

|                 |                                                                |
|-----------------|----------------------------------------------------------------|
| B09_VH          | QVELVESGGGVVQPGRSQRLSCAASGFTFSSHGMHWVRQAPGKGLEWVAI IAGDASTTYY  |
| B02_VH          | QVELVESGGGVVQPGRSQRLSCAASGFTFSSSTGMHWVRQAPGKGLEWVAI IWFDGSSTYY |
| C10_VH          | QVELVESGGGVVQPGRSQRLSCAASGFTFSSAGMHVVRQAPGKGLEWVAI IWADGSSTYY  |
| D10_VH          | QVELVESGGGVVQPGRSQRLSCAASGFTFSSYGMHWVRQAPGKGLEWVAI INFDSSTYY   |
| Teprotumumab_VH | QVELVESGGGVVQPGRSQRLSCAASGFTFSSYGMHWVRQAPGKGLEWVAI IWFDGSSTYY  |
| E01_VH          | QVELVESGGGVVQPGRSQRLSCAASGFTFSSYGMHWVRQAPGKGLEWVAI IWFDGSSTYY  |
| H11_VH          | QVELVESGGGVVQPGRSQRLSCAASGFTFSSYGMHWVRQAPGKGLEWVAI IWHDSSTYY   |
| B10_VH          | QVELVESGGGVVQPGRSQRLSCAASGFTFSSYGMHWVRQAPGKGLEWVAI IWFDGSSTYY  |
| A11_VH          | QVELVESGGGVVQPGRSQRLSCAASGFTFSSYGMHWVRQAPGKGLEWVAI IWFDGSSTYY  |
| F02_VH          | QVELVESGGGVVQPGRSQRLSCAASGFTFSSHGMHWVRQAPGKGLEWVAI IWFDGSSTYY  |
| D03_VH          | QVELVESGGGVVQPGRSQRLSCAASGFTFSSHGMHWVRQAPGKGLEWVAI IWFDGSSTYY  |
|                 | ***** * * ,**                                                  |
| B09_VH          | ADSVRGRFTISRDNKNTLYLQMNSLRAEDTAVYFCARELGRRYFDLWGRGTLVSVSS      |
| B02_VH          | ADSVRGRFTISRDNKNTLYLQMNSLRAEDTAVYFCARELNRRYFDLWGRGTLVSVSS      |
| C10_VH          | ADSVRGRFTISRDNKNTLYLQMNSLRAEDTAVYFCARELGRRYFDLWGRGTLVSVSS      |
| D10_VH          | ADSVRGRFTISRDNKNTLYLQMNSLRAEDTAVYFCARELGRRYFDLWGRGTLVSVSS      |
| Teprotumumab_VH | ADSVRGRFTISRDNKNTLYLQMNSLRAEDTAVYFCARELGRRYFDLWGRGTLVSVSS      |
| E01_VH          | ADSVRGRFTISRDNKNTLYLQMNSLRAEDTAVYFCARELGRRYFDLWGRGTLVSVSS      |
| H11_VH          | ADSVRGRFTISRDNKNTLYLQMNSLRAEDTAVYFCARELGRRYFDLWGRGTLVSVSS      |
| B10_VH          | ADSVRGRFTISRDNKNTLYLQMNSLRAEDTAVYFCARELGRRYFDLWGRGTLVSVSS      |
| A11_VH          | ADSVRGRFTISRDNKNTLYLQMNSLRAEDTAVYFCARELGRRYFDLWGRGTLVSVSS      |
| F02_VH          | ADSVRGRFTISRDNKNTLYLQMNSLRAEDTAVYFCARELGRRYFDLWGRGTLVSVSS      |
| D03_VH          | ADSVRGRFTISRDNKNTLYLQMNSLRAEDTAVYFCARELGRRYFDLWGRGTLVSVSS      |
|                 | ***** ,*****                                                   |

