

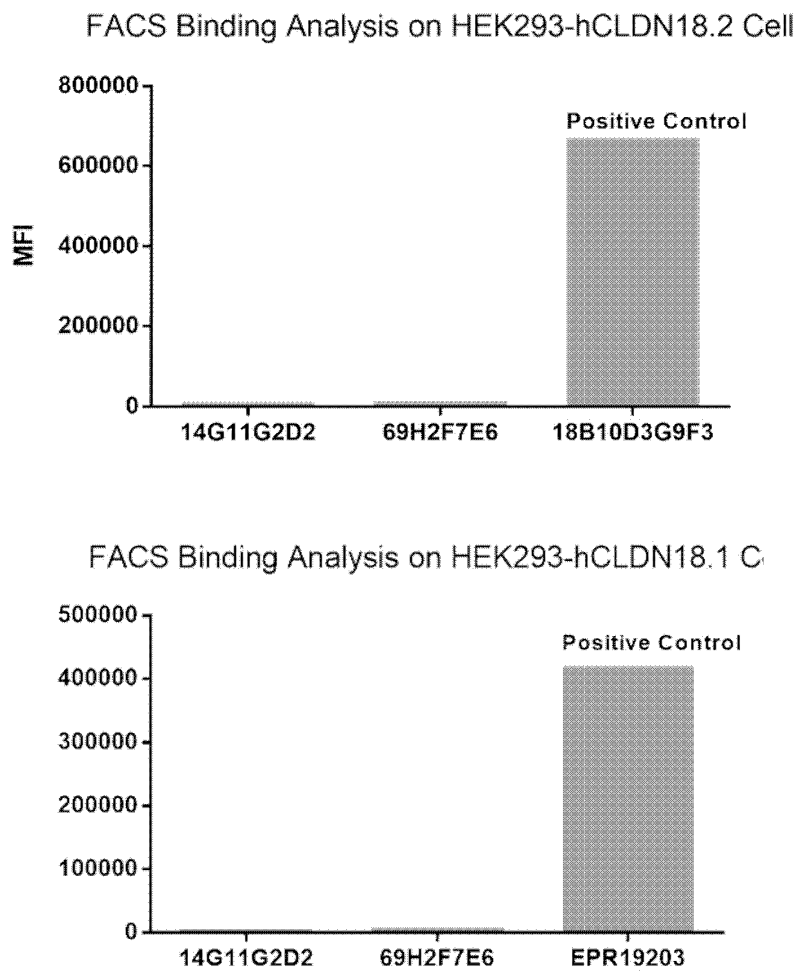


Figure 1

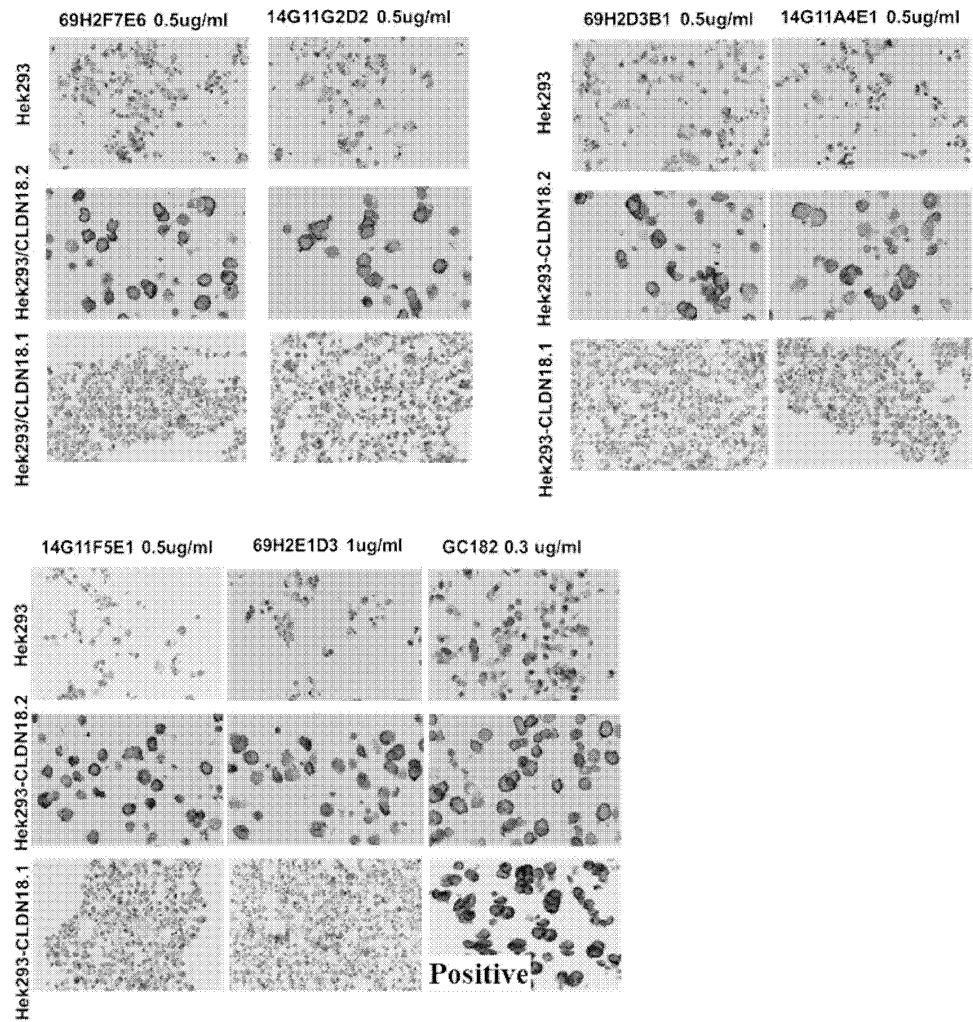


