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Figure 1

Heavy Chain CDRs

18G7.1_CDRH1
18G7H6A1_CDRH1
CNA3xxx_CAR_CDRH1

GYTFSGYW
GYSFTAYW
GYSFTAYW
:*:.

18G7.1_CDRH2
18G7H6A1_CDRH2
CNA3xxx_CAR_CDRH2

ILPGSDST
ILPGSDST
ILPGSDST

18G7.1_CDRH3
18G7H6A1_CDRH3
CNA3xxx_CAR_CDRH3

ARSGYYGSSQY
ARSGYYGSSQY
ARSGLYGSSQY
**** *****

Light Chain CDRs

18G7.1_CDRL1
18G7H6A1_CDRL1
CNA3xxx_CAR_CDRL1

ESVDSYGNSF
ESVDSYGNSF
ESVDSYGNSF

18G7.1_CDRL2
18G7H6A1_CDRL2
CNA3xxx_CAR_CDRL2

LTS
LTS
LTS

18G7.1_CDRL3
18G7H6A1_CDRL3
CNA3xxx_CAR_CDRL3

QQNNEDEPT
QQNAEDPRT
QQNAEDPRT
*** *****

Figure 2

Variable Heavy Chain Region

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18G7.1_Heavy_Chain  CVQLQSGAEIVKPSAVKISCKARQYTFSGYWLEWVQRPGHGLRWIGEEILPGSDSTNY  50
18G7H6A1_Heavy_Chain EVQLVQSGAEVKNPSESILAIKCKGSGYGFETAWLEWVRQAPGKSLRWIGEEILPGSDSTNY  50
CAR_Heavy_Chain      EVQLVQSGAEVKNPSESILAIKCKGSGYGFETAWLEWVRQAPGKSLRWIGEEILPGSDSTNY  50
:*** ***:; ** *:;****;[**:*];*****;* **;*****;*****
18G7.1_Heavy_Chain  NERFRGRATFTADTSSENVYMFESLTSBDSAVYYCARSGYYGSSQYFCQGTTLTVSS--  118
18G7H6A1_Heavy_Chain NERFRGHVTISADKSIISTAYLQWESLKAQDTAVYYCARSGYYGSSQYFCQGTTLTVSSAS  120
CAR_Heavy_Chain      NERFRGHVTISADKSIISTAYLQWESLKAQDTAVYYCARSGLYGSSQYFCQGTTLTVSS--  118
*****;.:*;*;* .*:;*;****;.:*;*;*****;*****;*****
18G7.1_Heavy_Chain  ----  118
18G7H6A1_Heavy_Chain TKGF  124
CAR_Heavy_Chain      -----  118

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Variable Light Chain Region

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18G7.1_Light_Chain  NIVLTQSFASLAVSLGQRATITCRASESVDSYGNSFHWYQKPGQPPKLLIYLTSNLES  60
18G7H6A1_Light_Chain DIVLTQSFASLAVSPGQRATITCRASESVDSYGNSFHWYQKPGQPPKLLIYLTSNLES  60
CAR_Light_Chain      DIVLTQSFASLAVSPGQRATITCRASESVDSYGNSFHWYQKPGQPPKLLIYLTSNLES  60
:*****;*****;*****;*****;*****;*****;*****
18G7.1_Light_Chain  GVPDRFSGSGSGTDFTLTIDPVEADDAATYYCQQNNEDEPTFGGGTKLLEIK-----  111
18G7H6A1_Light_Chain GVPDRFSGSGSGTDFTLTINPVEADDAATYYCQNAEDPRTFGGGTKLLEIKTRGP  115
CAR_Light_Chain      GVPDRFSGSGSGTDFTLTINPVEADDAATYYCQNAEDPRTFGGGTKLLEIK-----  111
*** ***** ***:;****;*****;*****;*****

