Fig. 1

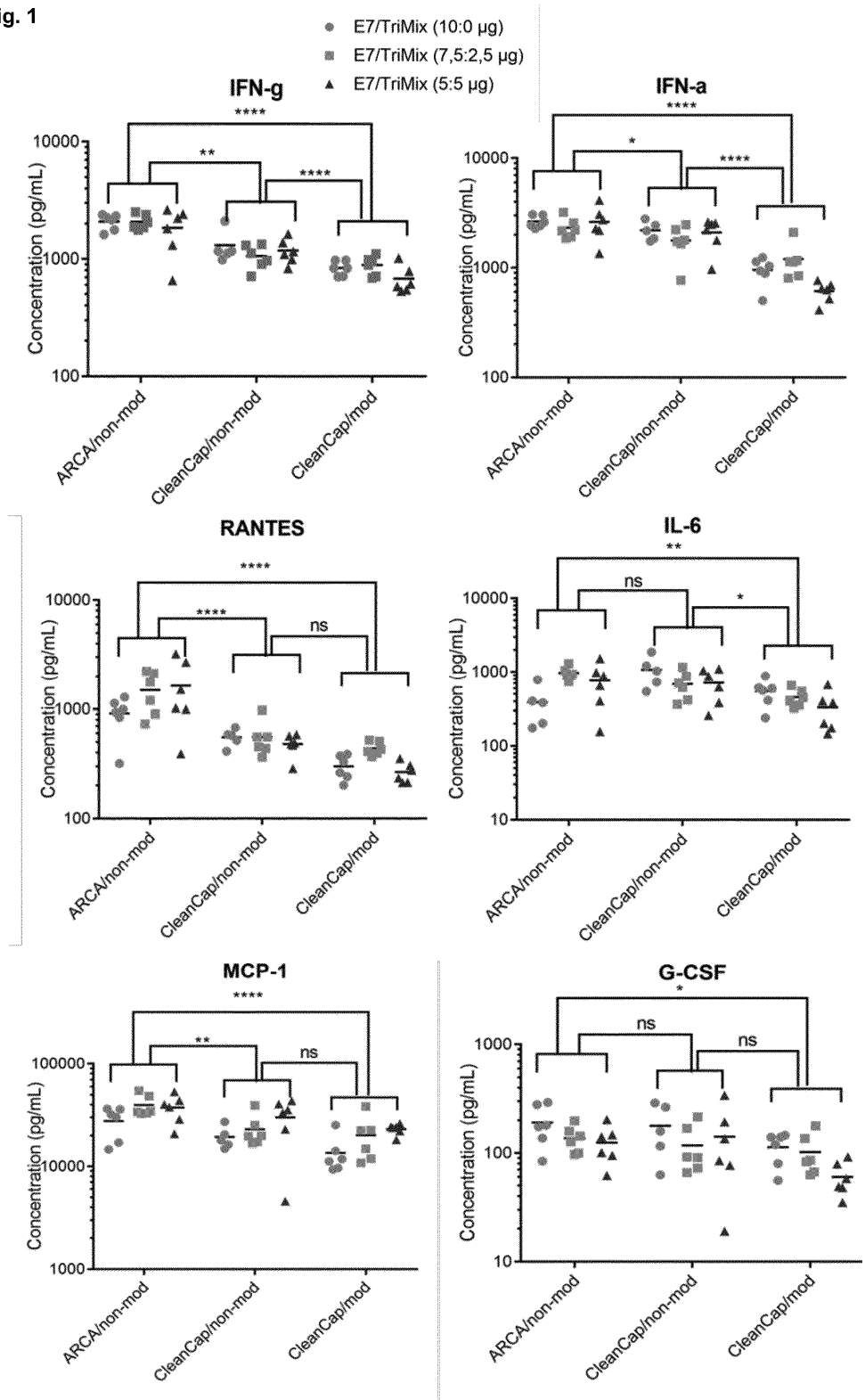

E7/TriMix (10:0 µg)
E7/TriMix (7,5:2,5 µg)
E7/TriMix (5:5 µg)
IFN-g
IFN-a
RANTES
IL-6
MCP-1
G-CSF
Concentration (pg/mL)
ARCA/non-mod
CleanCap/non-mod
CleanCap/mod
ns