Figure 2

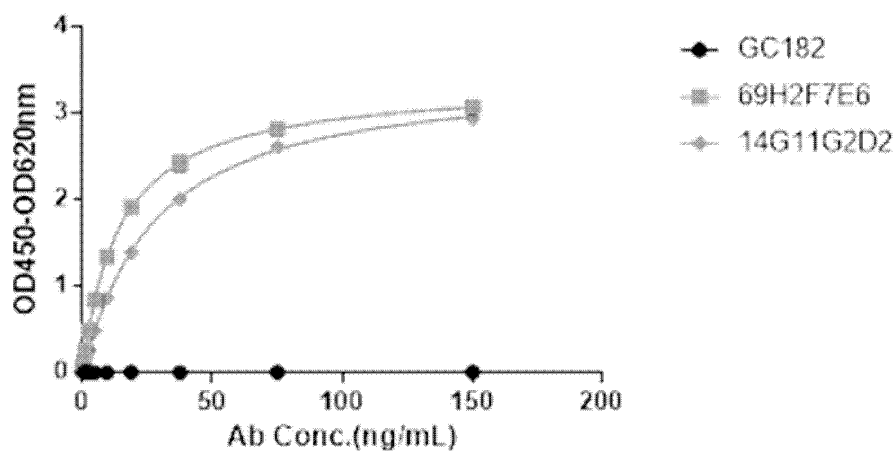


Figure 3

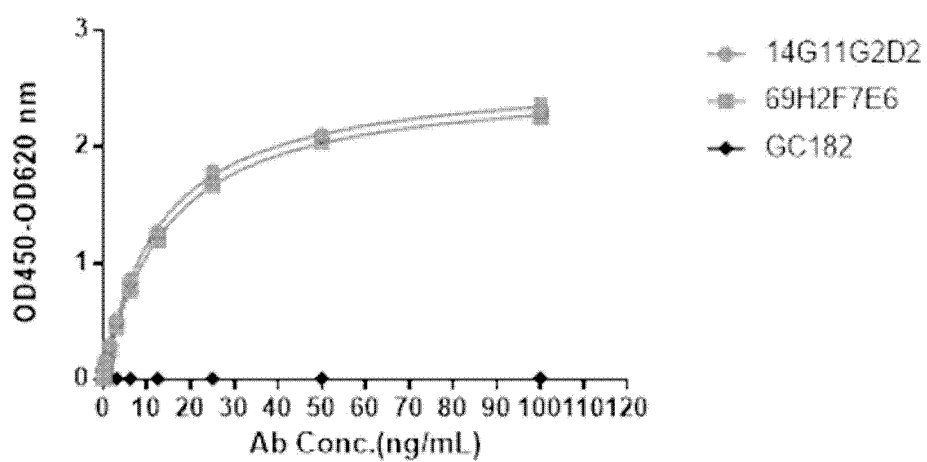