FIG. 1A

|                 |                                                              |
|-----------------|--------------------------------------------------------------|
| H11_VL          | EIVLTQSPATLSLSPGERATLSCRASQSVSSALAWYQQKPGQAPRLLIYDASKRATGIPA |
| F02_VL          | EIVLTQSPATLSLSPGERATLSCRASQSVSSALAWYQQKPGQAPRLLIYDASKRATGIPA |
| D03_VL          | EIVLTQSPATLSLSPGERATLSCRASQSVSSALAWYQQKPGQAPRLLIYDASKRATGIPA |
| Teprotumumab_VL | EIVLTQSPATLSLSPGERATLSCRASQSVSSALAWYQQKPGQAPRLLIYDASKRATGIPA |
| B02_VL          | EIVLTQSPATLSLSPGERATLSCRASQSVSSALAWYQQKPGQAPRLLIYDASKRATGIPA |
| B09_VL          | EIVLTQSPATLSLSPGERATLSCRASQSVSSALAWYQQKPGQAPRLLIYDASKRATGIPA |
| E01_VL          | EIVLTQSPATLSLSPGERATLSCRASQSVSSALAWYQQKPGQAPRLLIYDASKRATGIPA |
| B10_VL          | EIVLTQSPATLSLSPGERATLSCRASQSVSSALAWYQQKPGQAPRLLIYDASKRATGIPA |
| D10_VL          | EIVLTQSPATLSLSPGERATLSCRASQSVSSALAWYQQKPGQAPRLLIYDASKRATGIPA |
| C10_VL          | EIVLTQSPATLSLSPGERATLSCRASQSVSSALAWYQQKPGQAPRLLIYDASKRATGIPA |
| A11_VL          | EIVLTQSPATLSLSPGERATLSCRASQSVSSALAWYQQKPGQAPRLLIYDASKRATGIPA |
|                 | ***** ,*****                                                 |
| H11_VL          | RFSGSGSGTDFTLTISSELEPEDFAVYYCQQRGKYPFWTFGQGTKVESK            |
| F02_VL          | RFSGSGSGTDFTLTISSELEPEDFAVYYCQQRSKYPFWTFGQGTKVESK            |
| D03_VL          | RFSGSGSGTDFTLTISSELEPEDFAVYYCQQRSKYPFWTFGQGTKVESK            |
| Teprotumumab_VL | RFSGSGSGTDFTLTISSELEPEDFAVYYCQQRSKWPPWTFGQGTKVESK            |
| B09_VL          | RFSGSGSGTDFTLTISSELEPEDFAVYYCQQRSKYPFWTFGQGTKVESK            |
| E01_VL          | RFSGSGSGTDFTLTISSELEPEDFAVYYCQQRSKYPFWTFGQGTKVESK            |
| B10_VL          | RFSGSGSGTDFTLTISSELEPEDFAVYYCQQRSKYPFWTFGQGTKVESK            |
| D10_VL          | RFSGSGSGTDFTLTISSELEPEDFAVYYCQQRSKYPFWTFGQGTKVESK            |
| C10_VL          | RFSGSGSGTDFTLTISSELEPEDFAVYYCQQRSKYPFWTFGQGTKVESK            |
| A11_VL          | RFSGSGSGTDFTLTISSELEPEDFAVYYCQQRSKYPFWTFGQGTKVESK            |
|                 | ***** ,*****                                                 |

FIG. 1B

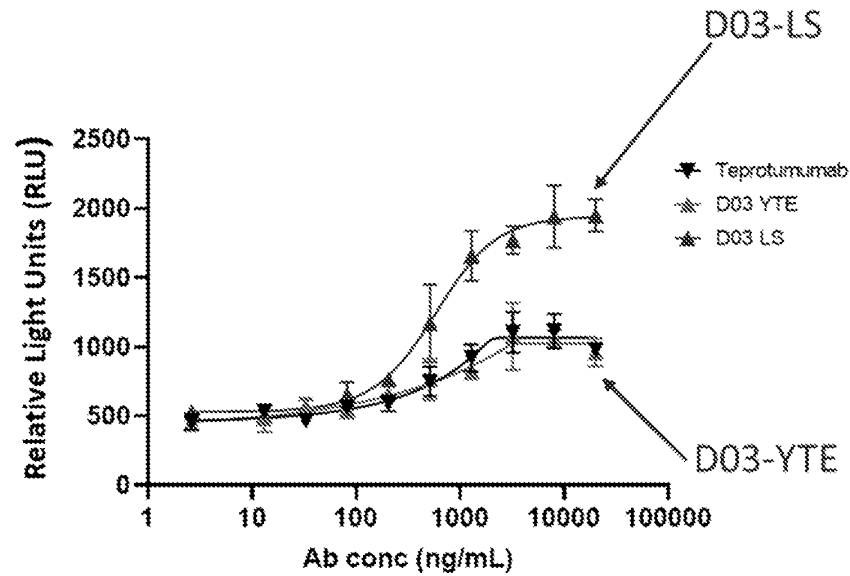


FIG. 2

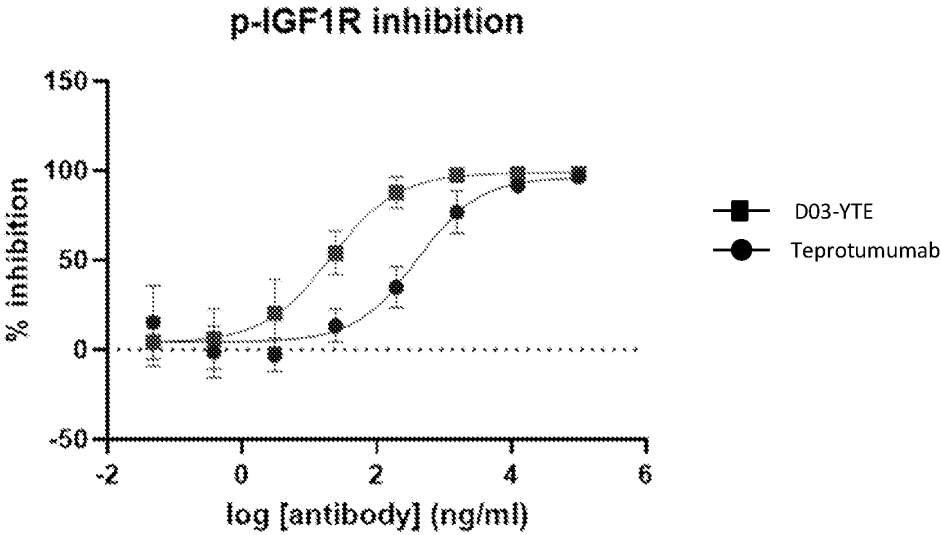


FIG. 3