Fig. 2

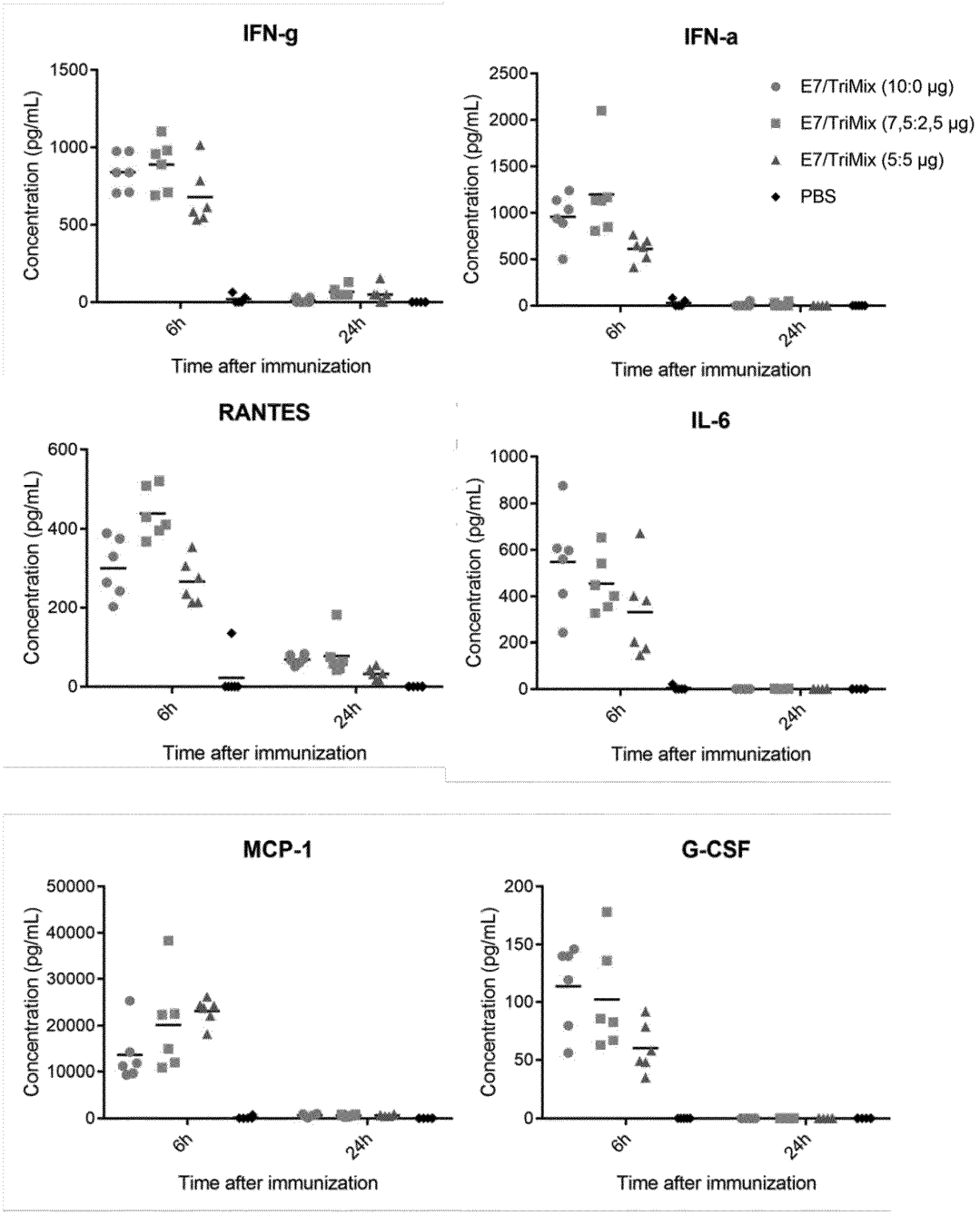

IFN-g
IFN-a
RANTES
IL-6
MCP-1
G-CSF
Concentration (pg/mL)
Time after immunization
6h
24h
E7/TriMix (10:0 µg)
E7/TriMix (7,5:2,5 µg)
E7/TriMix (5:5 µg)
PBS