Figure 4

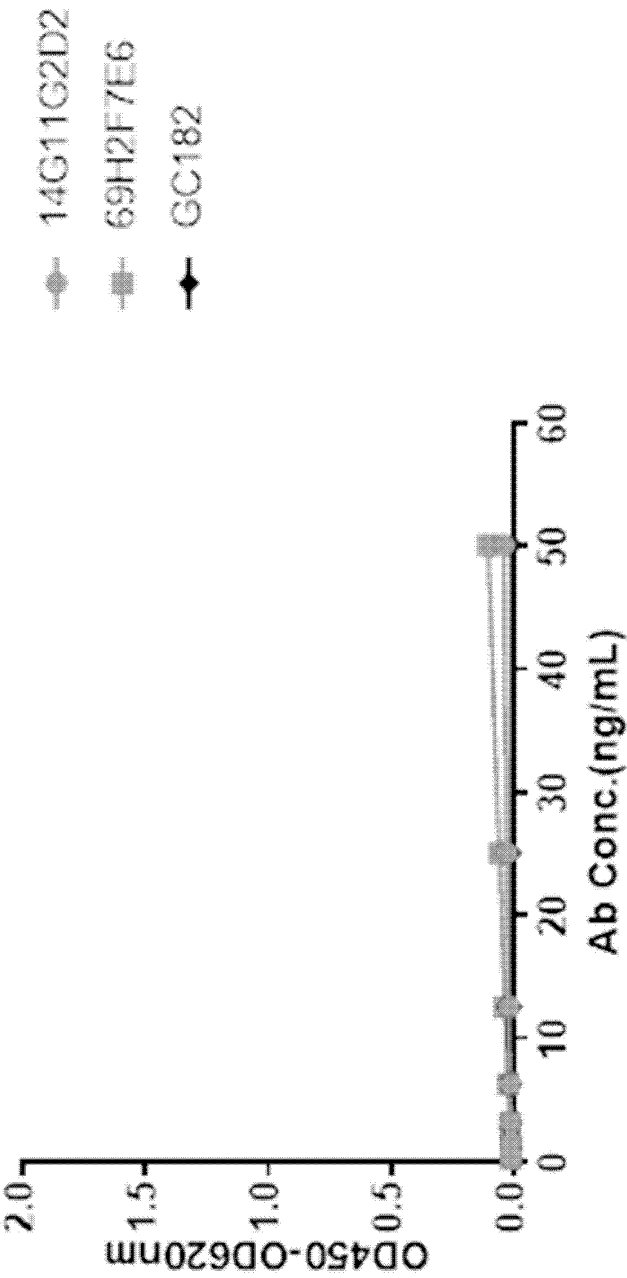
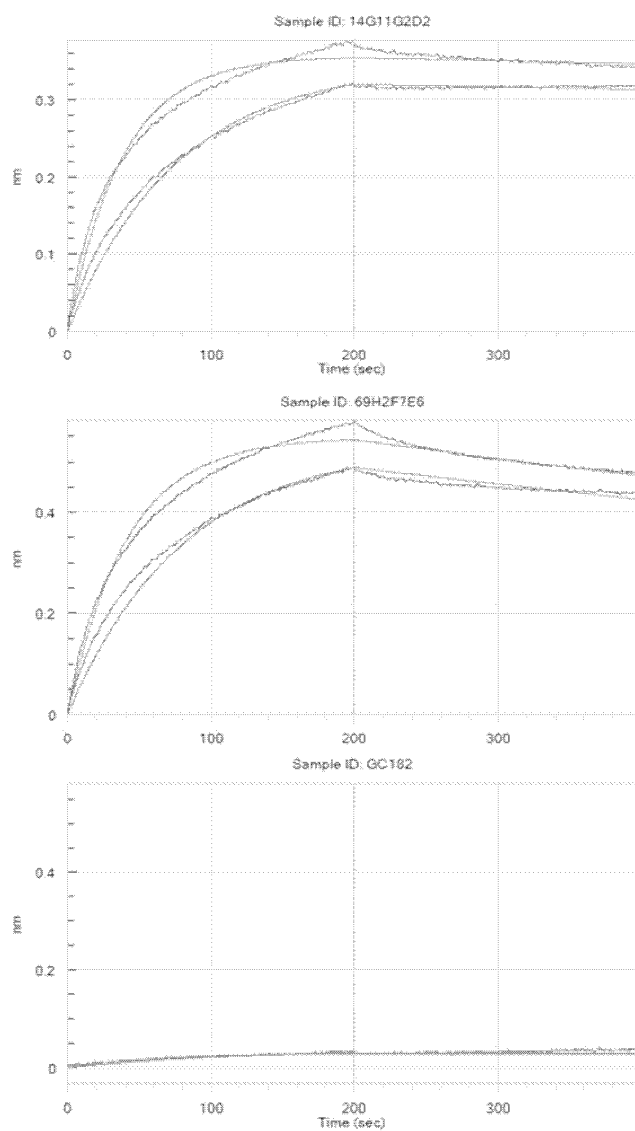


