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| SEQ.ID NO:33 | D | A | E | F | R | H | D | S | G | Y | E | V | H | Q | K | L | V | F | A | E | D | V | G | S | N | K | G | E | I | I | G | L | M | V | G | G | V | I | A |   |
| SEQ.ID NO:34 | D | A | E | F | R | H | D | S | G | Y | E | V | H | Q | K | L | V | F | A | E | D | V | G | S | N | K | G | D | I | I | G | L | M | V | G | G | V | I | A |   |
| SEQ.ID NO:35 | D | A | E | F | R | H | D | S | G | Y | E | V | H | Q | K | L | V | F | A | E | D | V | G | S | N | K | G | S | I | I | G | L | M | V | G | G | V | I | A |   |
| SEQ.ID NO:36 | D | A | E | F | R | H | D | S | G | Y | E | V | H | Q | K | L | V | F | A | E | D | V | G | S | N | K | G | T | I | I | G | L | M | V | G | G | V | I | A |   |
| SEQ.ID NO:37 | D | A | E | F | R | H | D | S | G | Y | E | V | H | Q | K | L | V | F | A | E | D | V | G | S | N | K | G | N | I | I | G | L | M | V | G | G | V | I | A |   |
| SEQ.ID NO:38 | D | A | E | F | R | H | D | S | G | Y | E | V | H | Q | K | L | V | F | A | E | D | V | G | S | N | K | G | Q | I | I | G | L | M | V | G | G | V | I | A |   |
| SEQ.ID NO:39 | D | A | E | F | R | H | D | S | G | Y | E | V | H | Q | K | L | V | F | A | E | D | V | G | S | N | K | G | C | I | I | G | L | M | V | G | G | V | I | A |   |
| SEQ.ID NO:40 | D | A | E | F | R | H | D | S | G | Y | E | V | H | Q | K | L | V | F | A | E | D | V | G | S | N | K | G | A | P | I | I | G | L | M | V | G | G | V | I | A |
| SEQ.ID NO:41 | D | A | E | F | R | H | D | S | G | Y | E | V | H | Q | K | L | V | F | A | E | D | V | G | S | N | K | G | A | G | I | I | G | L | M | V | G | G | V | I | A |
| SEQ.ID NO:42 | D | A | E | F | R | H | D | S | G | Y | E | V | H | Q | K | L | V | F | A | E | D | V | G | S | N | K | G | A | K | I | I | G | L | M | V | G | G | V | I | A |
| SEQ.ID NO:43 | D | A | E | F | R | H | D | S | G | Y | E | V | H | Q | K | L | V | F | A | E | D | V | G | S | N | K | G | A | R | I | I | G | L | M | V | G | G | V | I | A |
| SEQ.ID NO:44 | D | A | E | F | R | H | D | S | G | Y | E | V | H | Q | K | L | V | F | A | E | D | V | G | S | N | K | G | A | H | I | I | G | L | M | V | G | G | V | I | A |
| SEQ.ID NO:45 | D | A | E | F | R | H | D | S | G | Y | E | V | H | Q | K | L | V | F | A | E | D | V | G | S | N | K | G | A | E | I | I | G | L | M | V | G | G | V | I | A |
| SEQ.ID NO:46 | D | A | E | F | R | H | D | S | G | Y | E | V | H | Q | K | L | V | F | A | E | D | V | G | S | N | K | G | A | D | I | I | G | L | M | V | G | G | V | I | A |
| SEQ.ID NO:47 | D | A | E | F | R | H | D | S | G | Y | E | V | H | Q | K | L | V | F | A | E | D | V | G | S | N | K | G | A | S | I | I | G | L | M | V | G | G | V | I | A |
| SEQ.ID NO:48 | D | A | E | F | R | H | D | S | G | Y | E | V | H | Q | K | L | V | F | A | E | D | V | G | S | N | K | G | A | T | I | I | G | L | M | V | G | G | V | I | A |
| SEQ.ID NO:49 | D | A | E | F | R | H | D | S | G | Y | E | V | H | Q | K | L | V | F | A | E | D | V | G | S | N | K | G | A | N | I | I | G | L | M | V | G | G | V | I | A |
| SEQ.ID NO:50 | D | A | E | F | R | H | D | S | G | Y | E | V | H | Q | K | L | V | F | A | E | D | V | G | S | N | K | G | A | Q | I | I | G | L | M | V | G | G | V | I | A |
| SEQ.ID NO:51 | D | A | E | F | R | H | D | S | G | Y | E | V | H | Q | K | L | V | F | A | E | D | V | G | S | N | K | G | A | C | I | I | G | L | M | V | G | G | V | I | A |
| SEQ.ID NO:52 | D | A | E | F | R | H | D | S | G | Y | E | V | H | Q | K | L | V | F | A | E | D | V | G | S | N | K | G | A | I | P | I | G | L | M | V | G | G | V | I | A |
| SEQ.ID NO:53 | D | A | E | F | R | H | D | S | G | Y | E | V | H | Q | K | L | V | F | A | E | D | V | G | S | N | K | G | A | I | G | L | M | V | G | G | V | I | A |   |   |
| SEQ.ID NO:54 | D | A | E | F | R | H | D | S | G | Y | E | V | H | Q | K | L | V | F | A | E | D | V | G | S | N | K | G | A | I | K | G | L | M | V | G | G | V | I | A |   |
| SEQ.ID NO:55 | D | A | E | F | R | H | D | S | G | Y | E | V | H | Q | K | L | V | F | A | E | D | V | G | S | N | K | G | A | I | R | G | L | M | V | G | G | V | I | A |   |
| SEQ.ID NO:56 | D | A | E | F | R | H | D | S | G | Y | E | V | H | Q | K | L | V | F | A | E | D | V | G | S | N | K | G | A | I | H | G | L | M | V | G | G | V | I | A |   |
| SEQ.ID NO:57 | D | A | E | F | R | H | D | S | G | Y | E | V | H | Q | K | L | V | F | A | E | D | V | G | S | N | K | G | A | I | E | G | L | M | V | G | G | V | I | A |   |
| SEQ.ID NO:58 | D | A | E | F | R | H | D | S | G | Y | E | V | H | Q | K | L | V | F | A | E | D | V | G | S | N | K | G | A | I | D | G | L | M | V | G | G | V | I | A |   |
| SEQ.ID NO:59 | D | A | E | F | R | H | D | S | G | Y | E | V | H | Q | K | L | V | F | A | E | D | V | G | S | N | K | G | A | I | S | G | L | M | V | G | G | V | I | A |   |
| SEQ.ID NO:60 | D | A | E | F | R | H | D | S | G | Y | E | V | H | Q | K | L | V | F | A | E | D | V | G | S | N | K | G | A | I | T | G | L | M | V | G | G | V | I | A |   |
| SEQ.ID NO:61 | D | A | E | F | R | H | D | S | G | Y | E | V | H | Q | K | L | V | F | A | E | D | V | G | S | N | K | G | A | I | N | G | L | M | V | G | G | V | I | A |   |
| SEQ.ID NO:62 | D | A | E | F | R | H | D | S | G | Y | E | V | H | Q | K | L | V | F | A | E | D | V | G | S | N | K | G | A | I | Q | G | L | M | V | G | G | V | I | A |   |
| SEQ.ID NO:63 | D | A | E | F | R | H | D | S | G | Y | E | V | H | Q | K | L | V | F | A | E | D | V | G | S | N | K | G | A | I | C | G | L | M | V | G | G | V | I | A |   |
| SEQ.ID NO:64 | D | A | E | F | R | H | D | S | G | Y | E | V | H | Q | K | L | V | F | A | E | D | V | G | S | N | K | G | A | I | P | L | M | V | G | G | V | I | A |   |   |
| SEQ.ID NO:65 | D | A | E | F | R | H | D | S | G | Y | E | V | H | Q | K | L | V | F | A | E | D | V | G | S | N | K | G | A | I | I | G | L | M | V | G | G | V | I | A |   |

