

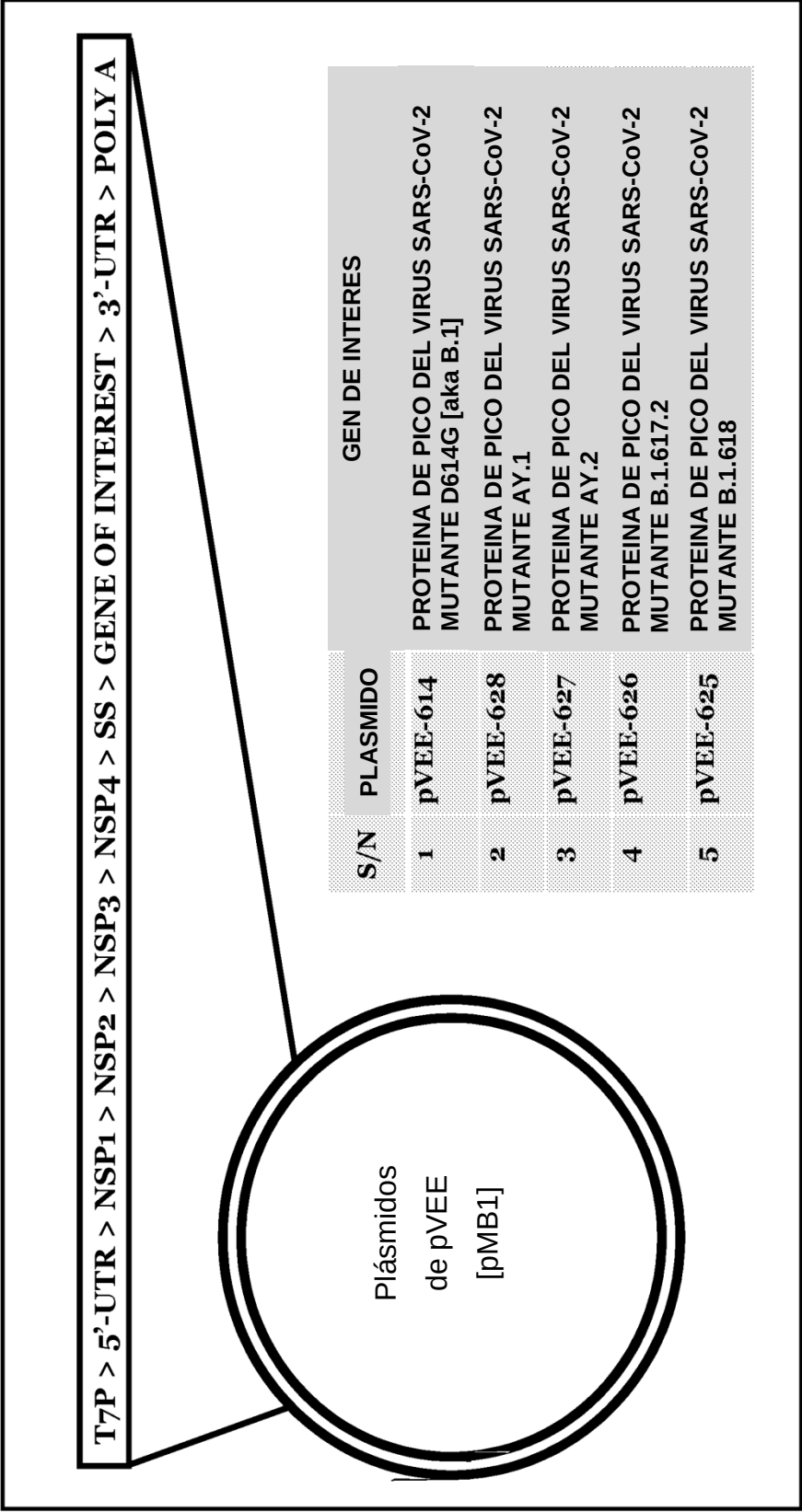


FIGURA 1

SEQ ID NO: 1

**PROTEÍNA PICO DE SARS-CoV-2  
VARIANTE B.1**

```

      10      20      30      40      50      60      70
MEVFLVLLLEL VSSQCVNLTT RTQLPPAYTN SFTRGVYYPD KVFSSSVLHS TQDLFLPFFS NVTWFHAIHV

      80      90     100     110     120     130     140
SGTNGTKREFD NPVLPFNDGV YFASTEKSN IIRGWIFGTTL DSKTQSLIV NNATNVVIKV CEFQFCNDPF

     150     160     170     180     190     200     210
LGVYYHKNNK SWMESEFRVY SSANNCFFY VSQPFILMDLE GKQGNFKNLR EYVFNIDGY FKIYSKHTPI

     220     230     240     250     260     270     280
NLVRDLPGGF SALEPLVDLP IGINITRFQT LLALHRSYLT PGDSSSGWTA GAAAYVGYL QPRTFLKYN

     290     300     310     320     330     340     350
ENGITDAVD CALDELSETK CTLKSFTVEK GIYQTSNFRV QPTESIVRFP NITNLCPFGE VFNATRFASV

     360     370     380     390     400     410     420
YAWNRKRISN CVADISVLN SASFSTFKCY GVSPTKLNDL CFTNVYDSF VIRGDEVRI APGQTGKIAD

     430     440     450     460     470     480     490
YNYKLPDDFT GCVIAWNSNN LDSKVGNNY YLYRLFRSN LKPFERDIST EIQAGSTPC NGVEGFNCYF

     500     510     520     530     540     550     560
PLQSYGFQFT NGVGYQPIRV VVLSFELLHA PATVCGPKKS TNLVKNKCVN FNFNGLTGTG VLTESNKKFL

     570     580     590     600     610     620     630