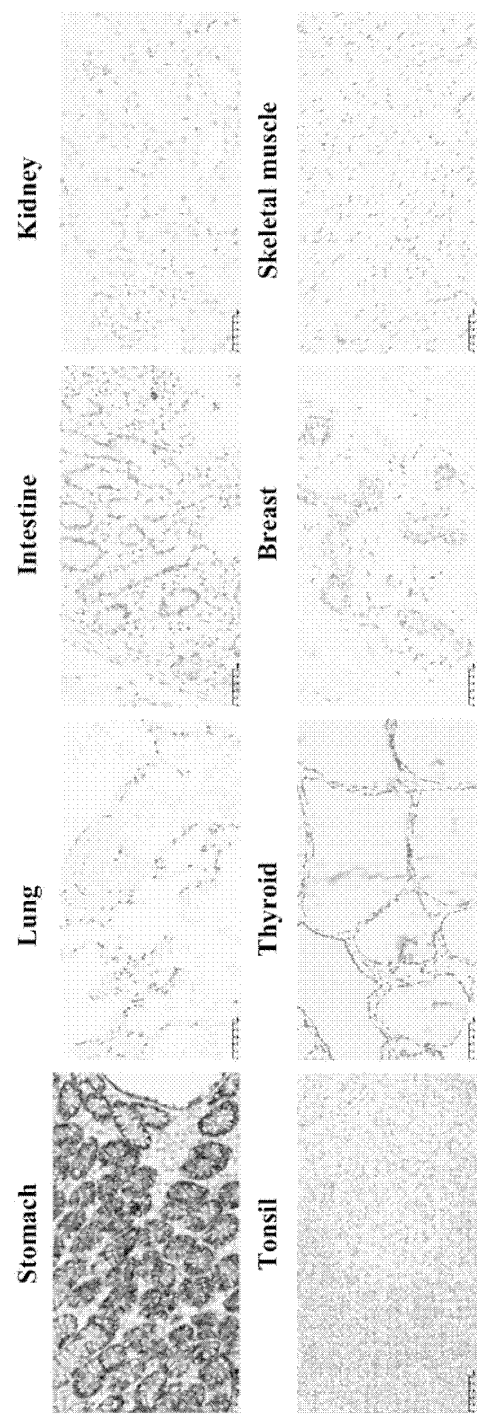
Figure 5

|              |       |          |           |
|--------------|-------|----------|-----------|
| Ab.          | GC182 | 69H2F7E6 | 14G11G2D2 |
| EC50 (ng/mL) | /     | /        | /         |

