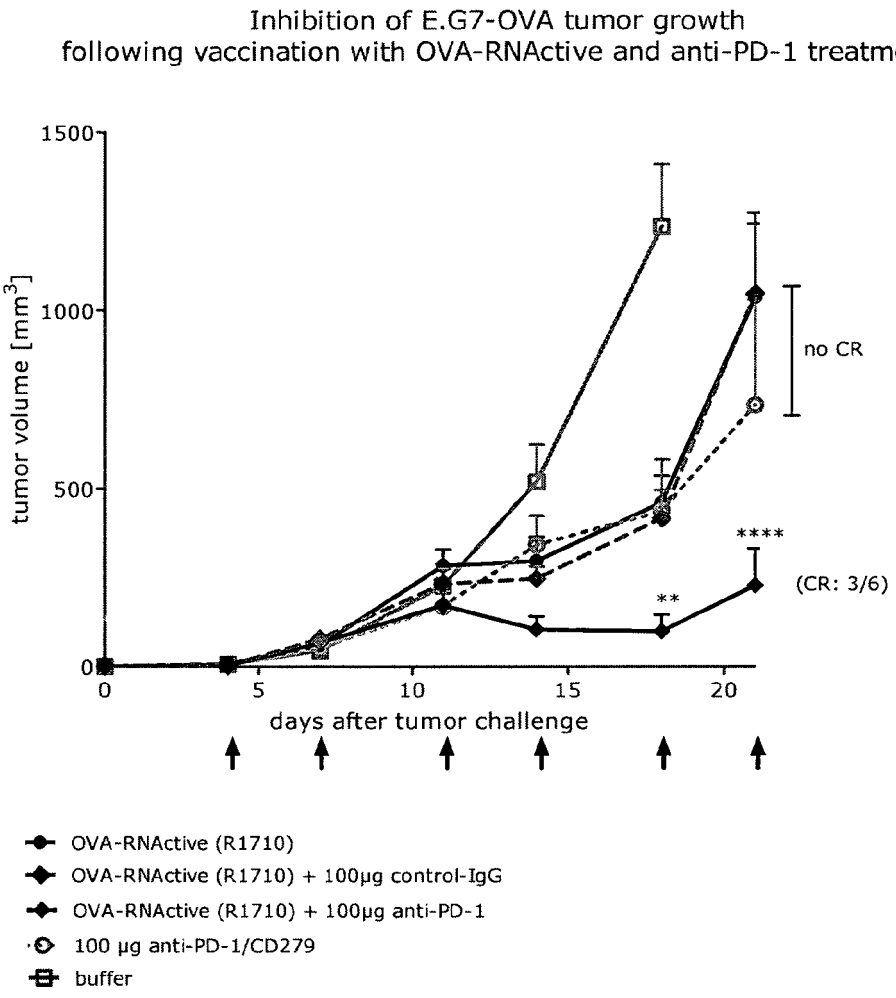

Inhibition of E.G7-OVA tumor growth
following vaccination with OVA-RNActive and anti-PD-1 treatment
tumor volume [mm3]
1500
1000
500
0
0
5
10
15
20
days after tumor challenge
no CR
****
**
(CR: 3/6)
OVA-RNActive (R1710)
OVA-RNActive (R1710) + 100µg control-IgG
OVA-RNActive (R1710) + 100µg anti-PD-1
100 µg anti-PD-1/CD279
buffer