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Figure 3

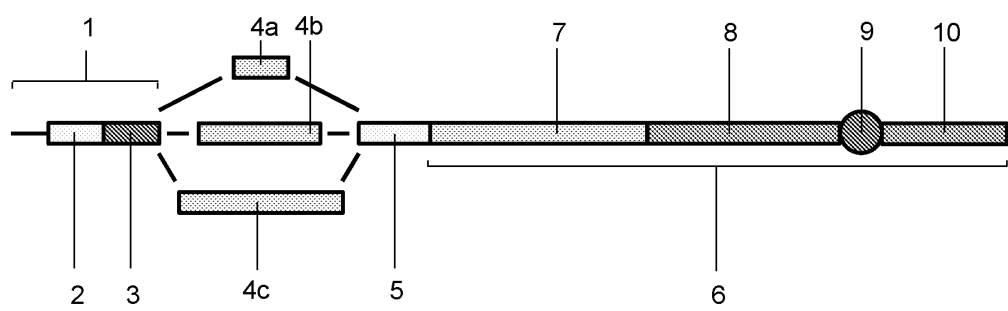


Figure 4

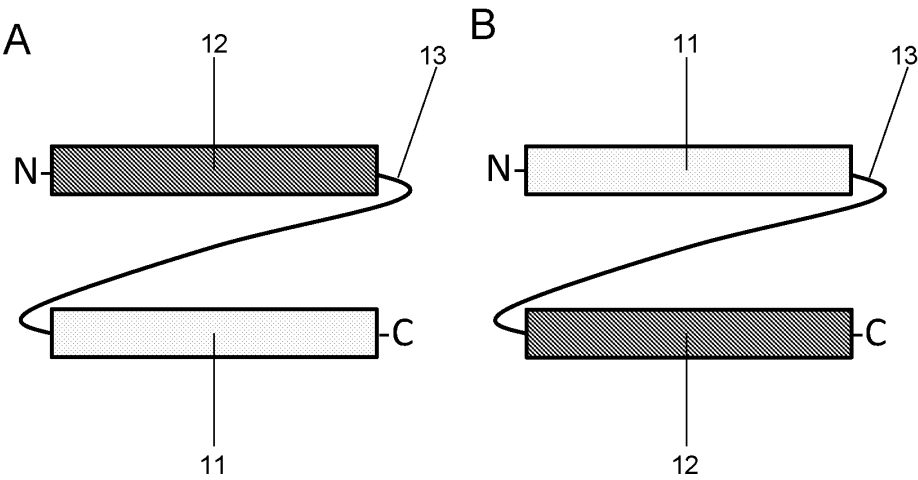


Figure 5

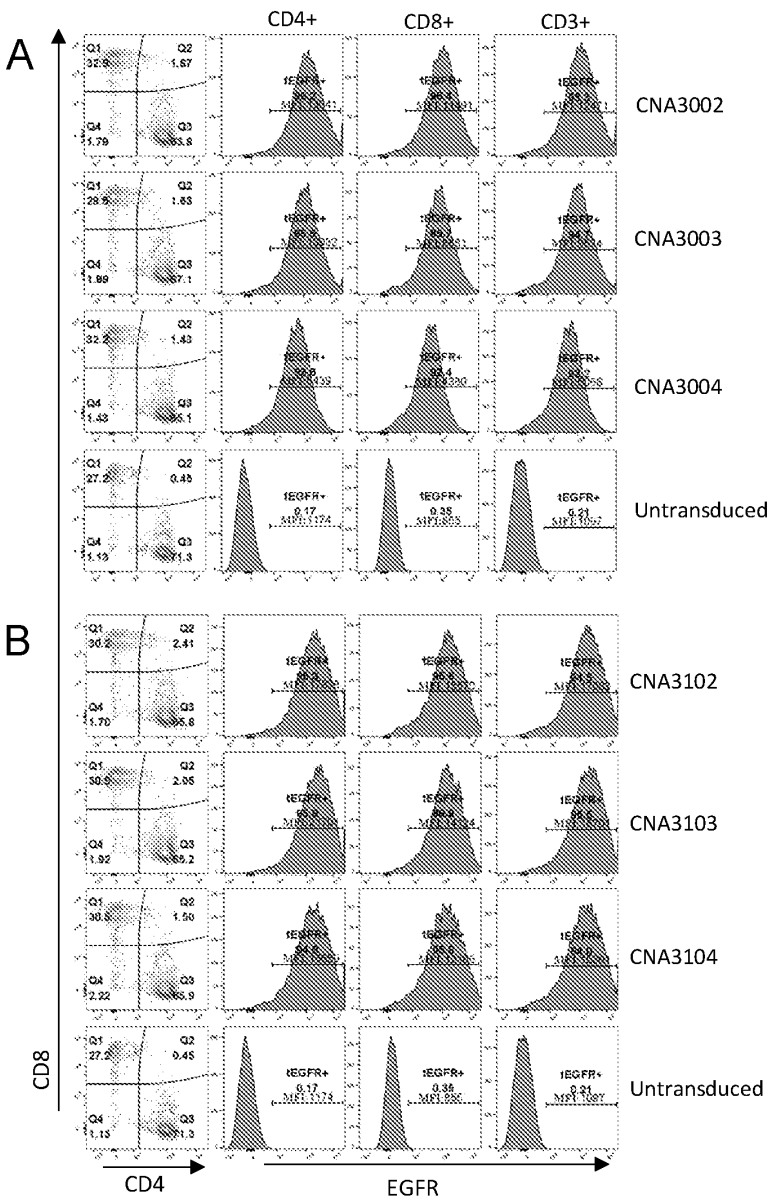


Figure 6