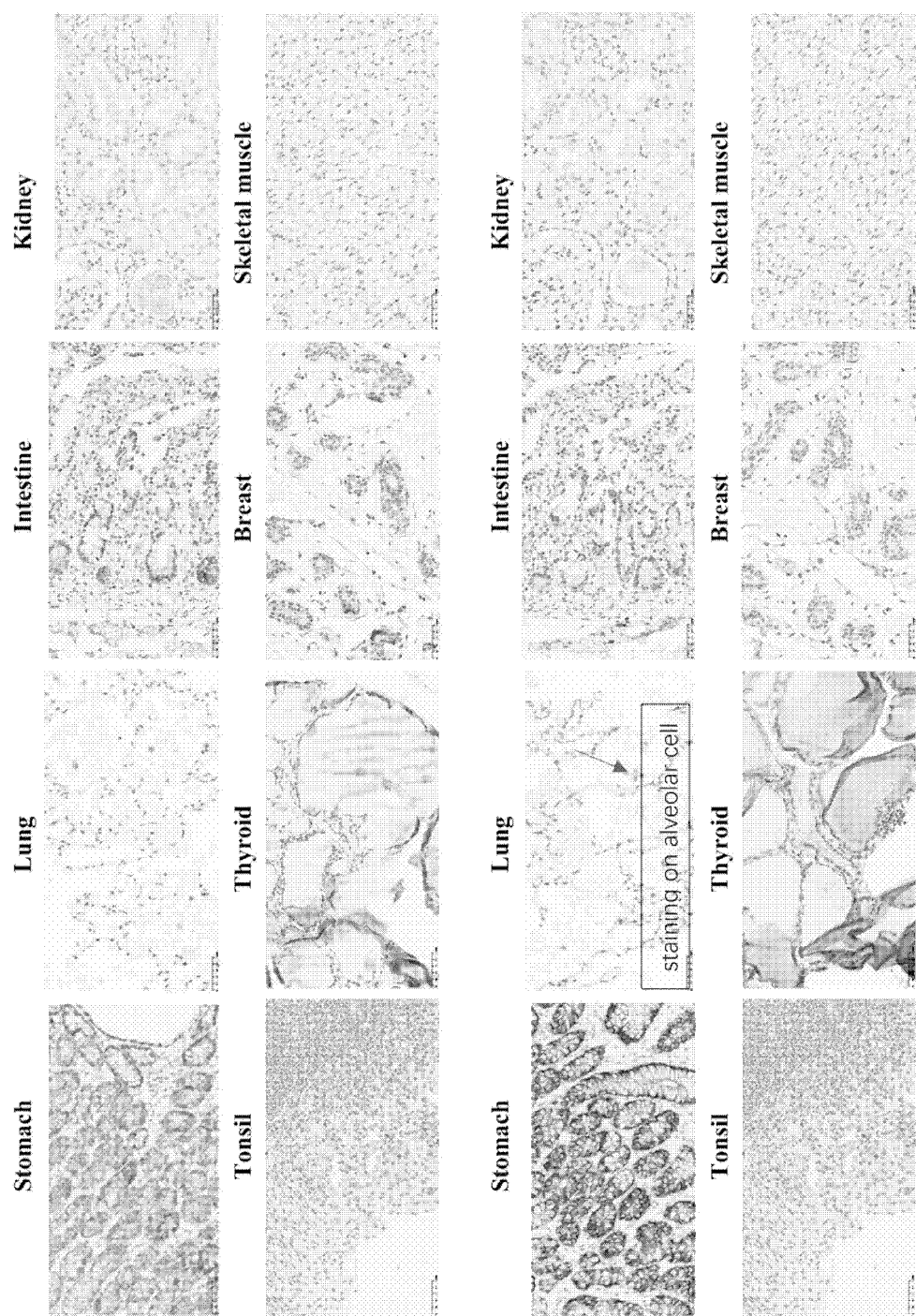


| Sample ID | KD (M)   | kon(1/Ms) | koff(1/s) |
|-----------|----------|-----------|-----------|
| 69H2F7E6  | 1.48E-09 | 4.71E+05  | 6.95E-04  |
| 14G11G2D2 | 2.13E-10 | 5.22E+05  | 1.11E-04  |
| GC182     | /        | /         | /         |