**FIG. 1.2**

|              |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
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| SEQ.ID NO:66 | D | A | E | F | R | H | D | S | G | Y | E | V | H | Q | K | L | V | F | A | E | D | V | G | S | N | K | G | A | I | I | K | L | M | V | G | G | V | I | A |
| SEQ.ID NO:67 | D | A | E | F | R | H | D | S | G | Y | E | V | H | Q | K | L | V | F | A | E | D | V | G | S | N | K | G | A | I | I | R | L | M | V | G | G | V | I | A |
| SEQ.ID NO:68 | D | A | E | F | R | H | D | S | G | Y | E | V | H | Q | K | L | V | F | A | E | D | V | G | S | N | K | G | A | I | I | H | L | M | V | G | G | V | I | A |
| SEQ.ID NO:69 | D | A | E | F | R | H | D | S | G | Y | E | V | H | Q | K | L | V | F | A | E | D | V | G | S | N | K | G | A | I | I | E | L | M | V | G | G | V | I | A |
| SEQ.ID NO:70 | D | A | E | F | R | H | D | S | G | Y | E | V | H | Q | K | L | V | F | A | E | D | V | G | S | N | K | G | A | I | I | D | L | M | V | G | G | V | I | A |
| SEQ.ID NO:71 | D | A | E | F | R | H | D | S | G | Y | E | V | H | Q | K | L | V | F | A | E | D | V | G | S | N | K | G | A | I | I | S | L | M | V | G | G | V | I | A |
| SEQ.ID NO:72 | D | A | E | F | R | H | D | S | G | Y | E | V | H | Q | K | L | V | F | A | E | D | V | G | S | N | K | G | A | I | I | T | L | M | V | G | G | V | I | A |
| SEQ.ID NO:73 | D | A | E | F | R | H | D | S | G | Y | E | V | H | Q | K | L | V | F | A | E | D | V | G | S | N | K | G | A | I | I | N | L | M | V | G | G | V | I | A |
| SEQ.ID NO:74 | D | A | E | F | R | H | D | S | G | Y | E | V | H | Q | K | L | V | F | A | E | D | V | G | S | N | K | G | A | I | I | Q | L | M | V | G | G | V | I | A |
| SEQ.ID NO:75 | D | A | E | F | R | H | D | S | G | Y | E | V | H | Q | K | L | V | F | A | E | D | V | G | S | N | K | G | A | I | I | C | L | M | V | G | G | V | I | A |
| SEQ.ID NO:76 | D | A | E | F | R | H | D | S | G | Y | E | V | H | Q | K | L | V | F | A | E | D | V | G | S | N | K | G | A | I | I | G | P | M | V | G | G | V | I | A |
| SEQ.ID NO:77 | D | A | E | F | R | H | D | S | G | Y | E | V | H | Q | K | L | V | F | A | E | D | V | G | S | N | K | G | A | I | I | G | M | V | G | G | V | I | A |   |
| SEQ.ID NO:78 | D | A | E | F | R | H | D | S | G | Y | E | V | H | Q | K | L | V | F | A | E | D | V | G | S | N | K | G | A | I | I | G | K | M | V | G | G | V | I | A |
| SEQ.ID NO:79 | D | A | E | F | R | H | D | S | G | Y | E | V | H | Q | K | L | V | F | A | E | D | V | G | S | N | K | G | A | I | I | G | R | M | V | G | G | V | I | A |
| SEQ.ID NO:80 | D | A | E | F | R | H | D | S | G | Y | E | V | H | Q | K | L | V | F | A | E | D | V | G | S | N | K | G | A | I | I | G | H | M | V | G | G | V | I | A |
| SEQ.ID NO:81 | D | A | E | F | R | H | D | S | G | Y | E | V | H | Q | K | L | V | F | A | E | D | V | G | S | N | K | G | A | I | I | G | E | M | V | G | G | V | I | A |
| SEQ.ID NO:82 | D | A | E | F | R | H | D | S | G | Y | E | V | H | Q | K | L | V | F | A | E | D | V | G | S | N | K | G | A | I | I | G | D | M | V | G | G | V | I | A |
| SEQ.ID NO:83 | D | A | E | F | R | H | D | S | G | Y | E | V | H | Q | K | L | V | F | A | E | D | V | G | S | N | K | G | A | I | I | G | S | M | V | G | G | V | I | A |
| SEQ.ID NO:84 | D | A | E | F | R | H | D | S | G | Y | E | V | H | Q | K | L | V | F | A | E | D | V | G | S | N | K | G | A | I | I | G | T | M | V | G | G | V | I | A |
| SEQ.ID NO:85 | D | A | E | F | R | H | D | S | G | Y | E | V | H | Q | K | L | V | F | A | E | D | V | G | S | N | K | G | A | I | I | G | N | M | V | G | G | V | I | A |
| SEQ.ID NO:86 | D | A | E | F | R | H | D | S | G | Y | E | V | H | Q | K | L | V | F | A | E | D | V | G | S | N | K | G | A | I | I | G | Q | M | V | G | G | V | I | A |
| SEQ.ID NO:87 | D | A | E | F | R | H | D | S | G | Y | E | V | H | Q | K | L | V | F | A | E | D | V | G | S | N | K | G | A | I | I | G | C | M | V | G | G | V | I | A |
| SEQ.ID NO:88 | D | A | E | F | R | H | D | S | G | Y | E | V | H | Q | K | L | V | F | A | E | D | V | G | S | N | K | G | A | I | I | G | L | P | V | G | G | V | I | A |
| SEQ.ID NO:89 | D | A | E | F | R | H | D | S | G | Y | E | V | H | Q | K | L | V | F | A | E | D | V | G | S | N | K | G | A | I | I | G | L | V | G | G | V | I | A |   |
| SEQ.ID NO:90 | D | A | E | F | R | H | D | S | G | Y | E | V | H | Q | K | L | V | F | A | E | D | V | G | S | N | K | G | A | I | I | G | L | K | V | G | G | V | I | A |
| SEQ.ID NO:91 | D | A | E | F | R | H | D | S | G | Y | E | V | H | Q | K | L | V | F | A | E | D | V | G | S | N | K | G | A | I | I | G | L | R | V | G | G | V | I | A |
| SEQ.ID NO:92 | D | A | E | F | R | H | D | S | G | Y | E | V | H | Q | K | L | V | F | A | E | D | V | G | S | N | K | G | A | I | I | G | L | H | V | G | G | V | I | A |
| SEQ.ID NO:93 | D | A | E | F | R | H | D | S | G | Y | E | V | H | Q | K | L | V | F | A | E | D | V | G | S | N | K | G | A | I | I | G | L | E | V | G | G | V | I | A |
| SEQ.ID NO:94 | D | A | E | F | R | H | D | S | G | Y | E | V | H | Q | K | L | V | F | A | E | D | V | G | S | N | K | G | A | I | I | G | L | D | V | G | G | V | I | A |
| SEQ.ID NO:95 | D | A | E | F | R | H | D | S | G | Y | E | V | H | Q | K | L | V | F | A | E | D | V | G | S | N | K | G | A | I | I | G | L | S | V | G | G | V | I | A |
| SEQ.ID NO:96 | D | A | E | F | R | H | D | S | G | Y | E | V | H | Q | K | L | V | F | A | E | D | V | G | S | N | K | G | A | I | I | G | L | T | V | G | G | V | I | A |
| SEQ.ID NO:97 | D | A | E | F | R | H | D | S | G | Y | E | V | H | Q | K | L | V | F | A | E | D | V | G | S | N | K | G | A | I | I | G | L | N | V | G | G | V | I | A |
| SEQ.ID NO:98 | D | A | E | F | R | H | D | S | G | Y | E | V | H | Q | K | L | V | F | A | E | D | V | G | S | N | K | G | A | I | I | G | Q | V | G | G | V | I | A |   |

