

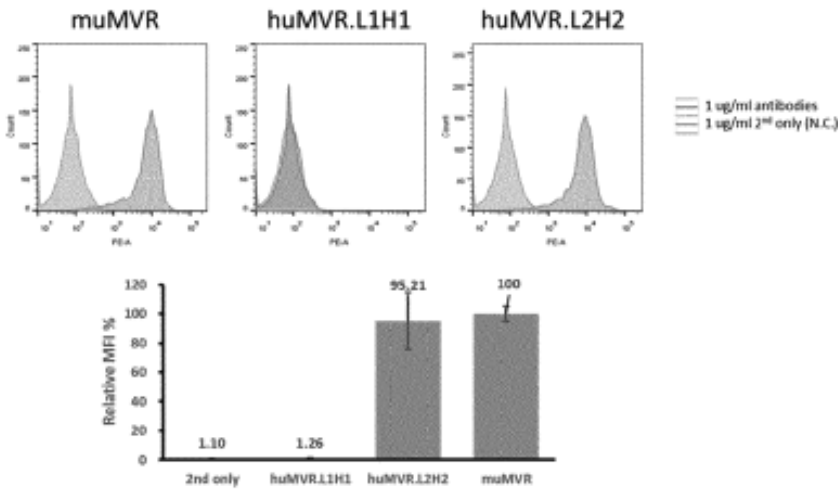
[FIG. 1]

muMVR_VH	QVQLKESGPGLVAPSQSLSLTCTVSGFSL[RYSVH]WVRQPPGKGLEWLG[MIWGGGSTDYNSALKS]
AAV40168	QVQLQESGPGLVKPSSETLSLTCTVSGGSIS[SYTWS]WIRQPPGKGLEWIG[YIYYNGSTWYNPSLKS]
huMVR_H1	QVQLQESGPGLVKPSSETLSLTCTVSGGSIS[RYSVH]WIRQPPGKGLEWIG[MIWGGGSTDYNSALKS]
huMVR_H2	QVQLQESGPGLVKPSSETLSLTCTVSGFSL[RYSVH]WIRQPPGKGLEWLG[MIWGGGSTDYNSALKS]
muMVR_VH	RLSISKDNSEKQVFLMNLSLQDDTAMYYCAR[NEGDTTACTWFAY]WQGGTLVTVSS
AAV40168	RVTISVDTSKNQFSLKLSVTAADTAVYYCAR[VMGIAAAGYYFDY]WQGGTLVTVSS
huMVR_H1	RVTISVDTSKNQFSLKLSVTAADTAVYYCAR[NEGDTTACTWFAY]WQGGTLVTVSS
huMVR_H2	RLTISRDNSEKQVSLKLSVTAADTAVYYCAR[NEGDTTACTWFAY]WQGGTLVTVSS

[FIG. 2]

muMVR_VL	DIQMTQSSSYLSVSLGGRVTITC[KASDHINNWL]WYQQKPGNAPRLIS[GATSLET]
hu4D5	DIQMTQSPSSLSASVGDRVTITC[RASQDVNTAVA]WYQQKPGKAPKLLIY[SASFLYS]
huMVR_L1	DIQMTQSPSSLSASVGDRVTITC[RASDHINNWL]WYQQKPGKAPKLLIY[GATRLES]
huMVR_L2	DIQMTQSPSSLSASVGDRVTITC[KASDHINNWL]WYQQKPGKAPKLLIS[GATSLET]
muMVR_VL	GVPSRFGSGSGKDYTLITSLQTEDVATYYC[QQYWSTPFT]FGSGTKLEIK
hu4D5	GVPSRFGSGSGTDFTLTISLQPEDFATYYC[QQHYTTPPT]FGQGTKVEIK
huMVR_L1	GVPSRFGSGSGTDYTLITSLQPEDFATYYC[QQYWSTPFT]FGGGTKVEIK
huMVR_L2	GVPSRFGSGSGKDYTLITSLQPEDFATYYC[QQYWSTPFT]FGQGTKVEIK

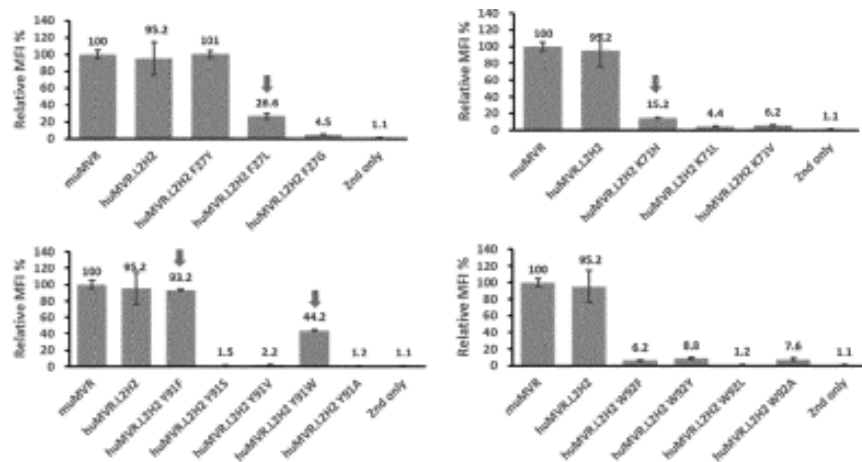
[FIG. 3]



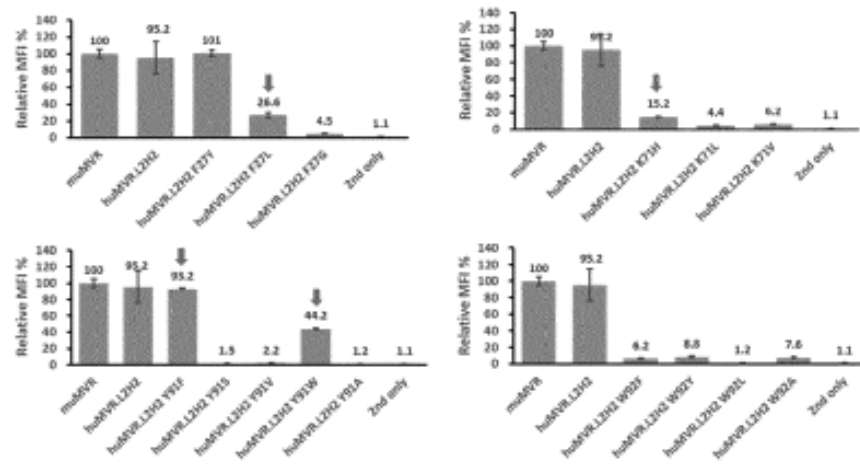
[FIG. 4]