PFQQFGRDIA DTTDAVRDPQ TLEILDITPC SFGGVSITP GTNTSNQVAV LYQGVNCTEV PVAIHADQLT

     640     650     660     670     680     690     700
PTWRVYSTGS NVFQTRAGCL IGAEHVNNSY ECDIPIGAGI CASYQTQNS PSGAGSVASQ SIIAYTMSLG

     710     720     730     740     750     760     770
AENSVAYSNN SIAIPTNFTI SVTTEILPVS MTKTSVDCIM YICGDSIECS NLLQYGSFC TQLNRALTGI

     780     790     800     810     820     830     840
AVEQDKNTQE VFAQVKQIYK TPPIKDFGGF NFSQILPDPS KPSKRSFIED LLFNKVTIAD AGFIKQYGDC

     850     860     870     880     890     900     910
LGDIAARDLI CAQKFENGLV LPPLLDEMI AQYTSALLAG TITSGWTFGA GAALQIPFAM QMAYRFNGIG

     920     930     940     950     960     970     980
VTQNVLYENQ KLIANQNSA IGKIQDSLSS TASALGKLQD VVNQNAQALN TLVKQLSSNF GAISSVLNDI

     990    1000    1010    1020    1030    1040    1050
LSRLDPPEAE VQIDRLITGR LQSLQTVVTQ QLIRAAEIRA SANLAATKMS ECVLGQSKRV DFCGKGHYLM

    1060    1070    1080    1090    1100    1110    1120
SFPQSAPHGV VFLHVTYVPA QEKNTTAPA ICHDGKAHFP REGVFVSNGT HWFVTQRNFY EPQIITDNT

    1130    1140    1150    1160    1170    1180    1190
FVSGNCDDVI GIVNNTVYDP LQPELDSFKE ELDKYFKNHT SPDVDLGDIS GINAVVNIQ KEIDRLNEVA

    1200    1210    1220    1230    1240    1250    1260
KNLNLSDIDL QELGKYEQYI KWPWYINLGF IAGLIAIVMV TIMLCMTSC CSCLGCCSC GSCCKFDEDD

    1270
SEPVLGKVKL HYT**
```