**FIG. 1.3**

|               |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
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| SEQ ID NO:99  | D | A | E | F | R | H | D | S | G | Y | E | V | H | H | Q | K | L | V | F | F | A | E | D | V | G | S | N | K | G | A | I | I | G | L | C | V | G | G | V | I | A |
| SEQ ID NO:100 | D | A | E | F | R | H | D | S | G | Y | E | V | H | H | Q | K | L | V | F | F | A | E | D | V | G | S | N | K | G | A | I | I | G | L | M | P | G | G | V | I | A |
| SEQ ID NO:101 | D | A | E | F | R | H | D | S | G | Y | E | V | H | H | Q | K | L | V | F | F | A | E | D | V | G | S | N | K | G | A | I | I | G | L | M | G | G | V | I | A |   |
| SEQ ID NO:102 | D | A | E | F | R | H | D | S | G | Y | E | V | H | H | Q | K | L | V | F | F | A | E | D | V | G | S | N | K | G | A | I | I | G | L | M | K | G | V | I | A |   |
| SEQ ID NO:103 | D | A | E | F | R | H | D | S | G | Y | E | V | H | H | Q | K | L | V | F | F | A | E | D | V | G | S | N | K | G | A | I | I | G | L | M | R | G | V | I | A |   |
| SEQ ID NO:104 | D | A | E | F | R | H | D | S | G | Y | E | V | H | H | Q | K | L | V | F | F | A | E | D | V | G | S | N | K | G | A | I | I | G | L | M | H | G | V | I | A |   |
| SEQ ID NO:105 | D | A | E | F | R | H | D | S | G | Y | E | V | H | H | Q | K | L | V | F | F | A | E | D | V | G | S | N | K | G | A | I | I | G | L | M | E | G | V | I | A |   |
| SEQ ID NO:106 | D | A | E | F | R | H | D | S | G | Y | E | V | H | H | Q | K | L | V | F | F | A | E | D | V | G | S | N | K | G | A | I | I | G | L | M | D | G | V | I | A |   |
| SEQ ID NO:107 | D | A | E | F | R | H | D | S | G | Y | E | V | H | H | Q | K | L | V | F | F | A | E | D | V | G | S | N | K | G | A | I | I | G | L | M | S | G | V | I | A |   |
| SEQ ID NO:108 | D | A | E | F | R | H | D | S | G | Y | E | V | H | H | Q | K | L | V | F | F | A | E | D | V | G | S | N | K | G | A | I | I | G | L | M | T | G | V | I | A |   |
| SEQ ID NO:109 | D | A | E | F | R | H | D | S | G | Y | E | V | H | H | Q | K | L | V | F | F | A | E | D | V | G | S | N | K | G | A | I | I | G | L | M | N | G | V | I | A |   |
| SEQ ID NO:110 | D | A | E | F | R | H | D | S | G | Y | E | V | H | H | Q | K | L | V | F | F | A | E | D | V | G | S | N | K | G | A | I | I | G | L | M | Q | G | V | I | A |   |
| SEQ ID NO:111 | D | A | E | F | R | H | D | S | G | Y | E | V | H | H | Q | K | L | V | F | F | A | E | D | V | G | S | N | K | G | A | I | I | G | L | M | C | G | V | I | A |   |
| SEQ ID NO:112 | D | A | E | F | R | H | D | S | G | Y | E | V | H | H | Q | K | L | V | F | F | A | E | D | V | G | S | N | K | G | A | I | I | G | L | M | V | P | G | V | I | A |
| SEQ ID NO:113 | D | A | E | F | R | H | D | S | G | Y | E | V | H | H | Q | K | L | V | F | F | A | E | D | V | G | S | N | K | G | A | I | I | G | L | M | V | G | V | I | A |   |
| SEQ ID NO:114 | D | A | E | F | R | H | D | S | G | Y | E | V | H | H | Q | K | L | V | F | F | A | E | D | V | G | S | N | K | G | A | I | I | G | L | M | V | K | G | V | I | A |