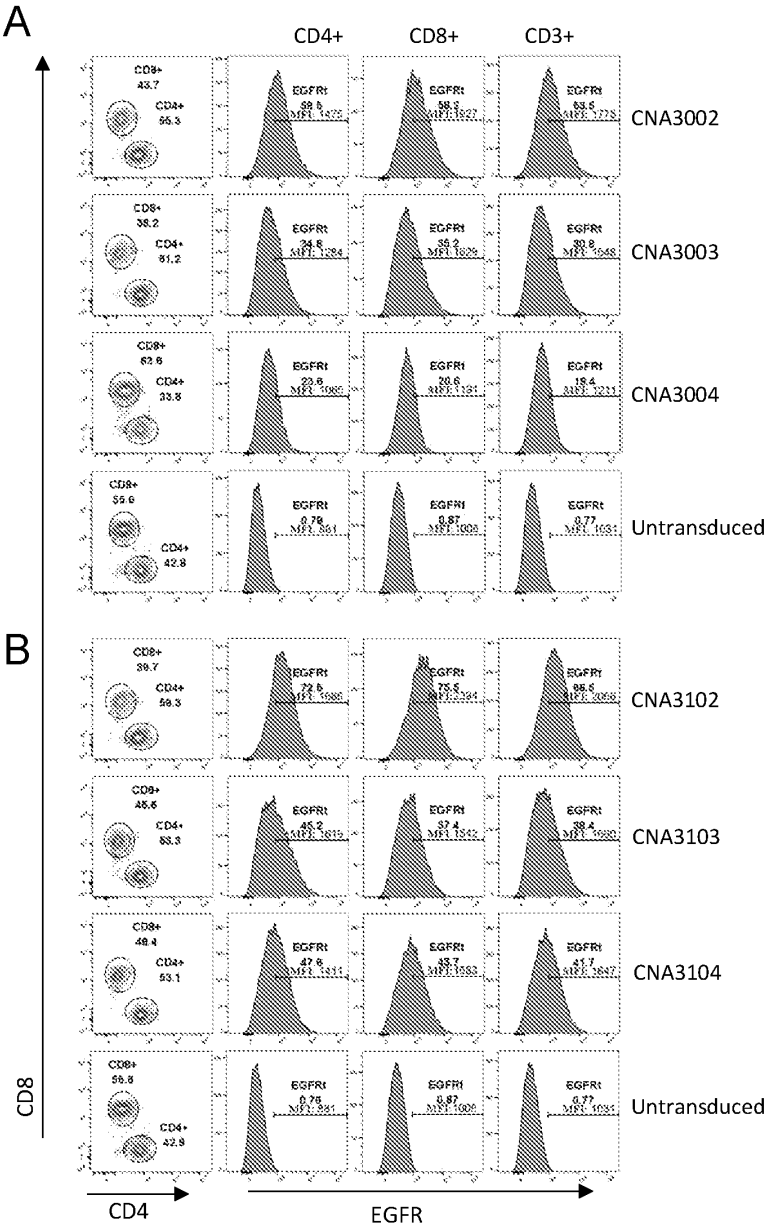


Figure 7

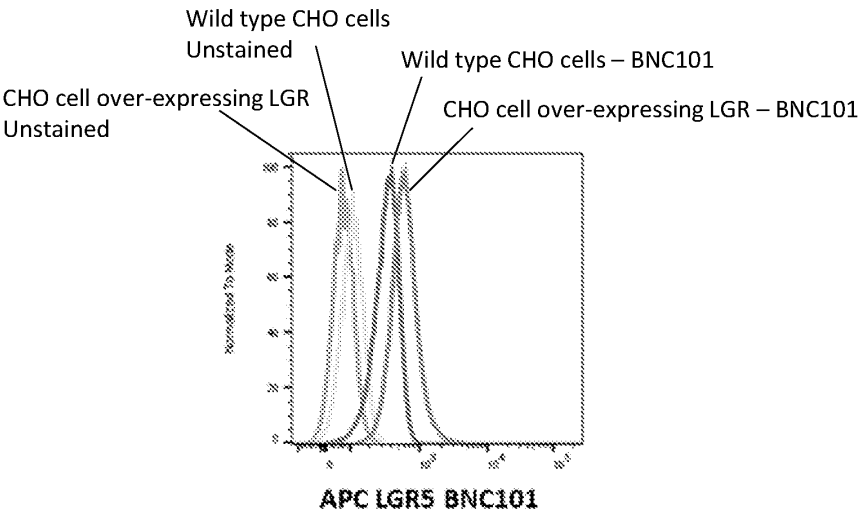
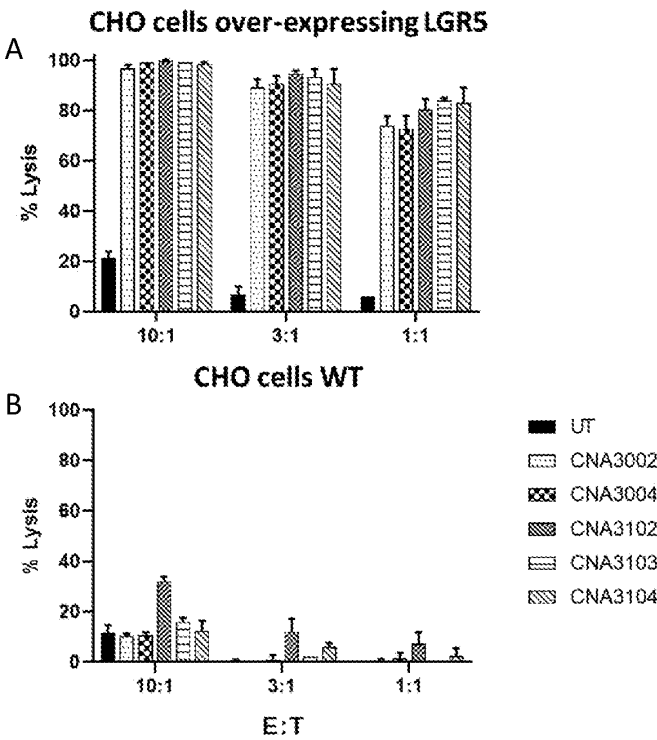