FIGURA 2

SEQ ID NO: 1

**PROTEÍNA PICO DE SARS-CoV-2  
VARIANTE WUHAN-HU-1**

```

      10      20      30      40      50      60      70
MFVFLVLLFL VSSQCVNLTT RTQLPPAYTN SFTRGVYYPD KVFSSSVLHS TQDLFLPFFS NVTWFHAIHV

      80      90     100     110     120     130     140
SGTNGTKRFD NPVLFPNDGV YFASTEKSNI IRGWIFGTTL DSKTQSLIV NNATNVVIKV CEFQFCNDPF

     150     160     170     180     190     200     210
LGVYHKNNK SWMESEFRVY SSANCTFEY VSQPFLLMLE GKQGNFKNLR EFVFNIDGY FKIIYKHTPI

     220     230     240     250     260     270     280
NLVRDLPQGF SALEPLVDLP IGINITRFQT LLALHRSVLT PGDSSSGWTA GAAAYVGYL QPRTFLKYN

     290     300     310     320     330     340     350
ENGTITDAVD CALDPLSETK CTLKSFTVEK GIYQTSNFRV QPTESIVRFP NITNLCPFGE VFNATRFASV

     360     370     380     390     400     410     420
YAWNRKRISN CVADISVLIN SASFSTFKCY GVSPTKLNDL CFTNVYADSF VIRGDEVQI APGQTGKIAD

     430     440     450     460     470     480     490
YNYKLPDDFT GCVIAWNSNN LDSKVGGNYN YLYRLFRKSN LKPFERDIST EIYQAGSTPC NGVEGFNCYF

     500     510     520     530     540     550     560
PLQSYGFQPT NGVGYPYRV VVLSFELLHA PATVCGPKKS TNLVKNKCVN FNFNGLTGTG VLTESNKKFL

     570     580     590     600     610     620     630
PFQQFGRIA DTTDAVRDPQ TLEILDITPC SFGGVSVITP GTNTSNQVAV LYQGVNCTEV PVAIHADQLT

     640     650     660     670     680     690     700
PTWRVYSTGS NVFQTRAGCL IGAHVNNNSY ECDIPIGAGI CASYQTQNS PSGAGSVASQ SIIAYTMSLG

     710     720     730     740     750     760     770
AENSVAYSNN SIAIPTNFTI SVTTEILPVS MTKTSVDCTM YICGDSSTEC NLLQYGSFC TQLNRALTGI

     780     790     800     810     820     830     840
AVEQDKNTQE VFAQVKQIYK TPPIKDFGGF NFSQILPDPS KPSKRSFIED LLFNKVTLAD AGFIKQYGDC

     850     860     870     880     890     900     910
LGDIAARDLI CAQKFNGLTV LPPLLDEMI AQYTSALLAG TITSGWTFGA GAALQIPFAM QMAYRFNGIG

     920     930     940     950     960     970     980
VTQNVLYENQ KLIANQFNSA IGKIQDSLSS TASALGKLQD VVNQNAQALN TLVKQLSSNF GAISSVLNDI

     990    1000    1010    1020    1030    1040    1050
LSRLDPPEAE VQIDRLITGR LQSLQTYVTQ QLIRAAEIRA SANLAATMS ECVLGQSKRV DFCGKGHYLM

    1060    1070    1080    1090    1100    1110    1120
SFPQSAPHGV VFLHVTYVPA QEKNTTAPA ICHDGKAHFP REGVFVSNGT HWFVTQRNFY EPQIITDNT

    1130    1140    1150    1160    1170    1180    1190
FVSGNCDVVI GIVNNTVYDP LQPELDSFKE ELDKYFKNHT SPDVDLGDIS GINASVVNIQ KEIDRLNEVA

    1200    1210    1220    1230    1240    1250    1260
KNLNESLIDL QELGKYEQYI KWPWYIWLGF IAGLIAIVMV TIMLCMTSC CSCLGKCCSC GSCKCFDEDD

    1270
SEPVLKGVKL HYT**
```