| SEQ ID NO:115 | D | A | E | F | R | H | D | S | G | Y | E | V | H | H | Q | K | L | V | F | F | A | E | D | V | G | S | N | K | G | A | I | I | G | L | M | V | R | G | V | I | A |
| SEQ ID NO:116 | D | A | E | F | R | H | D | S | G | Y | E | V | H | H | Q | K | L | V | F | F | A | E | D | V | G | S | N | K | G | A | I | I | G | L | M | V | H | G | V | I | A |
| SEQ ID NO:117 | D | A | E | F | R | H | D | S | G | Y | E | V | H | H | Q | K | L | V | F | F | A | E | D | V | G | S | N | K | G | A | I | I | G | L | M | V | E | G | V | I | A |
| SEQ ID NO:118 | D | A | E | F | R | H | D | S | G | Y | E | V | H | H | Q | K | L | V | F | F | A | E | D | V | G | S | N | K | G | A | I | I | G | L | M | V | D | G | V | I | A |
| SEQ ID NO:119 | D | A | E | F | R | H | D | S | G | Y | E | V | H | H | Q | K | L | V | F | F | A | E | D | V | G | S | N | K | G | A | I | I | G | L | M | V | S | G | V | I | A |
| SEQ ID NO:120 | D | A | E | F | R | H | D | S | G | Y | E | V | H | H | Q | K | L | V | F | F | A | E | D | V | G | S | N | K | G | A | I | I | G | L | M | V | T | G | V | I | A |
| SEQ ID NO:121 | D | A | E | F | R | H | D | S | G | Y | E | V | H | H | Q | K | L | V | F | F | A | E | D | V | G | S | N | K | G | A | I | I | G | L | M | V | N | G | V | I | A |
| SEQ ID NO:122 | D | A | E | F | R | H | D | S | G | Y | E | V | H | H | Q | K | L | V | F | F | A | E | D | V | G | S | N | K | G | A | I | I | G | L | M | V | Q | G | V | I | A |
| SEQ ID NO:123 | D | A | E | F | R | H | D | S | G | Y | E | V | H | H | Q | K | L | V | F | F | A | E | D | V | G | S | N | K | G | A | I | I | G | L | M | V | C | G | V | I | A |
| SEQ ID NO:124 | D | A | E | F | R | H | D | S | G | Y | E | V | H | H | Q | K | L | V | F | F | A | E | D | V | G | S | N | K | G | A | I | I | G | L | M | V | G | P | V | I | A |
| SEQ ID NO:125 | D | A | E | F | R | H | D | S | G | Y | E | V | H | H | Q | K | L | V | F | F | A | E | D | V | G | S | N | K | G | A | I | I | G | L | M | V | G | G | V | I | A |
| SEQ ID NO:126 | D | A | E | F | R | H | D | S | G | Y | E | V | H | H | Q | K | L | V | F | F | A | E | D | V | G | S | N | K | G | A | I | I | G | L | M | V | G | K | V | I | A |
| SEQ ID NO:127 | D | A | E | F | R | H | D | S | G | Y | E | V | H | H | Q | K | L | V | F | F | A | E | D | V | G | S | N | K | G | A | I | I | G | L | M | V | G | R | V | I | A |
| SEQ ID NO:128 | D | A | E | F | R | H | D | S | G | Y | E | V | H | H | Q | K | L | V | F | F | A | E | D | V | G | S | N | K | G | A | I | I | G | L | M | V | G | H | V | I | A |
| SEQ ID NO:129 | D | A | E | F | R | H | D | S | G | Y | E | V | H | H | Q | K | L | V | F | F | A | E | D | V | G | S | N | K | G | A | I | I | G | L | M | V | G | E | V | I | A |
| SEQ ID NO:130 | D | A | E | F | R | H | D | S | G | Y | E | V | H | H | Q | K | L | V | F | F | A | E | D | V | G | S | N | K | G | A | I | I | G | L | M | V | G | D | V | I | A |
| SEQ ID NO:131 | D | A | E | F | R | H | D | S | G | Y | E | V | H | H | Q | K | L | V | F | F | A | E | D | V | G | S | N | K | G | A | I | I | G | L | M | V | G | S | V | I | A |