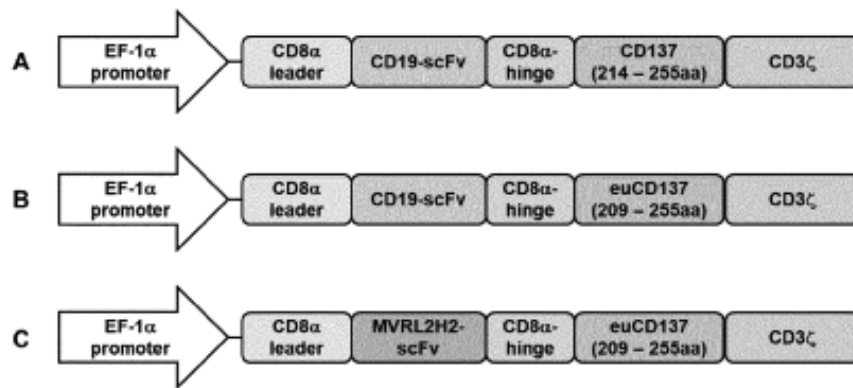
[FIG. 5a]



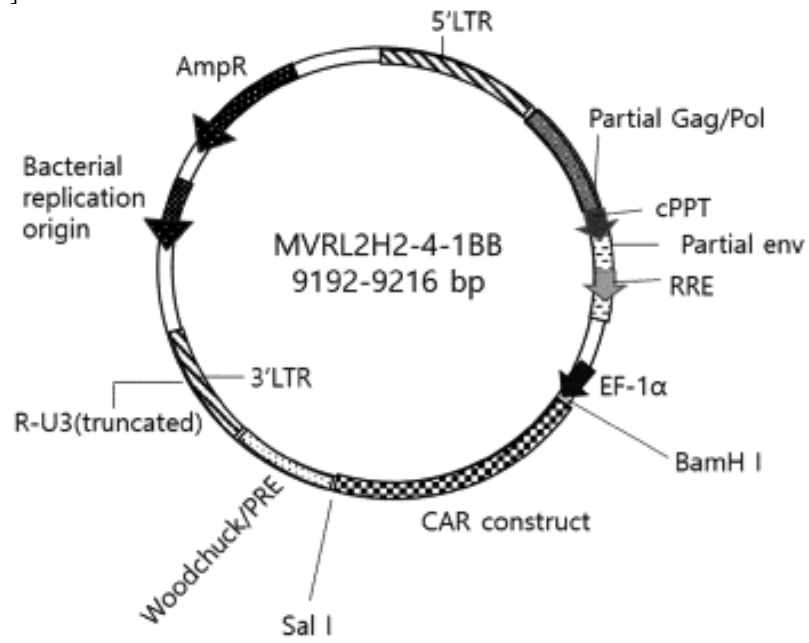
[FIG. 5b]



[FIG. 6a]



[FIG. 6b]



[FIG. 7a]

7. Variable region of huMVR.H2 heavy chain

QVQLQESGPGLVKPSSETLSLTCTVSGFSLSRYSVHWIRQPPGKGLEWLGMIWGGGSTDYNSALKSRLTISKDNSK
 NQVSLKLSSVTAADTAVYYCARNEGDITAGTWFAFWGQGLTVTVSS

8. Variable region of huMVR.L2 Light chain

DIQMTQSPSSLSASVGDRVTITCKASDHINNWLAWYQQKPGKAPKLLISGATSLETGVPSRFSGGSGGKDYTLTIS
 SLQPEDFATYYCQQYWSTPFTFGGQGTKVEIK

9. scFv of huMVR.L2H2

DIQMTQSPSSLSASVGDRVTITCKASDHINNWLAWYQQKPGKAPKLLISGATSLETGVPSRFSGGSGGKDYTLTIS
 SLQPEDFATYYCQQYWSTPFTFGGQGTKVEIKGGGGSGGGGGGGGGGGGGQVQLQESGPGLVKPSSETLSLTCTVSGFSL
 SRYSVHWIRQPPGKGLEWLGMIWGGGSTDYNSALKSRLTISKDNSKNQVSLKLSSVTAADTAVYYCARNEGDIT
 AGTWFAFWGQGLTVTVSS

10. Variable region of huMVR.H1 heavy chain

QVQLQESGPGLVKPSSETLSLTCTVSGGSISRYSVHWIRQPPGKGLEWIGMIWGGGSTDYNSALKSRVTISVDTSK
 NQVSLKLSSVTAADTAVYYCARNEGDITAGTWFAFWGQGLTVTVSS

11. Variable region of huMVR.L1 light chain

DIQMTQSPSSLSASVGDRVTITCRASDHINNWLAWYQQKPGKAPKLLYGATRLESGVPSRFSGGSGGTDYTLTI
 SSLQPEDFATYYCQQYWSTPFTFGGGTKVEIK

[FIG. 7b]

12. scFv of huMVR1H1

DIQMTQSPSSLSASVGDRVTITCRASDHINNWLAWYQQKPGKAPKLLYGATRLESGVPSRFSGSGSGTDYTLTI
SSLQPEDFATYYCQQYWSTPFTFGGGTKVEIKGGGSGGGGSGGGGSGVQLQESGPGLVKPSSETLSLTCTVSGG
SISRYSVHWIRQPPGKGLEWIGMIWGGGSTDYNSALKSRVTISVDTSKNQFSUKLSSVTAADTAVYYCARNEGDT
TAGTWFAFWGQGLTVTVSS

13. 4-1BB signaling domain

KRGRKKLLYIFKQPFMRPVQTTQEEDGCSCRFPEEEEGGCEL

14. euCD137

RFSVVKRGRKKLLYIFKQPFMRPVQTTQEEDGCSCRFPEEEEGGCEL

[FIG. 7c]

15. sequence of MVR.L2H2 CAR

GATATTCAGATGACCCAGTCCCCGAGCTCCCTGTCCGCCTCTGTGGGCGATAGGGTCACCATCACCTGCAAGG
 CCAGTGACCACATCAACAACCTGGCTGGCTGGTATCAACAGAAACCAGGAAAAGCTCCGAACTACTGATCA
 GCGGCGCCACCTCTCTGGAAACCGAGTCCCTTCTCGCTTCTCTGGTTCCGGATCTGGGAAGGATTACACTCT
 GACCATCAGCAGTCTGCAGCCGGAAGACTTCGCAACTTATTA CTGCAGCAGTACTGGTCCACCCCTTCACC
 TTCGGACAGGGTACCAAGGTGGAGATCAAAGGCGGAGGCGGATCTGGCGGCGGAGGAAGTGGCGGAGGG
 GGATCTCAGGTGCAGTGCAGGAGTGGGCCAGGACTGGTGAAGCCTTCGGAGACCCTGTCCCTCACCTGC
 ACTGTCTCTGGTTTCTCCCTGAGTCGGTACTCTGTGCATTGGATCCGGCAGCCCCAGGGAAGGGACTGGAGT
 GGCTGGGGATGATCTGGGGAGGCGGCAGCACCGACTACAACAGCGCCTGAAGTCCCGACTGACCATATCA
 AAGGACAACTCCAAGAACCAGGTGCTCTGAAGCTGAGCTCTGTGACCGCTGCGGACACGGCCGTGTATTAC
 TGTGCGAGAAATGAGGGCGATACACCGCCGGCACTTGGTTTGCTATTGGGGCCAGGGAACCCCTGGTCACC
 GTCTCTCAACCACGACGCCAGCGCCGCGACCAACACCGGCGCCACCATCGTAGCCAGCCCTGTCC
 CTGCGCCCAGAGGCGTGCCGGCCAGCGGCGGGGGCGCAGTGACACGAGGGGGCTGGACTTCGCCTGTG
 ATATCTACATCTGGGCGCCCTTGCCGGGACTTGTGGGGTCTTCTCCTGTCACTGGTTATCACCCTTTACTGCA
 AACGGGGCAGAAAGAACTCCTGTATATATTCAAACAACCATTTATGAGACCAGTACAACTACTCAAGAGGA
 AGATGGCTGTAGCTGCCGATTTCAGAAGAAGAAGAAGGAGGATGTGAACTG
 AGAGTGAAGTTCAGCAGGAGCGCAGACGCCCCCGGTACAAGCAGGGCCAGAACCAGCTCTATAACGAGCT
 CAATCTAGGACGAAGAGAGGAGTACGATGTTTTGGACAAGAGACGTGGCCGGGACCTGAGATGGGGGA
 AAGCCGAGAAGGAAGAACCTCAGGAAGGCCTGTACAATGAACTGCAGAAAGATAAGATGGCGGAGGCCT
 ACAGTGAGATTGGGATGAAAGGCGAGCGCGGAGGGGCAAGGGGCACGATGGCCTTACCAGGGTCTCAG
 TACAGCCACCAAGGACACCTACGACGCCCTTCACATGCAGGCCCTGCCCTCGCTAA