FIGURA 2-1

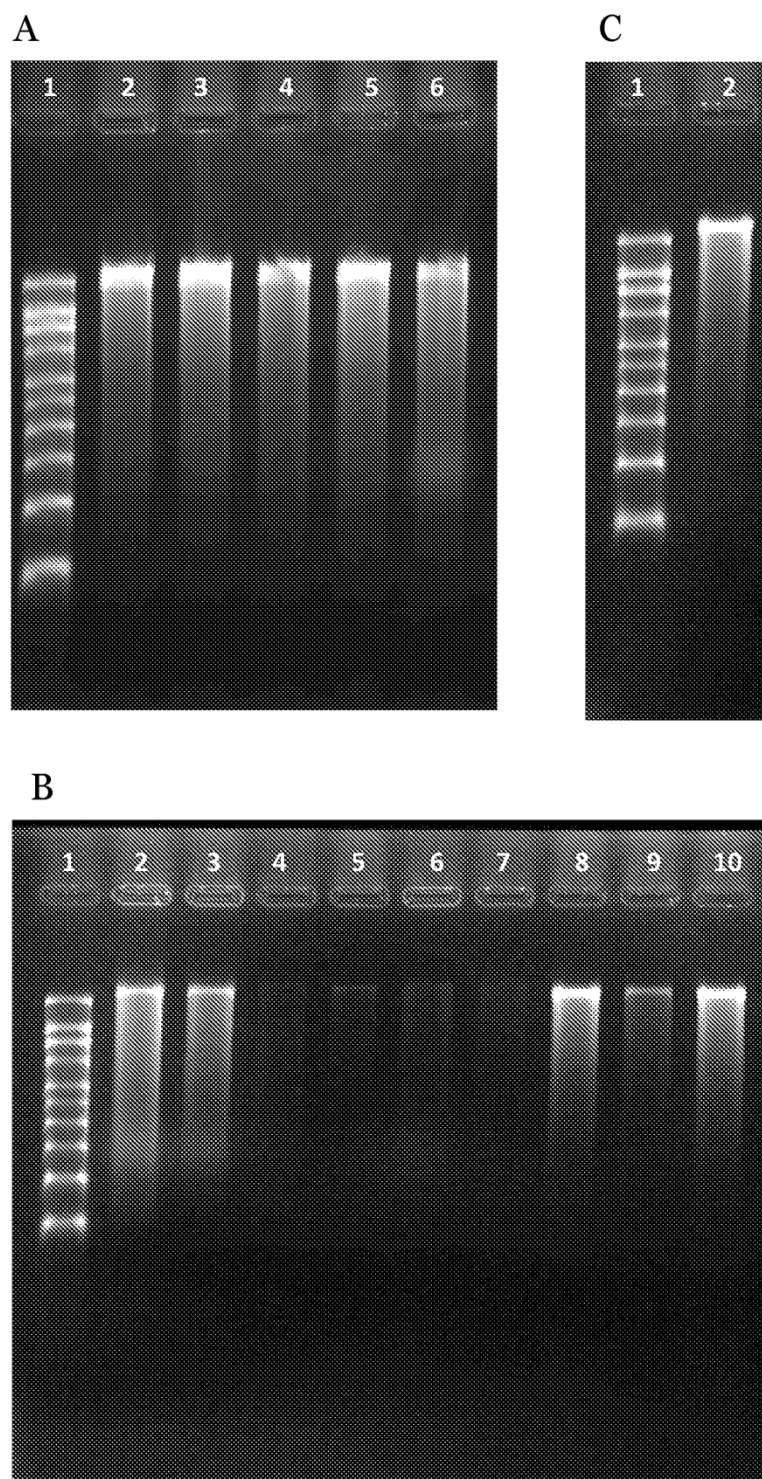
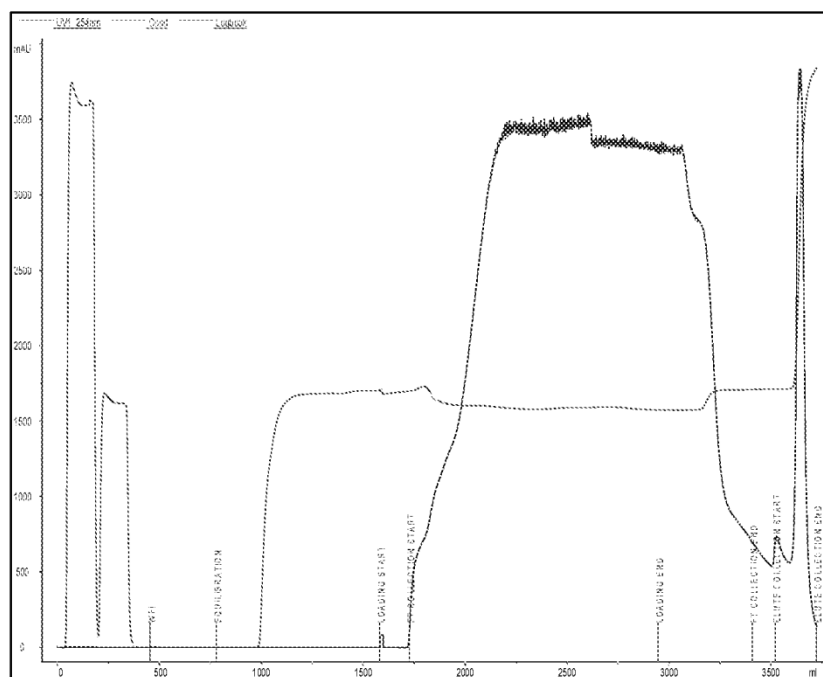