**FIG. 1.4**

|               |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SEQ ID NO:132 | D | A | E | F | R | H | D | S | G | Y | E | V | H | H | Q | K | L | V | F | F | A | E | D | V | G | S | N | K | G | A | I | I | G | L | M | V | G | T | V | V | I | A |
| SEQ ID NO:133 | D | A | E | F | R | H | D | S | G | Y | E | V | H | H | Q | K | L | V | F | F | A | E | D | V | G | S | N | K | G | A | I | I | G | L | M | V | G | N | V | V | I | A |
| SEQ ID NO:134 | D | A | E | F | R | H | D | S | G | Y | E | V | H | H | Q | K | L | V | F | F | A | E | D | V | G | S | N | K | G | A | I | I | G | L | M | V | G | Q | V | V | I | A |
| SEQ ID NO:135 | D | A | E | F | R | H | D | S | G | Y | E | V | H | H | Q | K | L | V | F | F | A | E | D | V | G | S | N | K | G | A | I | I | G | L | M | V | G | C | V | V | I | A |
| SEQ ID NO:136 | D | A | E | F | R | H | D | S | G | Y | E | V | H | H | Q | K | L | V | F | F | A | E | D | V | G | S | N | K | G | A | I | I | G | L | M | V | G | P | V | V | I | A |
| SEQ ID NO:137 | D | A | E | F | R | H | D | S | G | Y | E | V | H | H | Q | K | L | V | F | F | A | E | D | V | G | S | N | K | G | A | I | I | G | L | M | V | G | G | V | V | I | A |
| SEQ ID NO:138 | D | A | E | F | R | H | D | S | G | Y | E | V | H | H | Q | K | L | V | F | F | A | E | D | V | G | S | N | K | G | A | I | I | G | L | M | V | G | K | V | V | I | A |
| SEQ ID NO:139 | D | A | E | F | R | H | D | S | G | Y | E | V | H | H | Q | K | L | V | F | F | A | E | D | V | G | S | N | K | G | A | I | I | G | L | M | V | G | R | V | V | I | A |
| SEQ ID NO:140 | D | A | E | F | R | H | D | S | G | Y | E | V | H | H | Q | K | L | V | F | F | A | E | D | V | G | S | N | K | G | A | I | I | G | L | M | V | G | H | V | V | I | A |
| SEQ ID NO:141 | D | A | E | F | R | H | D | S | G | Y | E | V | H | H | Q | K | L | V | F | F | A | E | D | V | G | S | N | K | G | A | I | I | G | L | M | V | G | E | V | V | I | A |
| SEQ ID NO:142 | D | A | E | F | R | H | D | S | G | Y | E | V | H | H | Q | K | L | V | F | F | A | E | D | V | G | S | N | K | G | A | I | I | G | L | M | V | G | D | V | V | I | A |
| SEQ ID NO:143 | D | A | E | F | R | H | D | S | G | Y | E | V | H | H | Q | K | L | V | F | F | A | E | D | V | G | S | N | K | G | A | I | I | G | L | M | V | G | S | V | V | I | A |
| SEQ ID NO:144 | D | A | E | F | R | H | D | S | G | Y | E | V | H | H | Q | K | L | V | F | F | A | E | D | V | G | S | N | K | G | A | I | I | G | L | M | V | G | T | V | V | I | A |
| SEQ ID NO:145 | D | A | E | F | R | H | D | S | G | Y | E | V | H | H | Q | K | L | V | F | F | A | E | D | V | G | S | N | K | G | A | I | I | G | L | M | V | G | N | V | V | I | A |
| SEQ ID NO:146 | D | A | E | F | R | H | D | S | G | Y | E | V | H | H | Q | K | L | V | F | F | A | E | D | V | G | S | N | K | G | A | I | I | G | L | M | V | G | Q | V | V | I | A |
| SEQ ID NO:147 | D | A | E | F | R | H | D | S | G | Y | E | V | H | H | Q | K | L | V | F | F | A | E | D | V | G | S | N | K | G | A | I | I | G | L | M | V | G | C | V | V | I | A |
| SEQ ID NO:148 | D | A | E | F | R | H | D | S | G | Y | E | V | H | H | Q | K | L | V | F | F | A | E | D | V | G | S | N | K | G | A | I | I | G | L | M | V | G | V | P | V | I | A |