Figure 6



14G11G2D2  
Figure 7A



69H2F7E6

GC182

Figure 7B

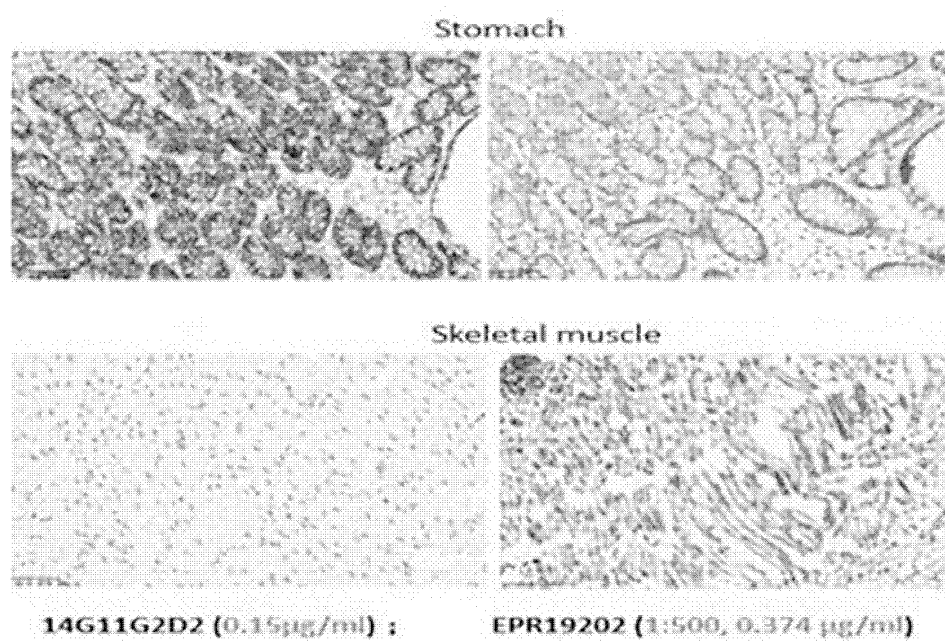


Figure 8

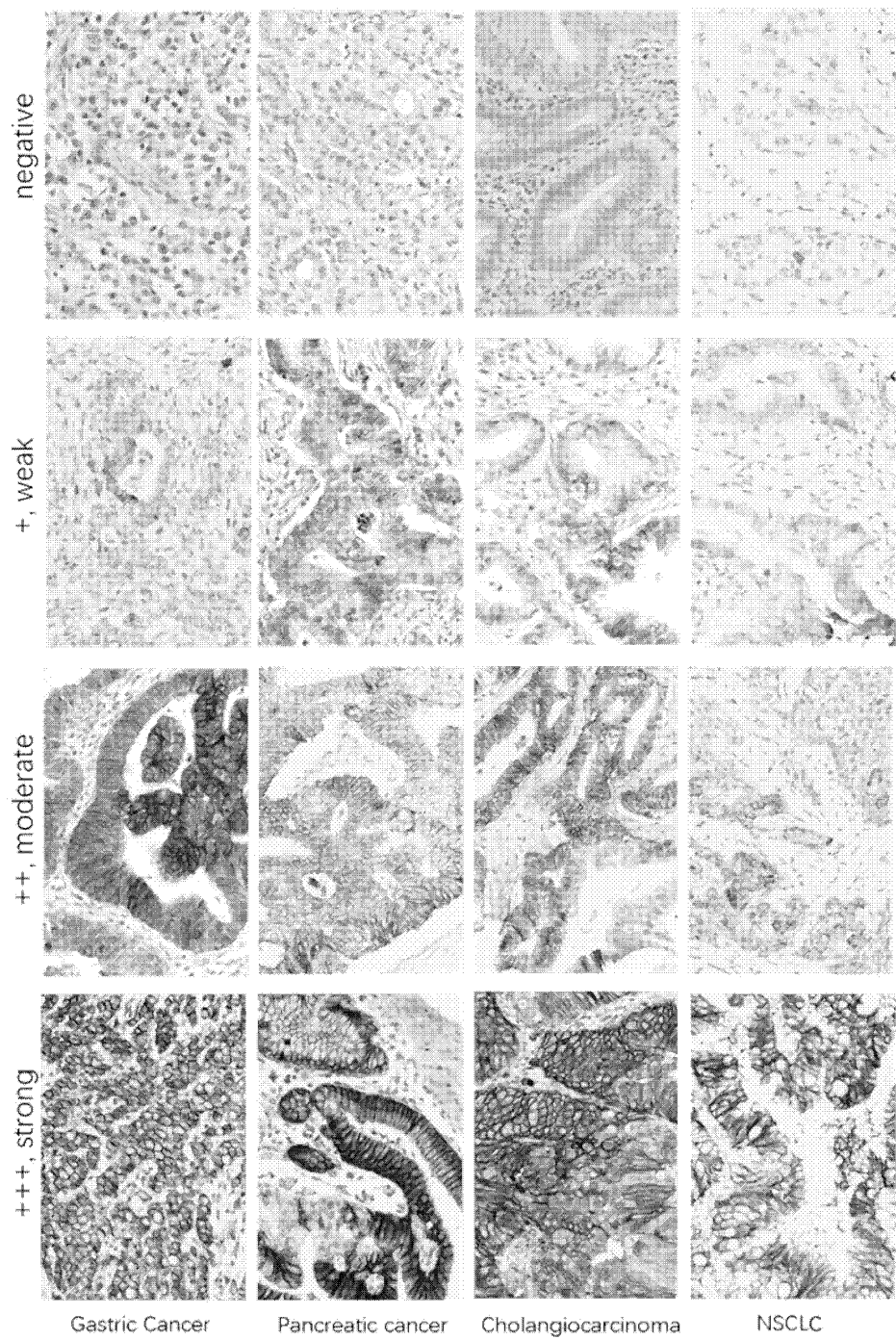


Figure 9

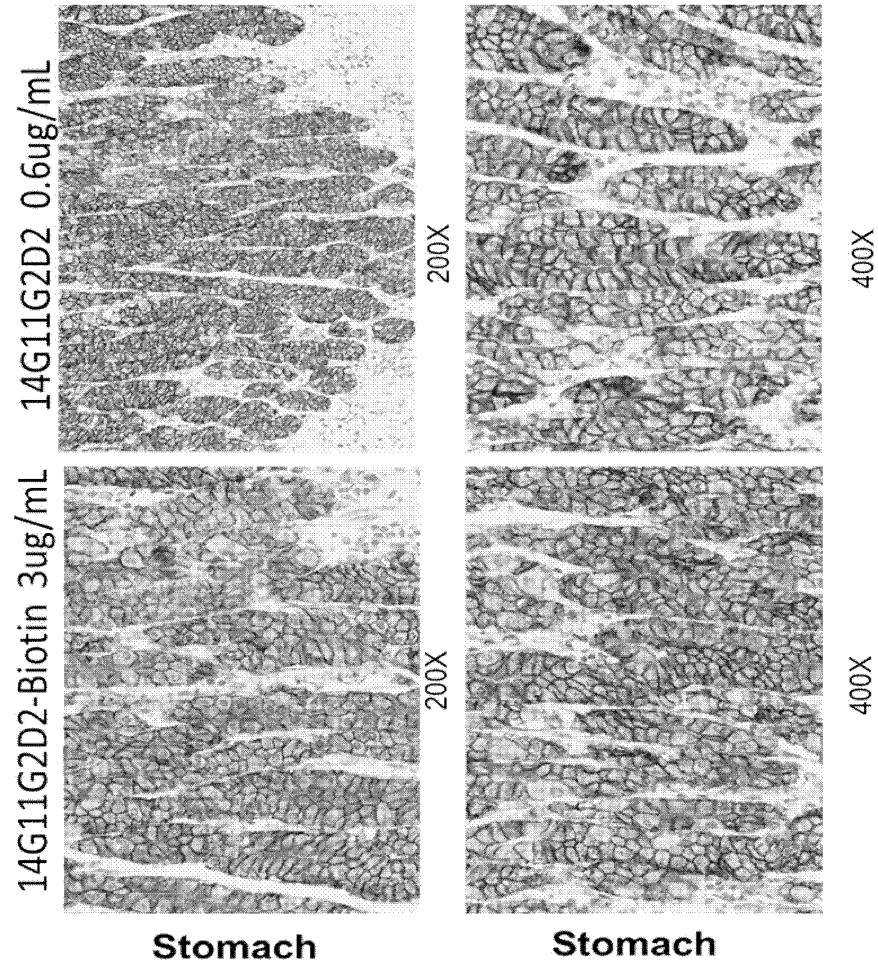


Figure 10

| SED ID NO. | Sequences                                                                                                                                                                                                                                                                                                                                                 |
|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1          | RNYFH                                                                                                                                                                                                                                                                                                                                                     |
| 2          | RSSQNIVHSNGNTYLE                                                                                                                                                                                                                                                                                                                                          |
| 3          | WIYPGGFDIEYSEKFKG                                                                                                                                                                                                                                                                                                                                         |
| 4          | KVSNRFS                                                                                                                                                                                                                                                                                                                                                   |
| 5          | NYGSTFGY                                                                                                                                                                                                                                                                                                                                                  |
| 6          | FQGSHVPFT                                                                                                                                                                                                                                                                                                                                                 |
| 7          | TYYIH                                                                                                                                                                                                                                                                                                                                                     |
| 8          | X <sub>1</sub> X <sub>2</sub> YX <sub>3</sub> H                                                                                                                                                                                                                                                                                                           |
| 9          | WIYPRGGNTVYNEKFKG                                                                                                                                                                                                                                                                                                                                         |