FIGURA 3

A



B

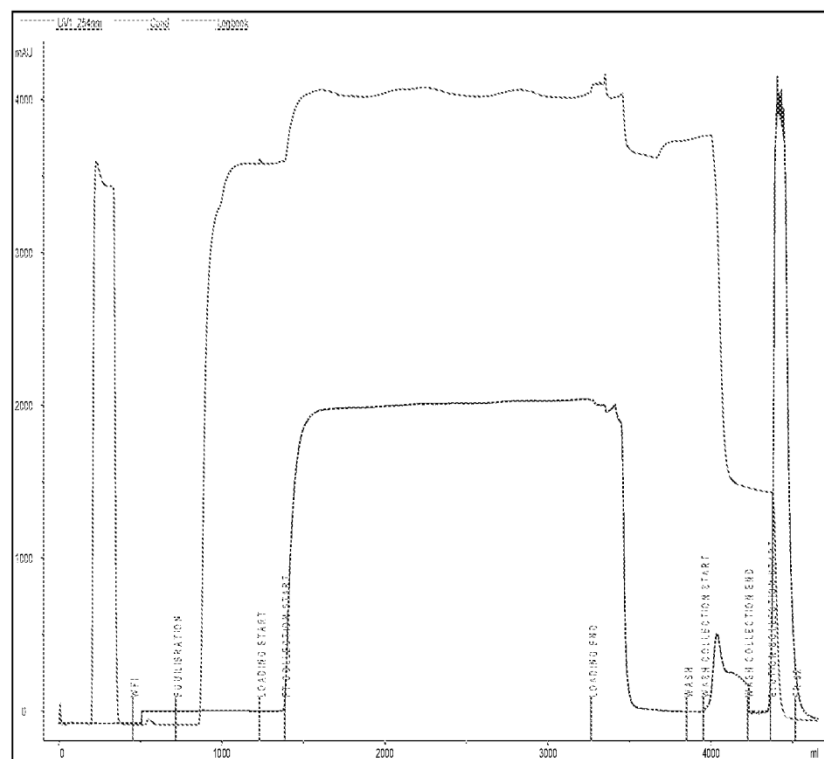
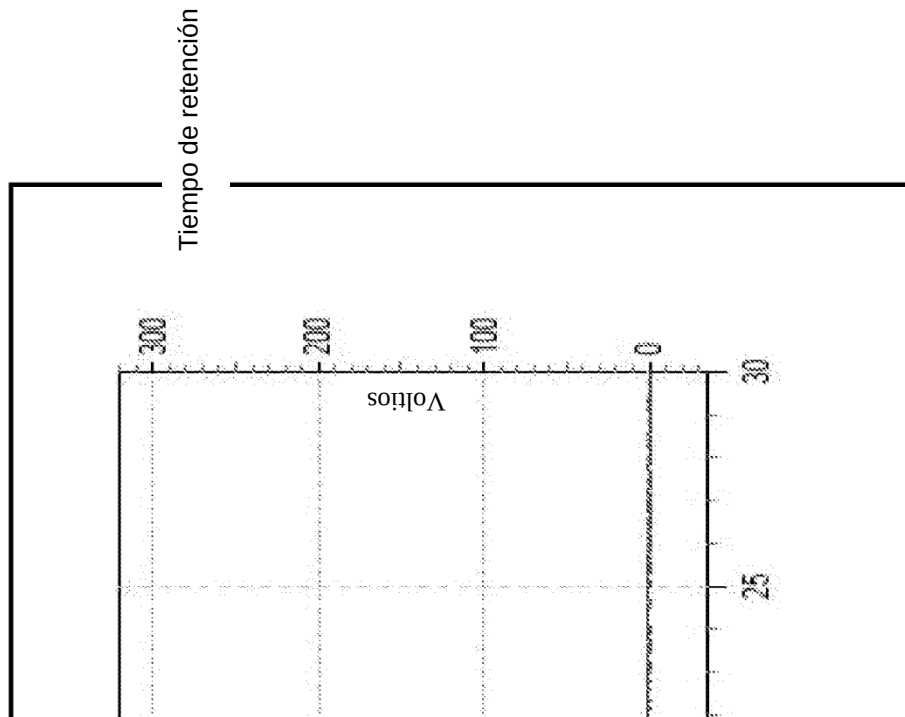