Figure 8



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Figure 9

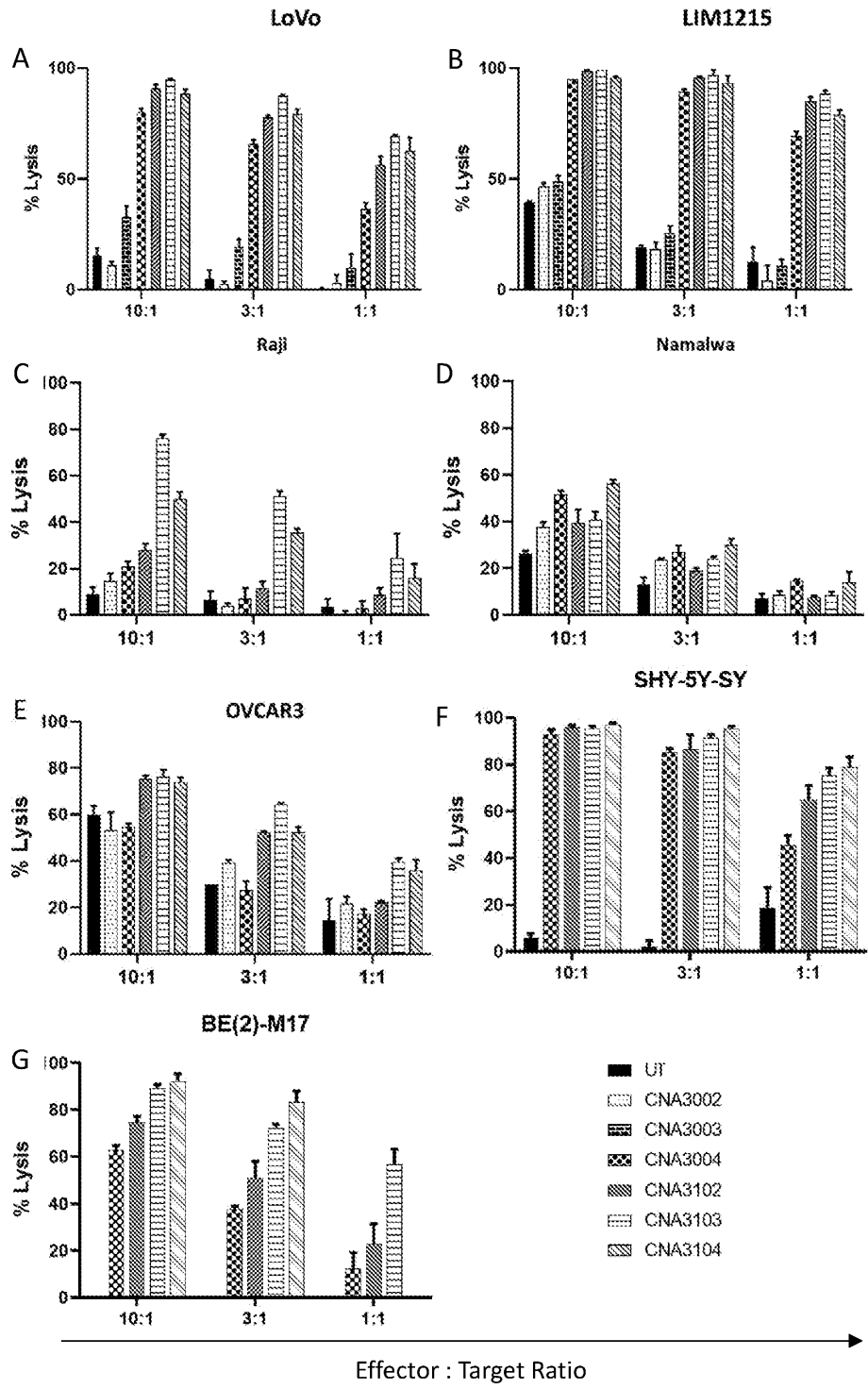


Figure 10

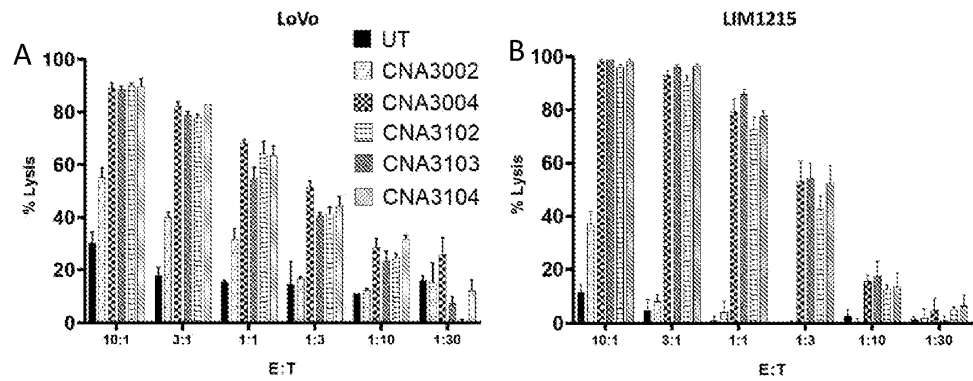