| SEQ ID NO:149 | D | A | E | F | R | H | D | S | G | Y | E | V | H | H | Q | K | L | V | F | F | A | E | D | V | G | S | N | K | G | A | I | I | G | L | M | V | G | V | G | V | I | A |
| SEQ ID NO:150 | D | A | E | F | R | H | D | S | G | Y | E | V | H | H | Q | K | L | V | F | F | A | E | D | V | G | S | N | K | G | A | I | I | G | L | M | V | G | V | K | V | I | A |
| SEQ ID NO:151 | D | A | E | F | R | H | D | S | G | Y | E | V | H | H | Q | K | L | V | F | F | A | E | D | V | G | S | N | K | G | A | I | I | G | L | M | V | G | V | R | V | I | A |
| SEQ ID NO:152 | D | A | E | F | R | H | D | S | G | Y | E | V | H | H | Q | K | L | V | F | F | A | E | D | V | G | S | N | K | G | A | I | I | G | L | M | V | G | V | H | V | I | A |
| SEQ ID NO:153 | D | A | E | F | R | H | D | S | G | Y | E | V | H | H | Q | K | L | V | F | F | A | E | D | V | G | S | N | K | G | A | I | I | G | L | M | V | G | V | E | V | I | A |
| SEQ ID NO:154 | D | A | E | F | R | H | D | S | G | Y | E | V | H | H | Q | K | L | V | F | F | A | E | D | V | G | S | N | K | G | A | I | I | G | L | M | V | G | V | D | V | I | A |
| SEQ ID NO:155 | D | A | E | F | R | H | D | S | G | Y | E | V | H | H | Q | K | L | V | F | F | A | E | D | V | G | S | N | K | G | A | I | I | G | L | M | V | G | V | S | V | I | A |
| SEQ ID NO:156 | D | A | E | F | R | H | D | S | G | Y | E | V | H | H | Q | K | L | V | F | F | A | E | D | V | G | S | N | K | G | A | I | I | G | L | M | V | G | V | T | V | I | A |
| SEQ ID NO:157 | D | A | E | F | R | H | D | S | G | Y | E | V | H | H | Q | K | L | V | F | F | A | E | D | V | G | S | N | K | G | A | I | I | G | L | M | V | G | V | N | V | I | A |
| SEQ ID NO:158 | D | A | E | F | R | H | D | S | G | Y | E | V | H | H | Q | K | L | V | F | F | A | E | D | V | G | S | N | K | G | A | I | I | G | L | M | V | G | V | Q | V | I | A |
| SEQ ID NO:159 | D | A | E | F | R | H | D | S | G | Y | E | V | H | H | Q | K | L | V | F | F | A | E | D | V | G | S | N | K | G | A | I | I | G | L | M | V | G | V | C | V | I | A |
| SEQ ID NO:160 | D | A | E | F | R | H | D | S | G | Y | E | V | H | H | Q | K | L | V | F | F | A | E | D | V | G | S | N | K | G | A | I | I | G | L | M | V | G | V | P | V | A |   |
| SEQ ID NO:161 | D | A | E | F | R | H | D | S | G | Y | E | V | H | H | Q | K | L | V | F | F | A | E | D | V | G | S | N | K | G | A | I | I | G | L | M | V | G | V | V | G | A |   |
| SEQ ID NO:162 | D | A | E | F | R | H | D | S | G | Y | E | V | H | H | Q | K | L | V | F | F | A | E | D | V | G | S | N | K | G | A | I | I | G | L | M | V | G | V | V | G | A |   |
| SEQ ID NO:163 | D | A | E | F | R | H | D | S | G | Y | E | V | H | H | Q | K | L | V | F | F | A | E | D | V | G | S | N | K | G | A | I | I | G | L | M | V | G | V | V | K | A |   |
| SEQ ID NO:164 | D | A | E | F | R | H | D | S | G | Y | E | V | H | H | Q | K | L | V | F | F | A | E | D | V | G | S | N | K | G | A | I | I | G | L | M | V | G | V | V | R | A |   |
| SEQ ID NO:165 | D | A | E | F | R | H | D | S | G | Y | E | V | H | H | Q | K | L | V | F | F | A | E | D | V | G | S | N | K | G | A | I | I | G | L | M | V | G | V | V | H | A |   |