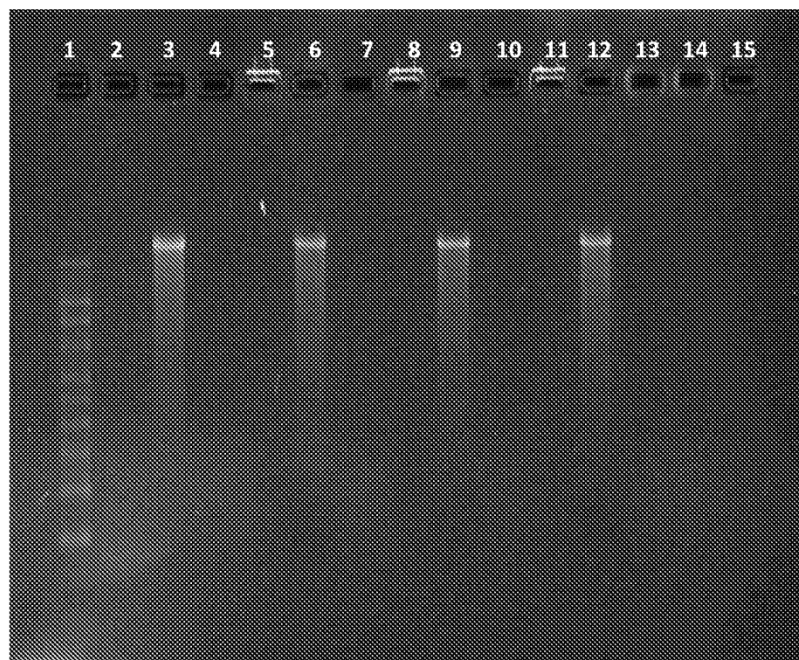
FIGURA 3-1



Minutos

FIGURA 4

A



B

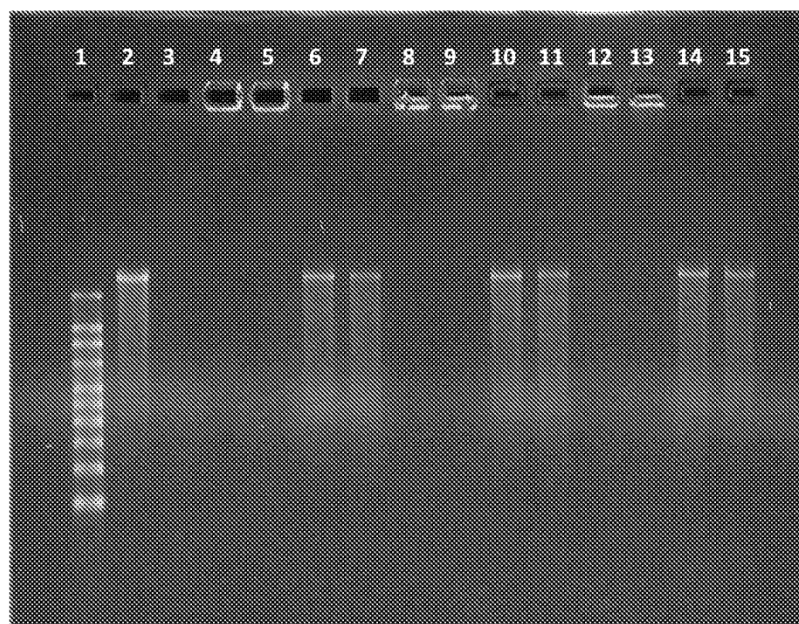


