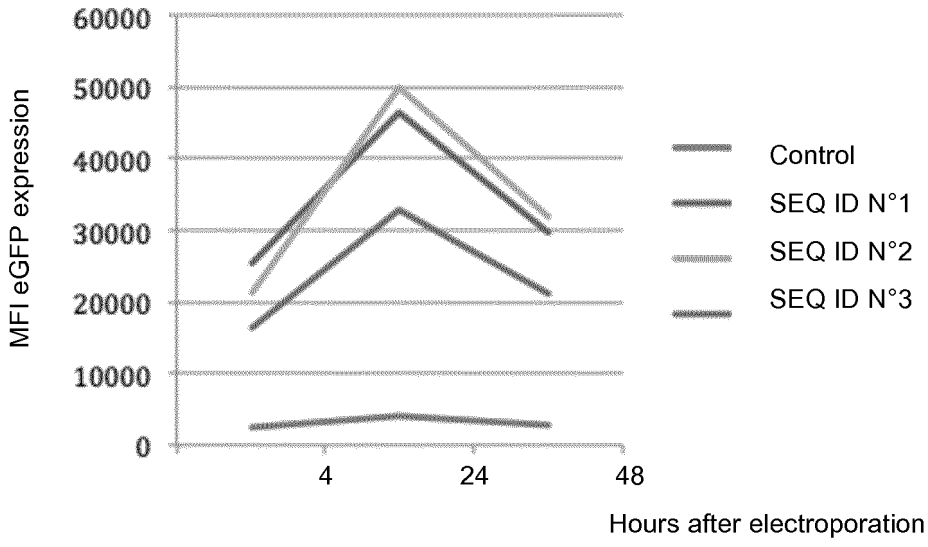
SEQ ID N°3    CGAG
SEQ ID N°1    ----
SEQ ID N°2    CGAG
```

Fig. 9

A


2500
2000
1500
1000
500
0
MFI WT1 expression
4
24
48
Hours after electroporation
Control
SEQ ID N°1
SEQ ID N°2
SEQ ID N°3

B


60000
50000
40000
30000
20000
10000
0
MFI eGFP expression
4
24
48
Hours after electroporation
Control
SEQ ID N°1
SEQ ID N°2
SEQ ID N°3