[FIG. 7d]

16. sequence of MVR.L2H2 CAR_euCD137

GATATTCAGATGACCCAGTCCCCGAGCTCCCTGTCCGCCTCTGTGGGCGATAGGGTCACCATCACCTGCAAGG
CCAGTGACCACATCAACAACCTGGCTGGCCTGGTATCAACAGAAACCAGGAAAAGCTCCGAAACTACTGATCA
GCGGCGCCACCTCTCTGGAAACCGAGTCCCTTCTCGCTTCTCTGGTTCCGGATCTGGGAAGGATTACACTCT
GACCATCAGCAGTCTGCAGCGGAAGACTTCGCAACTTATTACTGTCAGCAGTACTGGTCCACCCCTTCACC
TTCGGACAGGGTACCAAGGTGGAGATCAAAGGCGGAGGCGGATCTGGCGGCGGAGGAAGTGGCGGAGGG
GGATCTCAGGTGCAGCTGCAGGAGTCGGGCCAGGACTGGTGAAGCCTTCGGAGACCCTGTCCCTCACCTGC
ACTGTCTCTGTTTCTCCCTGAGTCGGTACTCTGTGCATTGGATCCGGCAGCCCCAGGGAAGGGACTGGAGT
GGCTGGGGATGATCTGGGGAGGCGGCAGCACCGACTACAACAGCGCCCTGAAGTCCCGACTGACCATATCA
AAGGACAACCTCCAAGAACCAGGTGTCCTTGAAGCTGAGCTCTGTGACCGCTGCGGACACGGCCGTGATTAC
TGTGCGAGAAATGAGGGCGATACCAACGCCGGCACTTGTTTGCTATTGGGGCCAGGGAACCTGGTCACC
GTCTCCTCAACCACGACGCCAGCGCCGCGACCAACACCGGCGCCACCATCGCTAGCCAGCCCTGTCC
CTGCGCCCAGAGGCGTGCCGGCCAGCGGCGGGGGGCGCAGTGACACGAGGGGGCTGGACTTCGCCTGTG
ATATCTACATCTGGGCGCCCTTGCCGGGACTTGTTGGGTCTCTCTGTCACTGGTTATCACCTTTACTGC
CGTTTCTCTGTTGTTAAACGGGGCAGAAAGAACTCCTGTATATTTCAAACAACCATTTATGAGACCAGTACA
AACTACTCAAGAGGAAGATGGCTGTAGCTGCCGATTTCCAGAAGAAGAAGAGGAGGATGTGAACTG
AGAGTGAAGTTCAGCAGGAGCGCAGACGCCCCGCGTACAAGCAGGGCCAGAACCAGCTCTATAACGAGCT
CAATCTAGGACGAAGAGAGGAGTACGATGTTTTGGACAAGAGACGTGGCCGGGACCCTGAGATGGGGGGA
AAGCCGAGAAGGAAGAACCCTCAGGAAGGCCTGTACAATGAACTGCAGAAAGATAAGATGGCGGAGGCCT
ACAGTGAGATTGGGATGAAAGGCGAGCGCGGAGGGGCAAGGGGCACGATGGCCTTTACCAGGGTCTCAG
TACAGCCACCAAGGACACCTACGACGCCCTTCACATGCAGGCCCTGCCCCCTCGCTAA

[FIG 7e]

17. sequence of CD19 CAR

GACATCCAGATGACACAGACTACATCCTCCCTGTCTGCCTCTCTGGGAGACAGAGTCACCATCAGTTGCAGGG
CAAGTCAGGACATTAGTAAATATTTAAATTGGTATCAGCAGAAACCAGATGGAAGTGTAAACTCCTGATCTAC
CATACATCAAGATTACACTCAGGAGTCCCATCAAGGTTCAAGTGGCAGTGGGCTGGAAACAGATTATTCTCTCAC
CATTAGCAACCTGGAGCAAGAAGATATTGCCACTTACTTTTGCCAACAGGGTAATACGCTTCCGTACACGTTT
GGAGGGGGGACCAAGCTGGAGATCACAGGTGGCGGTGGCTCGGGCGGTGGTGGGTCGGGTGGCGGCGGA
TCTGAGGTGAACTGCAGGAGTCAGGACCTGGCCTGGTGGCGCCCTCACAGAGCCTGTCCGTACATGCACT
GTCTCAGGGGTCTATTACCCGACTATGGTGAAGCTGGATTGCGCAGCCTCCACGAAAGGGTCTGGAGTGGC
TGGGAGTAATATGGGGTAGTGAAACCACATACTATAATTCACTCTCAAATCCAGACTGACCATCATCAAGGAC
AACTCCAAGAGCCAAGTTTTCTAAAAATGAACAGTCTGCAAACTGATGACACAGCCATTTACTACTGTGCCA
AACATTATTACTACGGTGGTAGCTATGCTATGGACTACTGGGGCCAAGGAACCTCAGTCACCGTCTCCTCA
ACCAAGACGCCAGCGCCGCGACCAACACCGGGCGCCACCATCGCTAGCCAGCCCCGTGCCCTGCGCCC
AGAGGCGTGCCGGCCAGCGCGGGGGCGCAGTGACACGAGGGGGCTGGACTTCGCCTGTGATATCTAC
ATCTGGGCGCCCTTGGCCGGGACTTGTGGGGTCTTCTCTGTCACTGTTATCACCCTTTACTGC
AAACGGGGCAGAAAGAACTCCTGTATATATTCAAACAACCATTTATGAGACCAGTACAACTACTCAAGAGG
AAGATGGCTGTAGCTGCCGATTTCCAGAAGAAGAAGAGGAGGATGTGAACTG
AGAGTGAAGTTCAGCAGGAGCGCAGACGCCCCCGCTACAAGCAGGGCCAGAACCAGCTCTATAACGAGCT
CAATCTAGGACGAAGAGAGGAGTACGATGTTTTGGACAAGAGACGTGGCCGGGACCCCTGAGATGGGGGGA
AAGCCGAGAAGGAAGAACCCTCAGGAAGGCCTGTACAATGAACTGCAGAAAGATAAGATGGCGGAGGCCT
ACAGTGAGATTGGGATGAAAGGCGAGCGCCGGAGGGGCAAGGGGCACGATGGCCTTTACCAGGGTCTCAG
TACAGCCACCAAGGACACCTACGACGCCCTTACATGCAGGCCCTGCCCCCTCGCTAA