| 10         | KISNRFS                                                                                                                                                                                                                                                                                                                                                   |
| 11         | NYRSTFGY                                                                                                                                                                                                                                                                                                                                                  |
| 12         | WIYPX <sub>4</sub> GX <sub>5</sub> X <sub>6</sub> X <sub>7</sub> X <sub>8</sub> YX <sub>9</sub> EKFKG                                                                                                                                                                                                                                                     |
| 13         | QVQLQQSGPELVRPGASVKISCKASGYRFRNYFHWVKQRPGQGLE<br>WIGWIYPGGFDIEYSEKFKGKATLTDTSSSTAYMLLTSLTSEDSAVY<br>YCAINYGSTFGYWGQGTTLVTVSV                                                                                                                                                                                                                              |
| 14         | DVLMTQTPLSLPVSLGDQASISCRSSQNIVHSNGNTYLEWYLQRPGQS<br>PKLLIYKVSNRFSGVPDRFSGSGSGTDFTLKINRVEAEDLGYYCFQG<br>SHVPFTFGSGTKLEIK                                                                                                                                                                                                                                   |
| 15         | QVQLQQSGPELMKPGASLQISCKASGYFTTYIHWVKQRPGQGLE<br>WIGWIYPRGGNTVYNEKFKGKATLTSDTSSSTAYMQLSSLTSEDSAV<br>YYCAINYRSTFGYWGQGTTLVTVSA                                                                                                                                                                                                                              |
| 16         | DVLMTQTPLSLPVSLGDQASISCRSSQNIVHSNGNTYLEWYLQKPGQS<br>PKLLIYKISNRFSGVPDRFSGSGSGTDFTLKISRVEAEDLGYYCFQGS<br>HVPFTFGSGTKLEIK                                                                                                                                                                                                                                   |
| 17         | AKTTPPSVYPLAPGSAAQTNSMVTLGCLVKGYFPEPVTVTWNSGSL<br>SGVHTFPAVLQSDLYTLSSSVTPSSTWPSQTVTCNV AHPASSTKV<br>DKIVPRDCGCKPCICTVPEVSSVFIFPPKPKDVLITITLTPKVTCVV<br>VDISKDDPEVQFSWFVDDVEVHTAQTTPREEQINSTFRSVSELPIM<br>HQDWLNGKEFKCRVNSAAFPAIEKTISKTKGRPKAPQVYTIPPPKE<br>QMAKDKVSLTCMITNFFPEDITVEWQWNGQPAENYKNTQPIMDTD<br>GSYFVYSKLVNPKSNWEAGNTFTCSVLHEGLHNHHTKSLSHSPGK |
| 18         | RADAAPTVSIFPPSSEQLTSGGASVVCFLNNFYPKDINVKWKIDG<br>SERQNGVLNSWTDQDSKDSTYSMSSTLTTLTKDEYERHNSYTC<br>EATHKSTSPIVKSFNRNEC                                                                                                                                                                                                                                       |
| 19         | DQWSTQDLYN                                                                                                                                                                                                                                                                                                                                                |