Fig. 3A

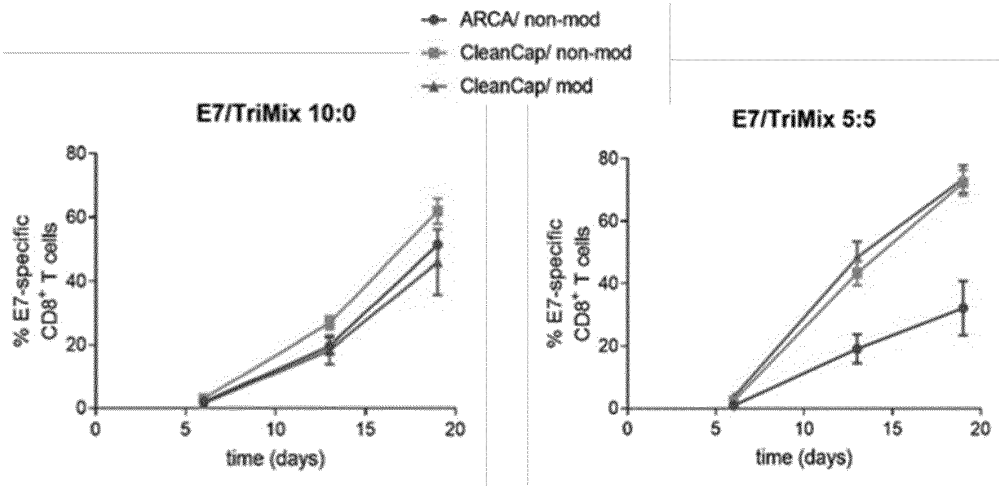

ARCA/ non-mod
CleanCap/ non-mod
CleanCap/ mod
E7/TriMix 10:0
E7/TriMix 5:5
% E7-specific CD8+ T cells
time (days)

Fig. 3B

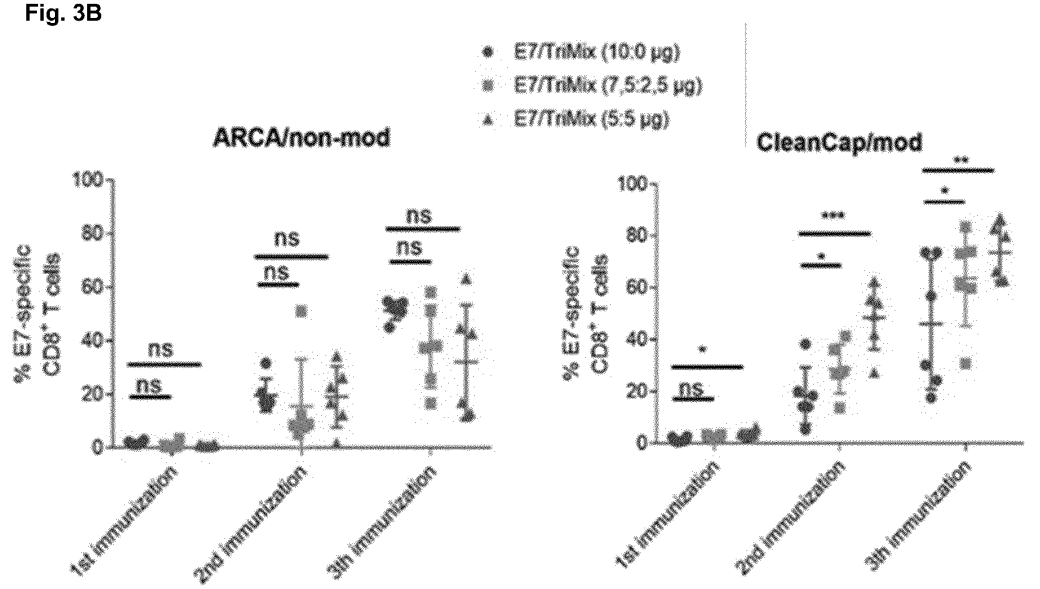

E7/TriMix (10:0 µg)
E7/TriMix (7,5:2,5 µg)
E7/TriMix (5:5 µg)
ARCA/non-mod
CleanCap/mod
% E7-specific CD8+ T cells
ns
1st immunization
2nd immunization
3th immunization