[FIG. 7f]

18. sequence of CD19 CAR_euCD137

GACATCCAGATGACACAGACTACATCCTCCCTGTCTGCCTCTCTGGGAGACAGAGTCACCATCAGTTGCAGGG
 CAAGTCAGGACATTAGTAAATATTTAAATTGGTATCAGCAGAAACCAGATGGAACTGTTAAACTCCTGATCTAC
 CATACATCAAGATTACACTCAGGAGTCCCATCAAGGTTCACTGGCAGTGGGTCTGGAACAGATTATTCTCTCAC
 CATTAGCAACCTGGAGCAAGAAGATATTGCCACTTACTTTTGCCAACAGGGTAATACGCTTCCGTACACGTTT
 GGAGGGGGGACCAAGCTGGAGATCACAGGTGGCGGTGGCTCGGGCGGTGGTGGGTGGGTGGCGGCGGA
 TCTGAGGTGAAACTGCAGGAGTCAGGACCTGGCCTGGTGGCGCCCTCACAGAGCCTGTCCGTACATGCAT
 GTCTCAGGGGTCTATTACCCGACTATGGTGAAGCTGGATTGCGCCAGCCTCCACGAAAGGGTCTGGAGTGGC
 TGGGAGTAATATGGGGTAGTGAACCACATACTATAATTAGCTCTCAAATCCAGACTGACCATCATCAAGGAC
 AACTCCAAGAGCCAAGTTTTCTTAAAAATGAACAGTCTGCAAACTGATGACACAGCCATTTACTACTGTGCCA
 AACATTATTACTACGGTGGTAGCTATGCTATGGACTACTGGGGCCAAGGAACCTCAGTCACCGTCTCTCA
 ACCACGACGCCAGCGCCGCGACCAACACCGGCGCCACCATCGCTAGCCAGCCCCTGTCCCTGCGCCC
 AGAGGCGTGCCGCCAGCGCGGGGGGCGCAGTGCACACGAGGGGGCTGGACTTCGCCTGTGATATCTAC
 ATCTGGGCGCCCTTGCGCGGACTTGTGGGGTCTCTCCTGTCACTGGTTATCACCCCTTACTGC
 CGTTTCTCTGTGTT
 AAACGGGGCAGAAAGAACTCCTGTATATATCAAAACAACATTTATGAGACCAGTACAACTACTCAAGAGG
 AAGATGGCTGTAGCTGCCGATTTCCAGAAGAAGAAGAGGAGGATGTGAACTG
 AGAGTGAAGTTCAGCAGGAGCGCAGACGCCCCCGCTACAAGCAGGGCCAGAACCAGCTCTATAACGAGCT
 CAATCTAGGACGAAGAGAGGAGTACGATGTTTTGGACAAGAGACGTGGCCGGGACCCCTGAGATGGGGGA
 AAGCCGAGAAGGAAGAACCCTCAGGAAGGCCTGTACAATGAACTGCAGAAAGATAAGATGGCGGAGGCCT
 ACAGTGAGATTGGGATGAAAGGCGAGCGCGGAGGGGCAAGGGGCACGATGGCCTTTACCAGGGTCTCAG
 TACAGCCACCAAGGACACCTACGACGCCCTTACATGCAGGCCCTGCCCCCTCGCTAA GTCGACA

[FIG. 7g]

19. EF1a-promoter

Cgtgaggctccggtgccgtcagtgggcagagcgacatcgcccacagtcgccgagaagtggggggaggggcggaattgaaccg
 gtgcctagagaagggtggcggggtaaacgggaaagtatgtcgtactgctccgcttttcccgagggtggggagaaccgtat
 ataagtgacagtagtcgcccgaacgttcttttcgcaacgggttgccgcccagaacacaggtaagtcggtgtgtgttccgcgggctgg
 cctctttacgggttatggccctgctgacctgaattacttccacctggctgcagtacgtgattcttgatccgagcttcgggtggaagtgggt
 gggagagttcagggccttgccgcttaaggagcccttcgacctgcttgagtgagggcctggcctggcgctggggccgcgctgcga
 atctggtggaaccttcgacctgtctcgtcttctgataagtctctagccatttaaaattttgatgacctgctgcgacgtttttctggaag
 atagcttgtaaatgcgggccaagatctgcacactgggtatttcggttttggggccgcggcgccgacggggcccgctgctccagcgca
 catgttcggcgagcggggctgcgagcgccgacccagagaatcggaagggttagtctcaagctggccggcctgctctgtgctgtg
 cctcgccgcccgtgtatcgccccgacctggcggaaggctggcccggtcgccagttgcgtgagcggaaagatggccgcttccg
 gccctgctgcagggaagctcaaaatggaggacggcgctcgggagagcgggcggtgagtcaccacacaaaggaaaaggccttct
 cgtctcagccgtcgttcatgtgactccactgagtagccggcgccgtccaggcacctcgattagttctcgagcttttgagtagctgtcttta
 ggttggggggagggttttatgcgatggagtttccacactgagtggtggagactgaagttaggccagcttggcacttgatgtaattct
 ccttgaatttgcccttttgagtttgatcttggttcattctcaagccctcagacagtggtcaagtttttcttccatttcaggtgtcgtga

[FIG. 7h]

20. CD8- α leader sequence

GGATCCATGGCCTTACCA GTGACCGCCTTGCTCCTGCCGCTGGCCTTGCTGCTCCACGCCGCCAGGCCG

21. Flag

gactacaaggacgacgatgacaag

22. CD19 ϵ cFv

GACATCCAGATGACACAGACTACATCTCCCTGTCTGCCTCTCTGGGAGACAGAGTCACCATCAGTTGCGAGG
CAAGTCAGGACATTAGTAAATATTTAAATTGGTATCAGCAGAAACCAGATGGAACCTGTTAAACTCCTGATCTAC
CATACATCAAGATTACACTCAGGAGTCCCATCAAGGTTCAGTGGCAGTGGGTCTGGAACAGATTATTCTCTCAC
CATTAGCAACCTGGAGCAAGAAGATATTGCCACTTACTTTTGCCAACAGGGTAATAACGCTTCCGTACACGTTT
GGAGGGGGGACCAAGCTGGAGATCACAGGTGCGGTGGCTCGGGCGGTGGTGGGTGGGTGGCGGCGGA
TCTGAGGTGAAACTGCAGGAGTCAGGACCTGGCTGGTGGCGCCCTCACAGAGCCTGTCCGTACATGCAT
GTCTCAGGGGTCTATTACCGACTATGGTGAAGCTGGATTGCGCAGCCTCCACGAAAGGGTCTGGAGTGGC
TGGGAGTAATATGGGGTAGTGAAACCACTACTATAATTACGCTCTCAAATCCAGACTGACCATCATCAAGGAC
AACTCCAAGAGCCAAGTTTTCTTAAAAATGAACAGTCTGCAAACCTGATGACACAGCCATTTACTACTGTGCCA
AACATTATTACTACGGTGGTAGCTATGCTATGGACTACTGGGGCCAAGGAACTCAGTCACCGTCTCCTCA