FIGURA 5

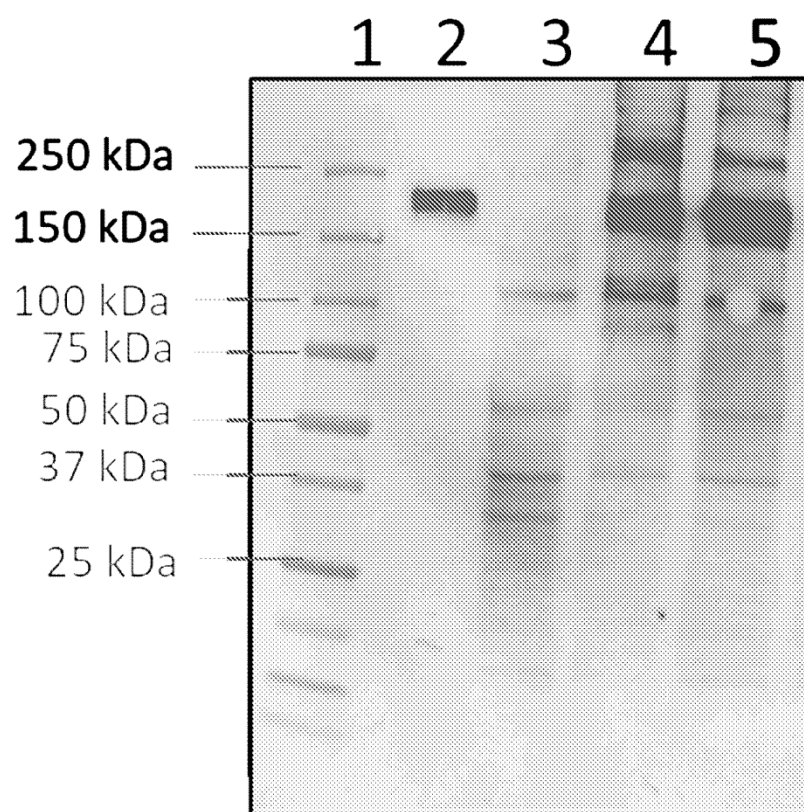


FIGURA 5-1

Respuesta RBD IgG de la vacuna de mRNA