**FIG. 1.5**

|               |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SEQ ID NO:165 | D | A | E | F | R | H | D | S | G | Y | E | V | H | H | Q | K | L | V | F | F | A | E | D | V | G | S | N | K | G | A | I | I | G | L | M | V | G | G | V | V | E | A |   |
| SEQ ID NO:166 | D | A | E | F | R | H | D | S | G | Y | E | V | H | H | Q | K | L | V | F | F | A | E | D | V | G | S | N | K | G | A | I | I | G | L | M | V | G | G | V | V | D | A |   |
| SEQ ID NO:167 | D | A | E | F | R | H | D | S | G | Y | E | V | H | H | Q | K | L | V | F | F | A | E | D | V | G | S | N | K | G | A | I | I | G | L | M | V | G | G | V | V | S | A |   |
| SEQ ID NO:168 | D | A | E | F | R | H | D | S | G | Y | E | V | H | H | Q | K | L | V | F | F | A | E | D | V | G | S | N | K | G | A | I | I | G | L | M | V | G | G | V | V | T | A |   |
| SEQ ID NO:169 | D | A | E | F | R | H | D | S | G | Y | E | V | H | H | Q | K | L | V | F | F | A | E | D | V | G | S | N | K | G | A | I | I | G | L | M | V | G | G | V | V | N | A |   |
| SEQ ID NO:170 | D | A | E | F | R | H | D | S | G | Y | E | V | H | H | Q | K | L | V | F | F | A | E | D | V | G | S | N | K | G | A | I | I | G | L | M | V | G | G | V | V | Q | A |   |
| SEQ ID NO:171 | D | A | E | F | R | H | D | S | G | Y | E | V | H | H | Q | K | L | V | F | F | A | E | D | V | G | S | N | K | G | A | I | I | G | L | M | V | G | G | V | V | C | A |   |
| SEQ ID NO:172 | D | A | E | F | R | H | D | S | G | Y | E | V | H | H | Q | K | L | V | F | F | A | E | D | V | G | S | N | K | G | A | I | I | G | L | M | V | G | G | V | V | I | P | P |
| SEQ ID NO:173 | D | A | E | F | R | H | D | S | G | Y | E | V | H | H | Q | K | L | V | F | F | A | E | D | V | G | S | N | K | G | A | I | I | G | L | M | V | G | G | V | V | I | G |   |
| SEQ ID NO:174 | D | A | E | F | R | H | D | S | G | Y | E | V | H | H | Q | K | L | V | F | F | A | E | D | V | G | S | N | K | G | A | I | I | G | L | M | V | G | G | V | V | I | K |   |
| SEQ ID NO:175 | D | A | E | F | R | H | D | S | G | Y | E | V | H | H | Q | K | L | V | F | F | A | E | D | V | G | S | N | K | G | A | I | I | G | L | M | V | G | G | V | V | I | R |   |
| SEQ ID NO:176 | D | A | E | F | R | H | D | S | G | Y | E | V | H | H | Q | K | L | V | F | F | A | E | D | V | G | S | N | K | G | A | I | I | G | L | M | V | G | G | V | V | I | H |   |
| SEQ ID NO:177 | D | A | E | F | R | H | D | S | G | Y | E | V | H | H | Q | K | L | V | F | F | A | E | D | V | G | S | N | K | G | A | I | I | G | L | M | V | G | G | V | V | I | E |   |
| SEQ ID NO:178 | D | A | E | F | R | H | D | S | G | Y | E | V | H | H | Q | K | L | V | F | F | A | E | D | V | G | S | N | K | G | A | I | I | G | L | M | V | G | G | V | V | I | D |   |
| SEQ ID NO:179 | D | A | E | F | R | H | D | S | G | Y | E | V | H | H | Q | K | L | V | F | F | A | E | D | V | G | S | N | K | G | A | I | I | G | L | M | V | G | G | V | V | I | S |   |
| SEQ ID NO:180 | D | A | E | F | R | H | D | S | G | Y | E | V | H | H | Q | K | L | V | F | F | A | E | D | V | G | S | N | K | G | A | I | I | G | L | M | V | G | G | V | V | I | T |   |
| SEQ ID NO:181 | D | A | E | F | R | H | D | S | G | Y | E | V | H | H | Q | K | L | V | F | F | A | E | D | V | G | S | N | K | G | A | I | I | G | L | M | V | G | G | V | V | I | N |   |
| SEQ ID NO:182 | D | A | E | F | R | H | D | S | G | Y | E | V | H | H | Q | K | L | V | F | F | A | E | D | V | G | S | N | K | G | A | I | I | G | L | M | V | G | G | V | V | I | Q |   |
| SEQ ID NO:183 | D | A | E | F | R | H | D | S | G | Y | E | V | H | H | Q | K | L | V | F | F | A | E | D | V | G | S | N | K | G | A | I | I | G | L | M | V | G | G | V | V | I | C |   |
| SEQ ID NO:184 | D | A | E | F | R | H | D | S | G | Y | E | V | H | H | Q | K | L | V | F | F | A | E | D | V | G | S | N | K | G | A | I | I | G | L | P | P | G | G | V | V | I | A |   |
| SEQ ID NO:185 | D | A | E | F | R | H | D | S | G | Y | E | V | H | H | Q | K | L | V | F | F | A | E | D | V | G | S | N | K | G | A | I | I | G | L | P | P | G | P | V | V | I | A |   |
| SEQ ID NO:186 | D | A | E | F | R | H | D | S | G | Y | E | V | H | H | Q | K | L | V | F | F | A | E | D | V | G | S | N | K | G | A | I | I | P | L | P | P | G | G | V | V | I | A |   |
| SEQ ID NO:187 | D | A | E | F | R | H | D | S | G | Y | E | V | H | H | Q | K | L | V | F | F | A | E | D | V | G | S | N | K | G | A | I | I | G | L | P | X | G | G | V | V | I | A |   |
| SEQ ID NO:188 | D | A | E | F | R | H | D | S | G | Y | E | V | H | H | Q | K | L | V | F | F | A | E | D | V | G | S | N | K | G | A | I | I | G | L | X | V | G | G | V | V | I | A |   |
| SEQ ID NO:189 | D | A | E | F | R | H | D | S | G | Y | E | V | H | H | Q | K | L | V | F | F | A | E | D | V | G | S | N | K | G | A | I | I | G | L | X | V | G | G | V | V | I | A |   |
| SEQ ID NO:190 | D | A | E | F | R | H | D | S | G | Y | E | V | H | H | Q | K | L | V | F | F | A | E | D | V | G | S | N | K | G | A | I | I | G | L | X | V | G | G | V | V | I | A |   |
| SEQ ID NO:191 | D | A | E | F | R | H | D | S | G | Y | E | V | H | H | Q | K | L | V | F | F | A | E | D | V | G | S | N | K | G | A | I | I | G | L | X | V | G | G | V | V | I | A |   |
| SEQ ID NO:192 | D | A | E | F | R | H | D | S | G | Y | E | V | H | H | Q | K | L | V | F | F | A | E | D | V | G | S | N | K | G | A | I | I | G | L | Q | V | G | G | V | V | I | A |   |
| SEQ ID NO:193 | X | A | E | F | R | H | D | S | G | Y | E | V | H | H | Q | K | L | V | F | F | A | E | D | V | G | S | N | K | G | A | I | I | G | L | P | V | G | G | V | V | I | A |   |