23. CD8/Hinge/Transmembrane Sequence

ACCACGACGCCAGCGCCGCGACCAACACCGGCGCCACCATGCTAGCCAGCCCTGTCCCTGCGCCC
 AGAGGCGTGCCGGCCAGCGCGGGGGCGCAGTGACACGAGGGGGCTGGACTTCGCTGTGATATCTAC
 ATCTGGGCGCCCTTGGCCGGGACTTGTGGGGTCTTCTCTGTCACTGTTATCACCCCTTTACTGC

[FIG. 7i]

24. CD3z

AGAGTGAAGTTCAGCAGGAGCGCAGACGCCCCCGGTACAAGCAGGGCCAGAACCAGCTCTATAACGAGCT
 CAATCTAGGACGAAGAGAGGAGTACGATGTTTTGGACAAGAGACGTGGCCGGGACCCTGAGATGGGGGA
 AAGCCGAGAAGGAAGAACCCTCAGGAAGGCCTGTACAATGAACTGCAGAAAGATAAGATGGCGGAGGCCT
 ACAGTGAGATTGGGATGAAAGGCGAGCGCCGGAGGGGCAAGGGGCACGATGGCCTTTACCAGGGTCTCAG
 TACAGCCACCAAGGACACCTACGACGCCCTTACATGCAGGCCCTGCCCCCTCGCTAA

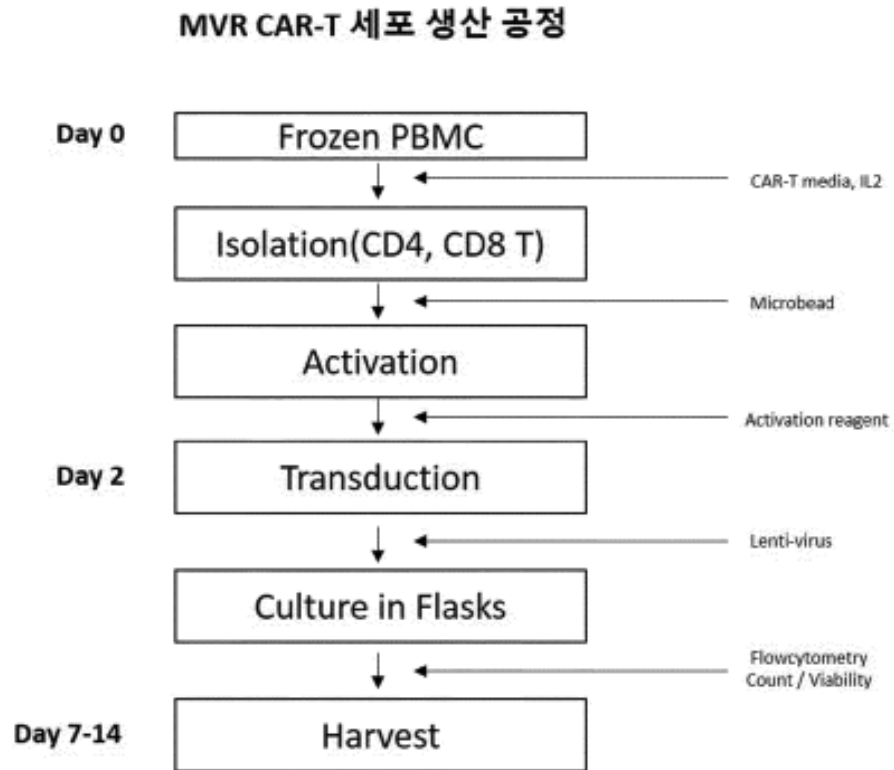
25. Woodchuck/PRE

Atcaacctctggattacaaaattgtgaaagattgactggattcttaactatgttgctcctttacgctatgtggatacgtgctttaatgccttg
 tatcatgctattgcttcccgatggcttcatcttctccttgataaactcgttgctgctctttatgaggagttgtgcccgttgtaggcaa
 cgtggcgtggtgtgcactgtgttgctgacgcaacccccactggttggggcattgccacacctgtagctccttccgggaacttgccttccc
 cctccctattgccacggcggaactcatcgccgctgccttgcccgctgctggacaggggctcggctgttgggcactgacaattccgtggtgt
 tgtcggggaagctgacgtccttccatggctgctgcctgtgttgccacctggattctgcgggacgtccttctgctacgtccttccgccc
 aatccagcggaacttctcccgccgctgctgcggctctgcggcctcttcgctcttcgcttgcctcagacgagtcggatctccttgg
 ggccgctccccgctg

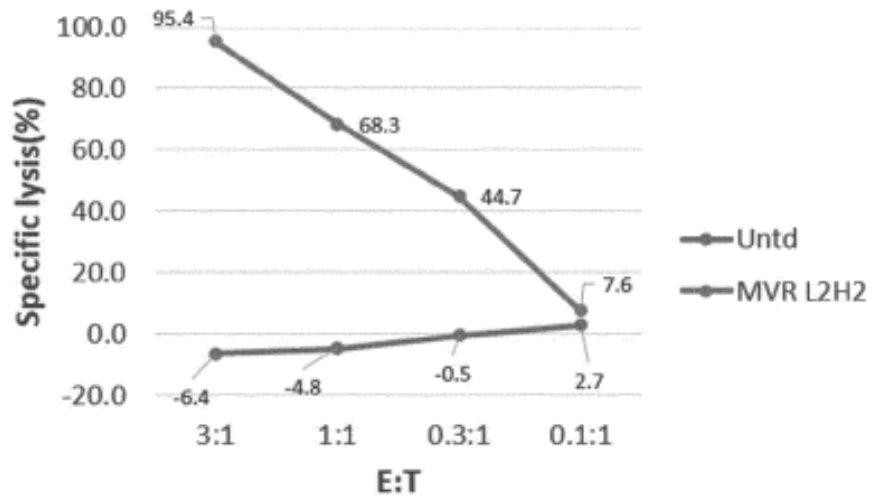
26. R/region

GGGTCTCTCTGGTTAGACCAGATCTGAGCCTGGGAGCTCTCTGGCTAACTAGGGAACCCACTGCTTAAGCCTC
 AATAAAGCTTGCCTTGAGTGCTCA

[FIG. 8]