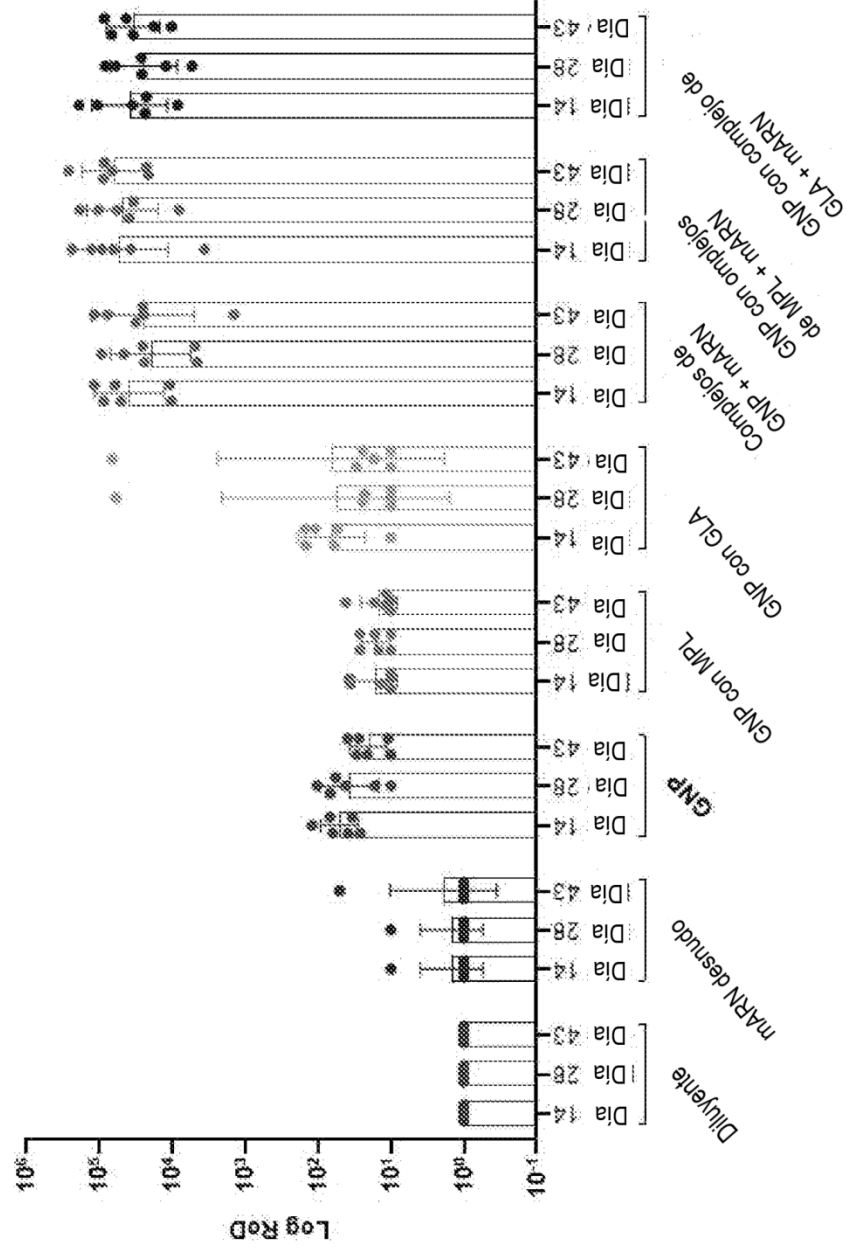


FIGURA 6

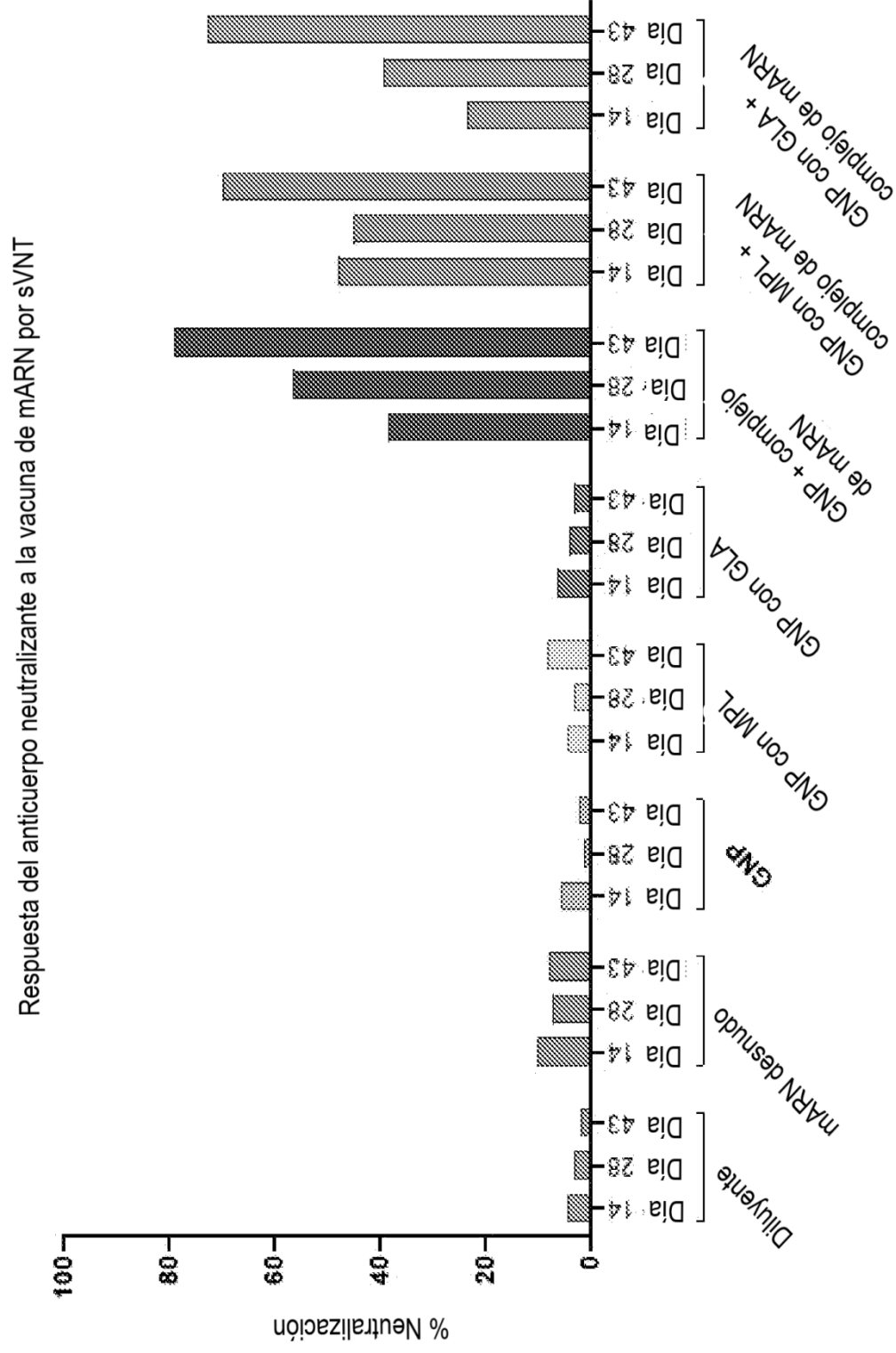


FIGURA 7