Figure 11

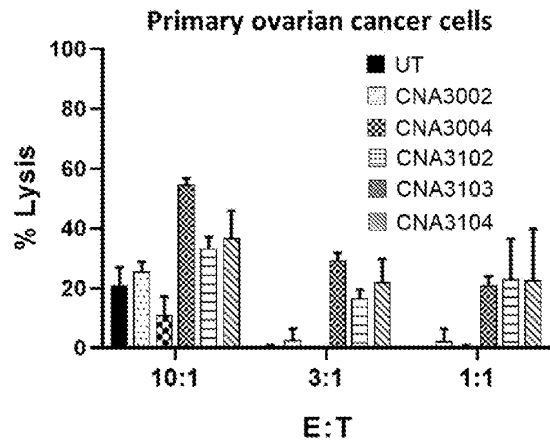


Figure 12

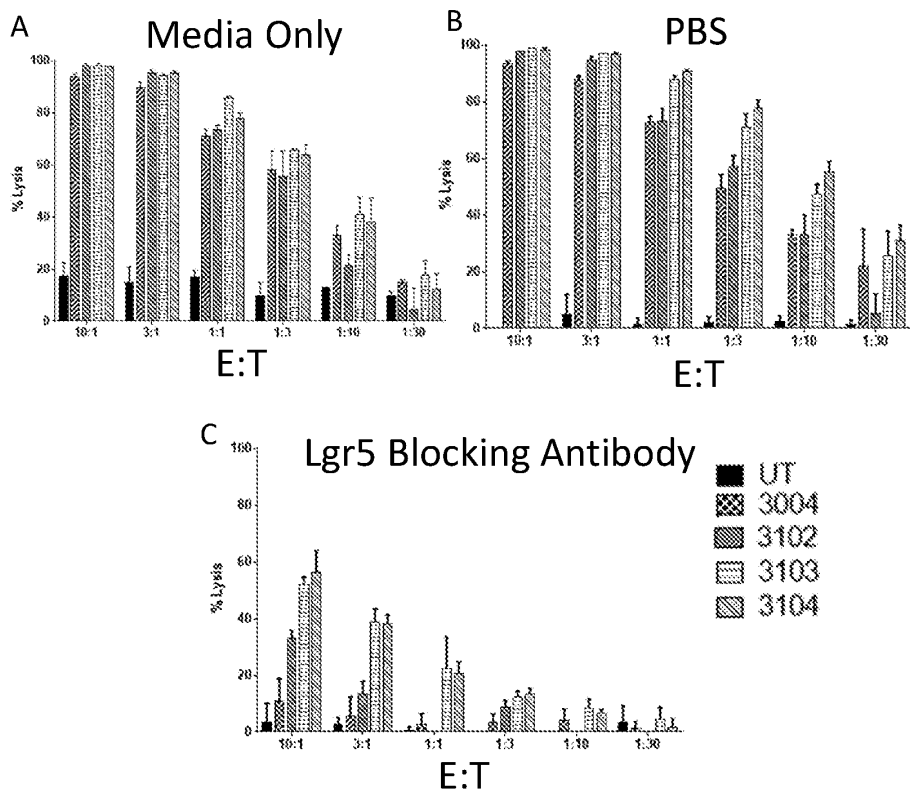


Figure 13

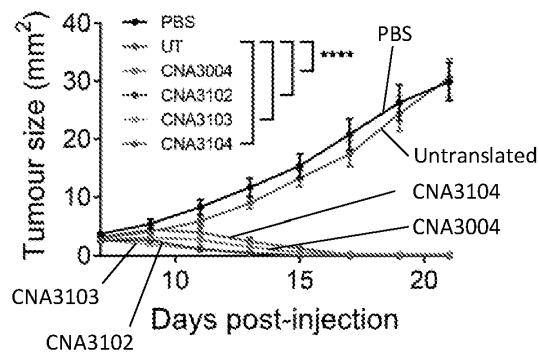


Figure 14