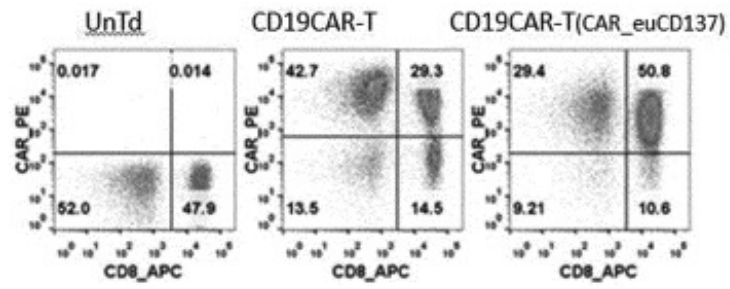
**MVR CAR-T Cell Production Process**

[FIG. 9]

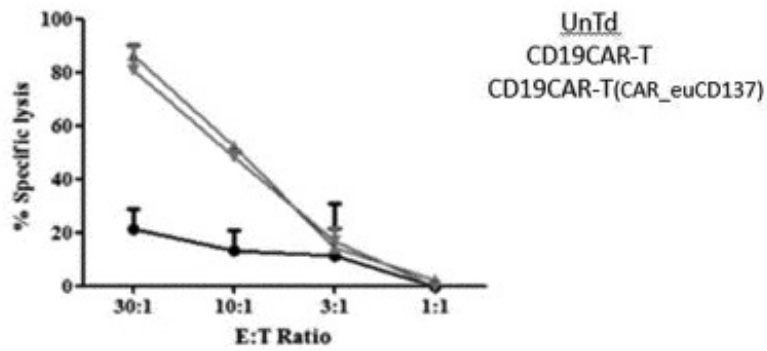


[FIG. 10]

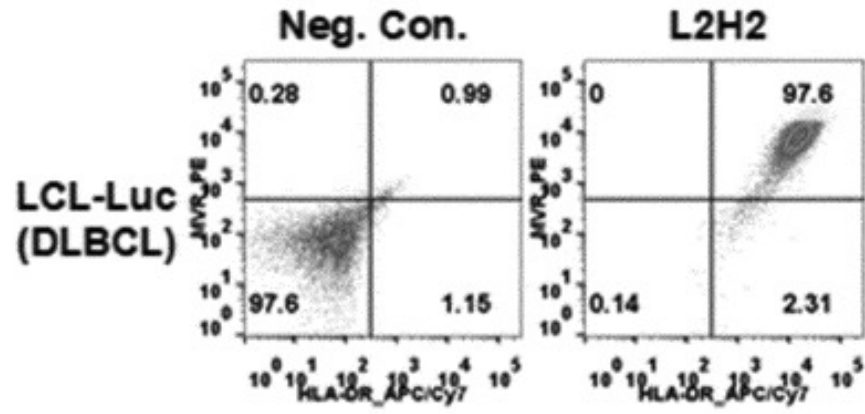
A. CAR expression (Day 14)



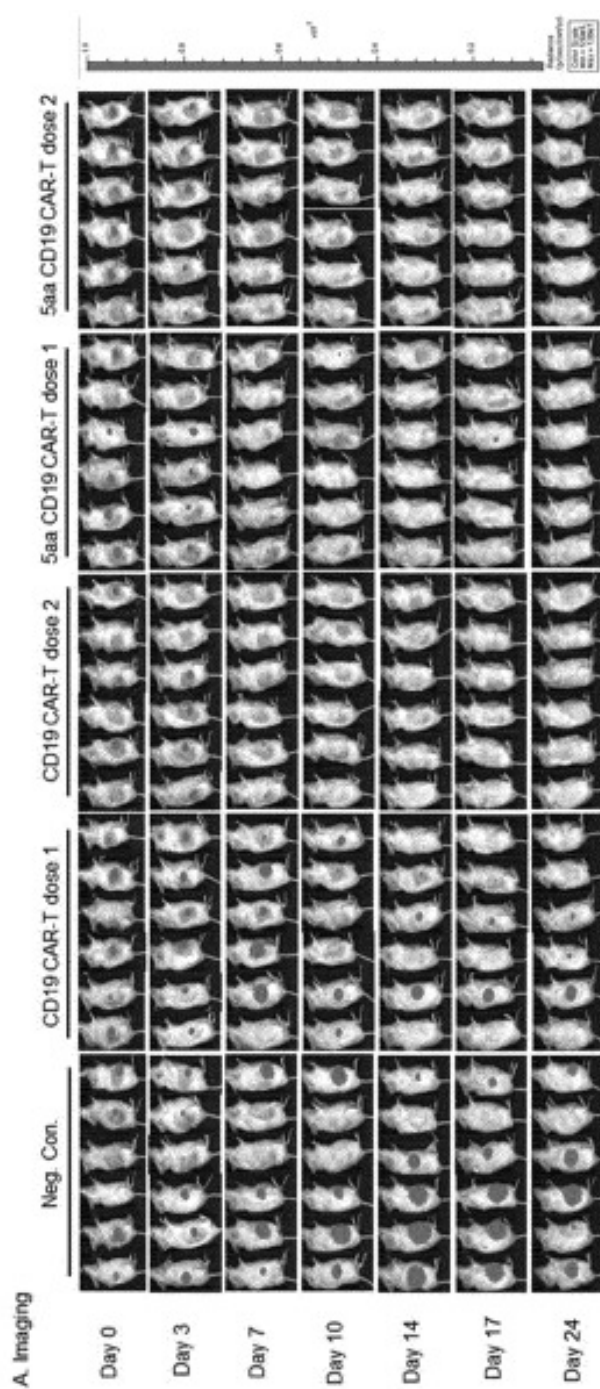
B. Killing activity (4 hr)



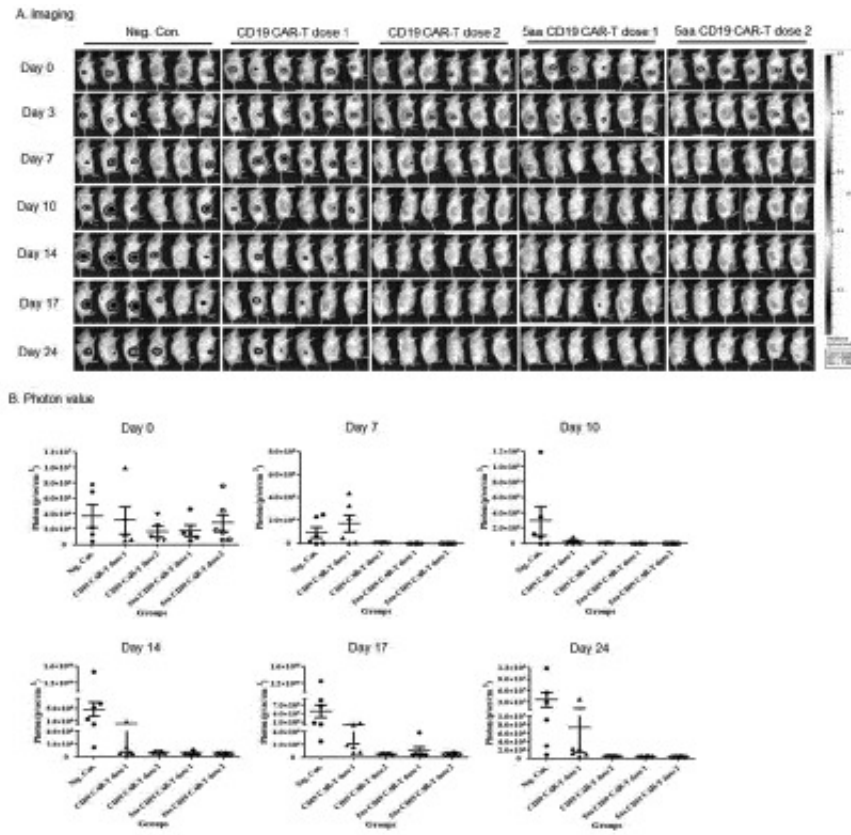
[FIG. 11]