Fig. 1

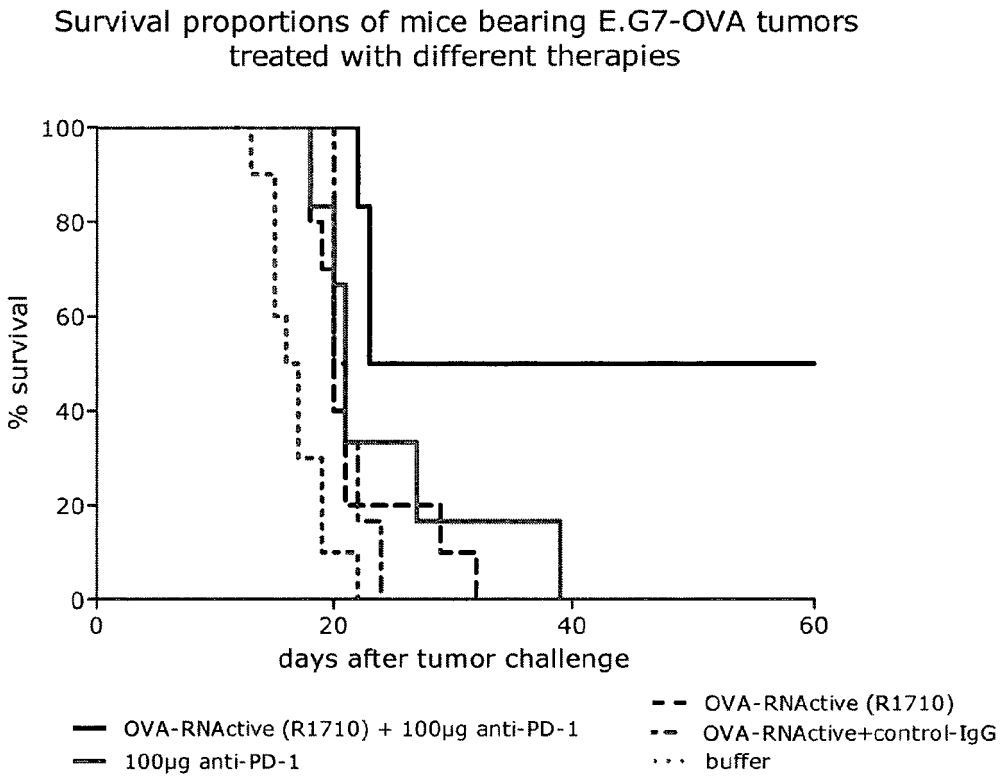

Survival proportions of mice bearing E.G7-OVA tumors
treated with different therapies
% survival
100
80
60
40
20
0
0
20
40
60
days after tumor challenge
OVA-RNActive (R1710) + 100µg anti-PD-1
100µg anti-PD-1
OVA-RNActive (R1710)
OVA-RNActive+control-IgG
buffer

Fig. 2

R1710:

GGGAGAAAGCUUACCAUGGGCAGCAUCGGGGCCGCGUCGAUGGAGUUCUG
CUUCGACGUGUUCAAGGAGCUGAAGGUCCACCACGCCAACGAGAACAUCU
UCUACUGCCCGAUCGCCAUCAUGAGCGCGCUCGCCAUGGUGUACCUGGGC
GCCAAGGACAGCACCCGGACGCAGAUCAACAAGGUGGUCCGCUUCGACAA
GCUGCCCGGCUUCGGGGACUCGAUCGAGGCGCAGUGCGGCACCAGCGUGA
ACGUGCACAGCUCGCUCCGGGACAUCCUGAACCAGAUCACCAAGCCGAAC
GACGUCUACAGCUUCAGCCUGGCCUCGCGGCUCUACGCCGAGGAGCGCUA
CCCGAUCCUGCCCGAGUACCUGCAGUGCGUGAAGGAGCUCUACCGGGGCG
GGCUGGAGCCGAUCAACUUCCAGACGGCGGCCGACCAGGCCCGGGAGCUG
AUCAACAGCUGGGUGGAGAGCCAGACCAACGGCAUCAUCCGCAACGUCCU
CCAGCCGUCGAGCGUGGACAGCCAGACCGCGAUGGUGCUGGUCAACGCCA
UCGUGUUCAAGGGCCUGUGGGAGAAGACGUUCAAGGACGAGGACACCCAG
GCCAUGCCCUUCCGGGUGACCGAGCAGGAGUCGAAGCCGGUCCAGAUGAU
GUACCAGAUCGGGCUCUUCCGGGUGGCGAGCAUGGCCAGCGAGAAGAUGA
AGAUCCUGGAGCUGCCGUUCGCCUCGGGCACGAUGAGCAUGCUCGUGCUG
CUGCCCGACGAGGUCAGCGGCCUCGAGCAGCUGGAGUCGAUCAUCAACUU
CGAGAAGCUGACCGAGUGGACCAGCAGCAACGUGAUGGAGGAGCGCAAGA
UCAAGGUGUACCUCCCGCGGAUGAAGAUGGAGGAGAAGUACAACCUGACG
UCGGUCCUGAUGGCGAUGGGGAUCACCGACGUGUUCAGCAGCUCGGCCAA
CCUCAGCGGCAUCAGCUCGGCCGAGAGCCUGAAGAUCAGCCAGGCGGUGC
ACGCCGCCCACGCGGAGAUCAACGAGGCCGGCCGGGAGGUCGUGGGGUCG
GCCGAGGCGGGCGUGGACGCCGCCAGCGUCAGCGAGGAGUUCCGCGCGGA
CCACCCGUUCCUGUUCUGCAUCAAGCACAUCGCCACCAACGCCGUGCUCU
UCUUCGGCCGGUGCGUGUCGCCCUGACCACUAGUUAUAAGACUGACUAGC
CCGAUGGGCCUCCCAACGGGCCCUCCUCCCCUCCUUGCACCGAGAUUAAU
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAUGCAUCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC
AAAGGCUCUUUUCAGAGCCACCAGAAUU

Fig. 3