Fig. 4

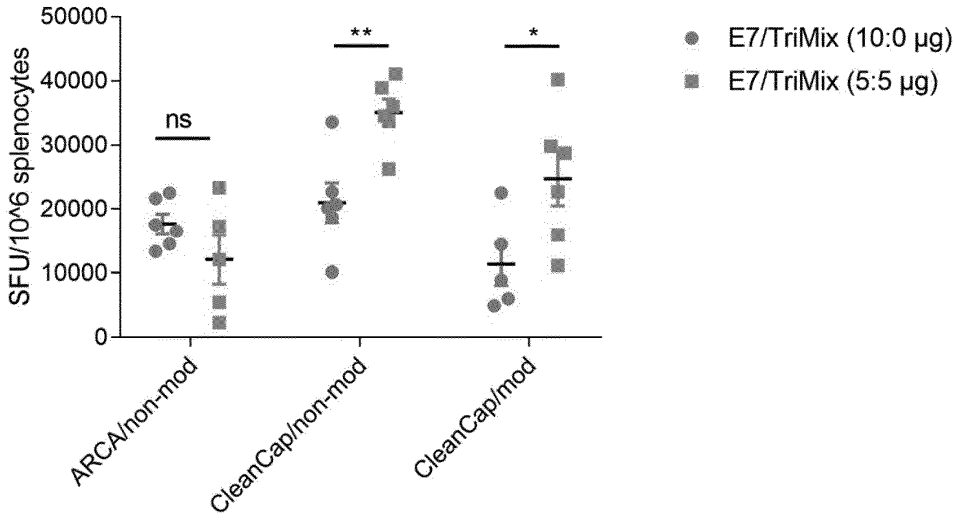

50000
40000
30000
20000
10000
0
SFU/10^6 splenocytes
ns
**
*
ARCA/non-mod
CleanCap/non-mod
CleanCap/mod
E7/TriMix (10:0 µg)
E7/TriMix (5:5 µg)

Fig. 5A

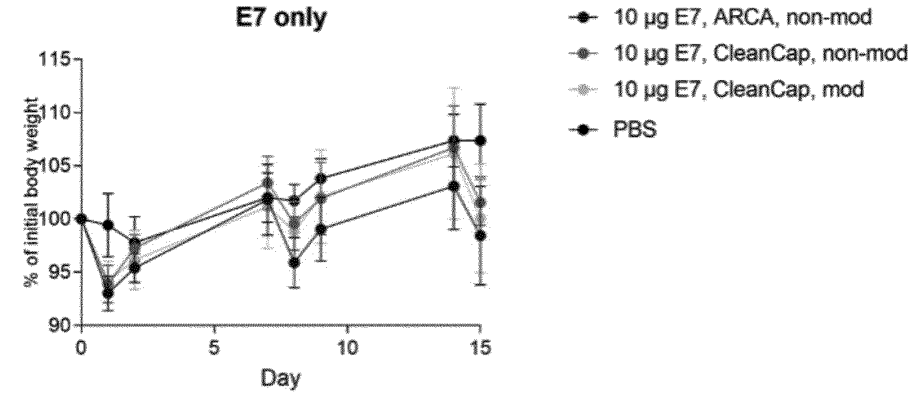

E7 only
115
110
105
100
95
90
% of initial body weight
0
5
10
15
Day
10 µg E7, ARCA, non-mod
10 µg E7, CleanCap, non-mod
10 µg E7, CleanCap, mod
PBS