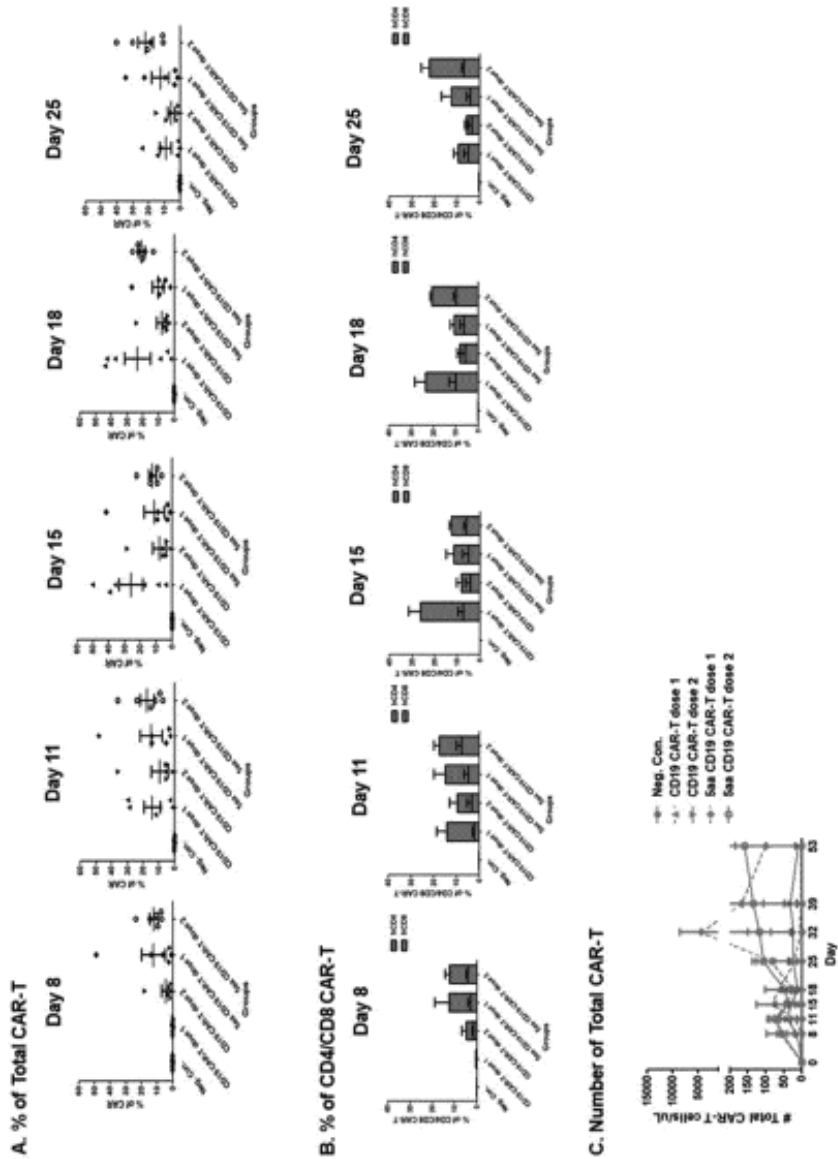
[FIG. 12a]



[FIG. 12b]

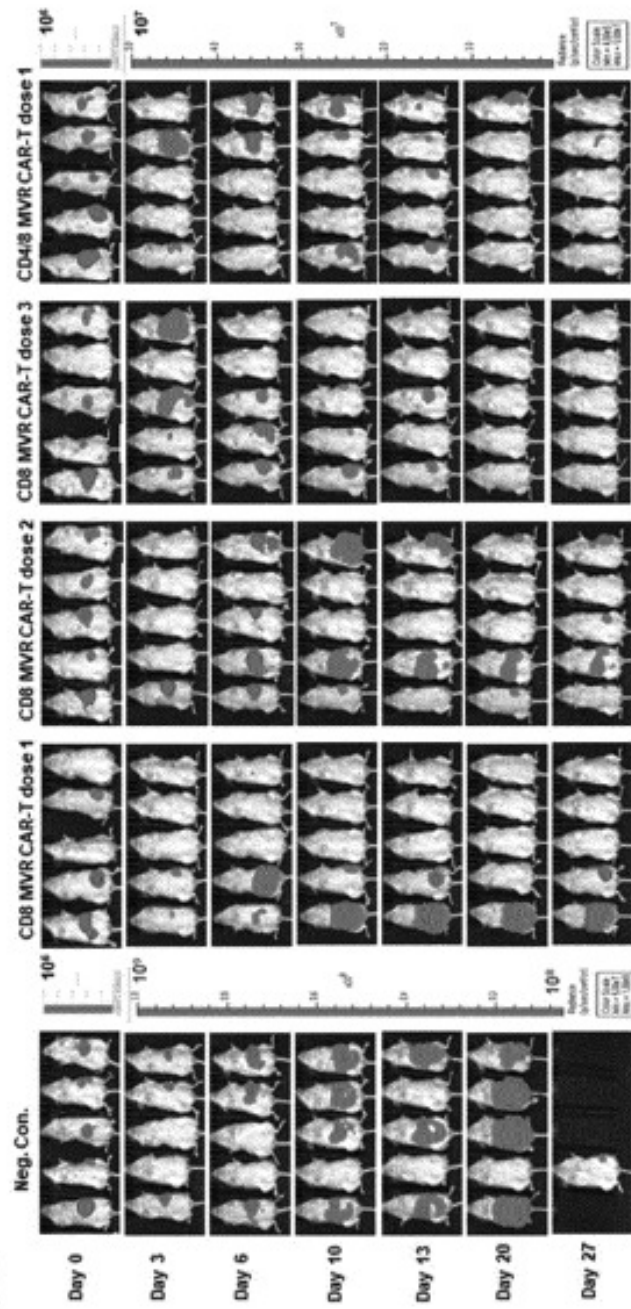


[FIG. 13]