Figure 11

|    |                                                                                                                                                                                                                                                                                           |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 20 | MAVTACQGLGFVVSLIGIAGIIAATCMDQWSTQDLYNNPVTAVFNYQ<br>GLWRSCVRESSGFTECRGYFTLLGLPAMLQAVRALMIVGIVLGAIGL<br>LVSIFALKCIRIGSMEDSAKANMTLTSGIMFIVSGLCAIAGVSVFANML<br>VTNFWMSTANMYTGMGGMVQTVQTRYTFGAALFVGWVAGGLTLI<br>GGVMMCIACRGLAPEETNYKAVSYHASGHSVAYKPGGFKASTGFGS<br>NTKNKKIYDGGARTEDEVQSYPSKHDYV |
| 21 | MSTTTCQVVAFLLSILGLAGCIAATGMDMWSTQDLYDNPVTSVFQY<br>EGLWRSCVRQSSGFTECRPYFTILGLPAMLQAVRALMIVGIVLGAIGL<br>LVSIFALKCIRIGSMEDSAKANMTLTSGIMFIVSGLCAIAGVSVFANML<br>VTNFWMSTANMYTGMGGMVQTVQTRYTFGAALFVGWVAGGLTLI<br>GGVMMCIACRGLAPEETNYKAVSYHASGHSVAYKPGGFKASTGFGS<br>NTKNKKIYDGGARTEDEVQSYPSKHDYV |
| 22 | QIQLVQSGPELKKFGETVKISCKASGYTFTDYSIHWVKQAPGKGLKW<br>MGWINTETGVPTYADDFKGRFAFSLETSASTAYLQINNKNEDTATY<br>FCARRTGFDYWGQGTTLVSS                                                                                                                                                                 |
| 23 | DIVMTQAAFSIPVTLGTSASISCRSSKNLLHSDGITYLYWYLQRPGQSP<br>QLLIYRVSNLASGVPNRFSGSESGTDFTLRISRVEAEDVGVIYCVQVL<br>ELPFTFGGGTKLEIK                                                                                                                                                                  |
| 24 | NYX <sub>10</sub> STFGY                                                                                                                                                                                                                                                                   |
| 25 | KX <sub>11</sub> SNRFS                                                                                                                                                                                                                                                                    |
| 26 | ATCMDQWSTQDLYNNPVTAVFNYQGLWRSCVRESSGFTECRGYFTL<br>LGLPAMLQAVRA                                                                                                                                                                                                                            |
| 27 | DMWSTQDLYDNPVTSVFQYEGLWRSCVRQSSGFTECRPYFTILGLPA<br>ML                                                                                                                                                                                                                                     |

Figure 11 (continued)