Fig. 5B

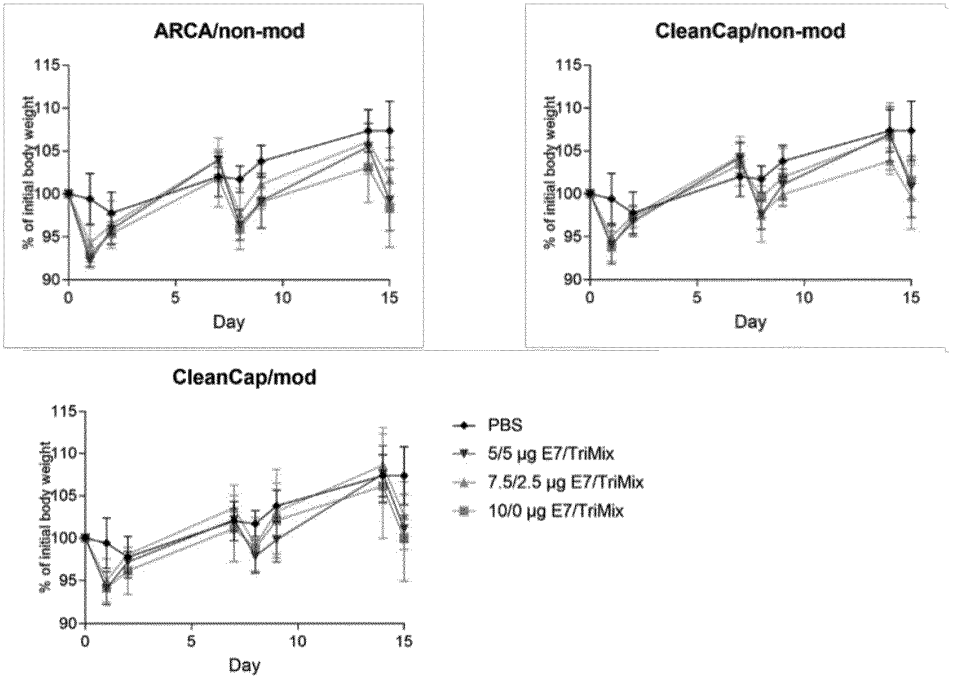
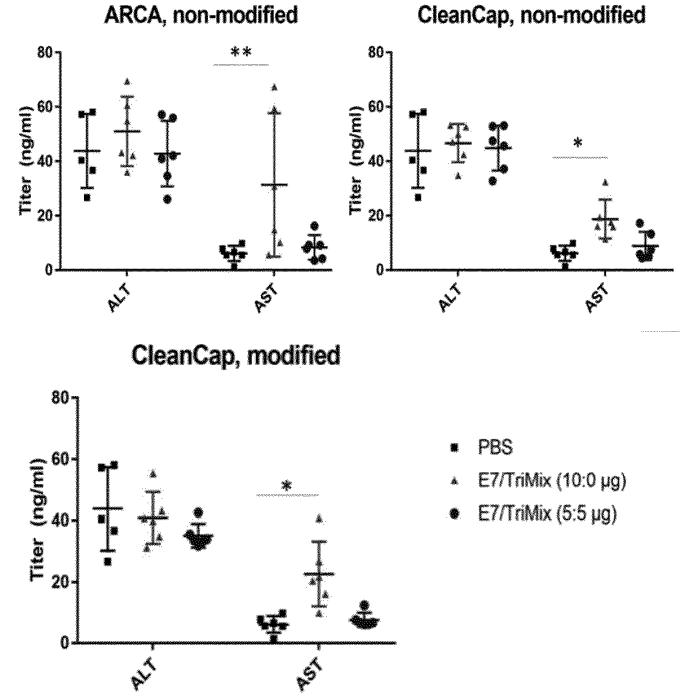

ARCA/non-mod
CleanCap/non-mod
CleanCap/mod
% of initial body weight
Day
PBS
5/5 µg E7/TriMix
7.5/2.5 µg E7/TriMix
10/0 µg E7/TriMix

Fig. 6


ARCA, non-modified
CleanCap, non-modified
CleanCap, modified
Titer (ng/ml)
ALT
AST
PBS
E7/TriMix (10:0 µg)
E7/TriMix (5:5 µg)