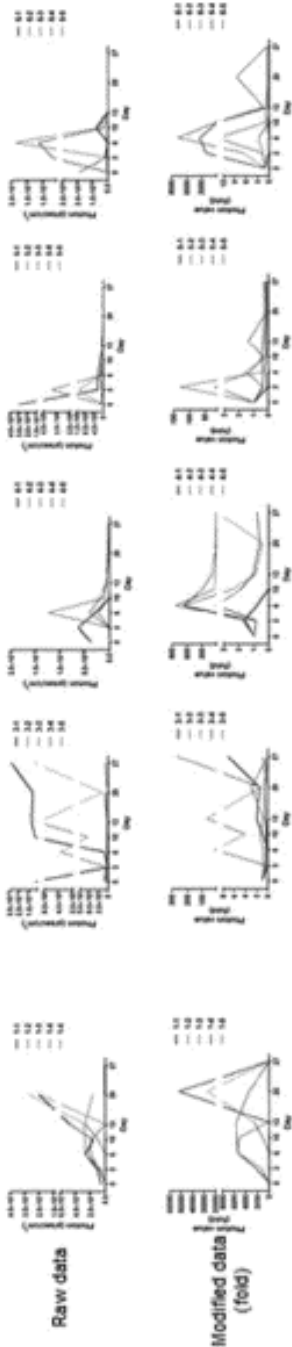
[FIG. 14a]

A. Imaging



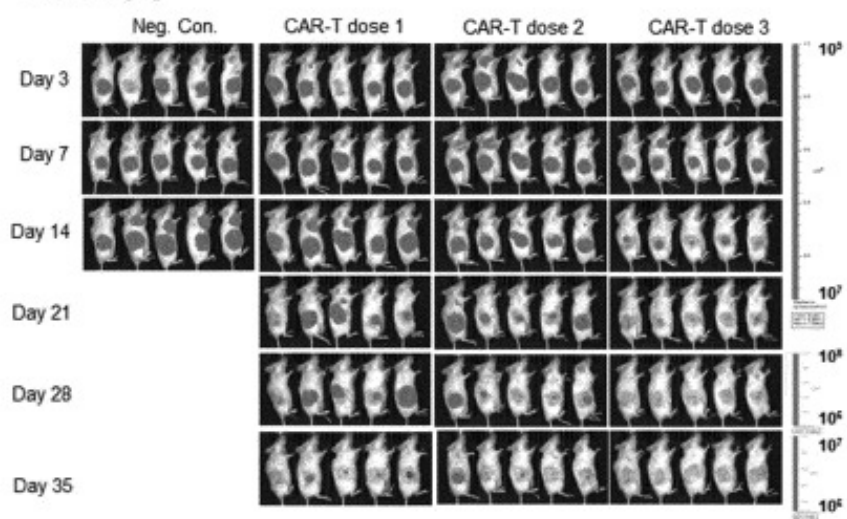
[FIG. 14b]

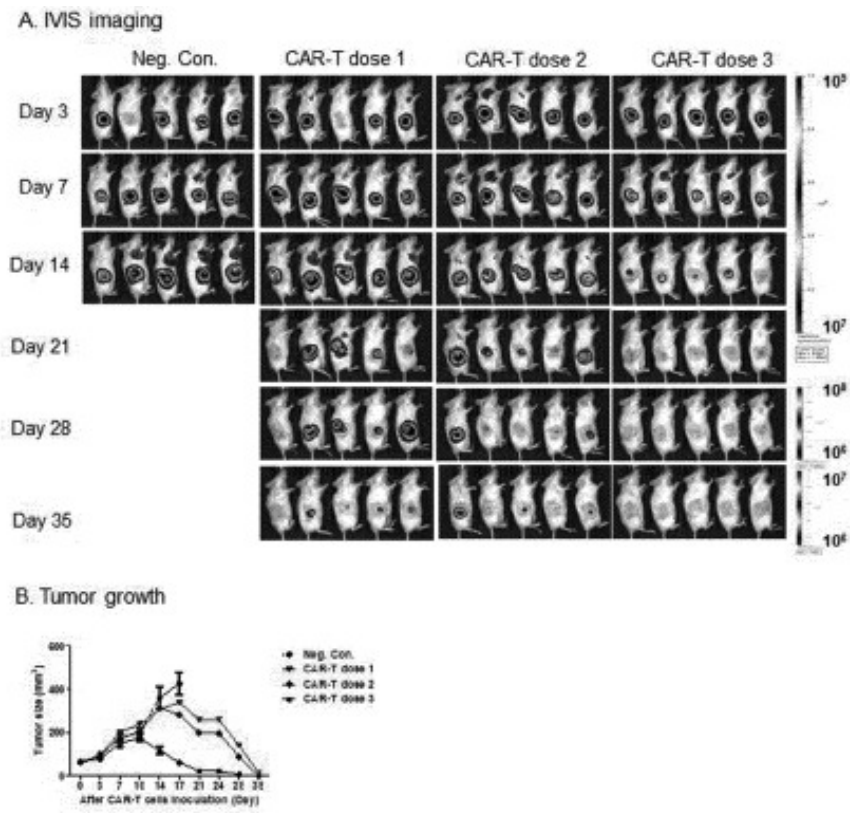
B. Photon value



[FIG. 15a]

A. MIS imaging

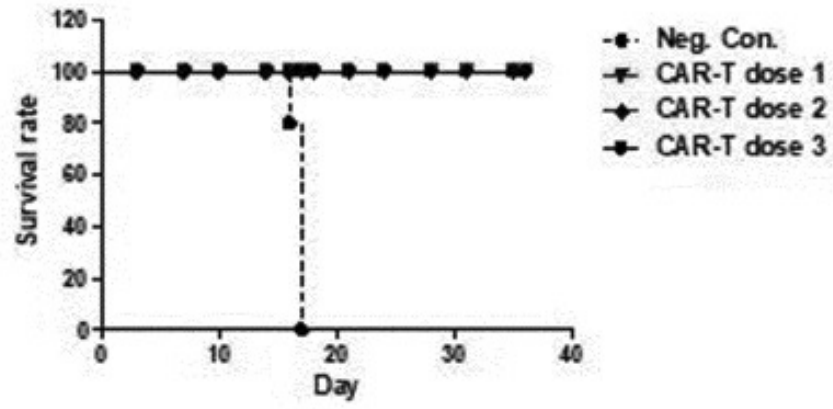




[FIG. 15b]

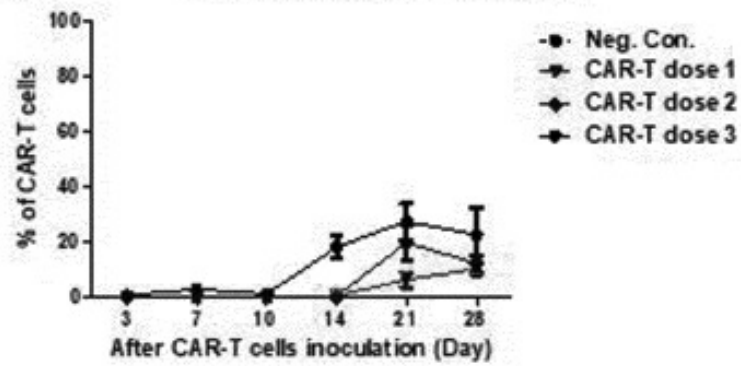
[FIG. 16]

Survival rate



[FIG. 17]

A. % of CAR-T cells in mouse blood



B. Number of CAR-T cells in mouse blood