FIG. 1.6

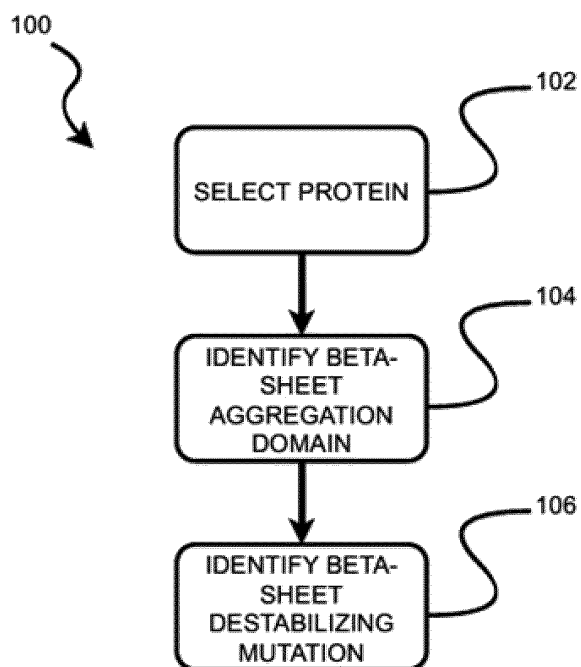


FIG. 2

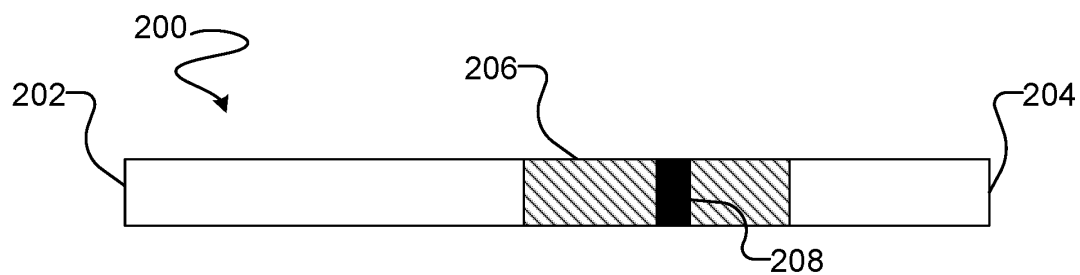


FIG. 3

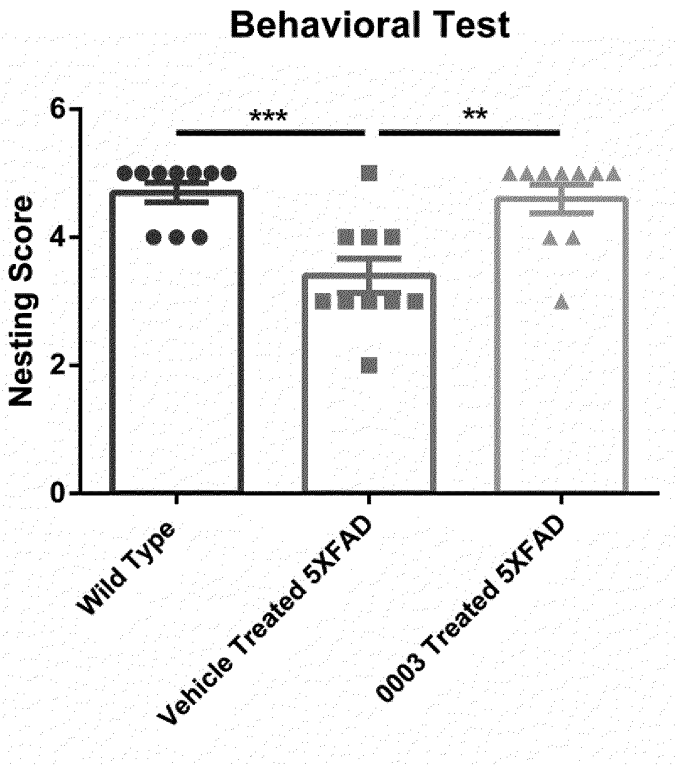


FIG. 4A

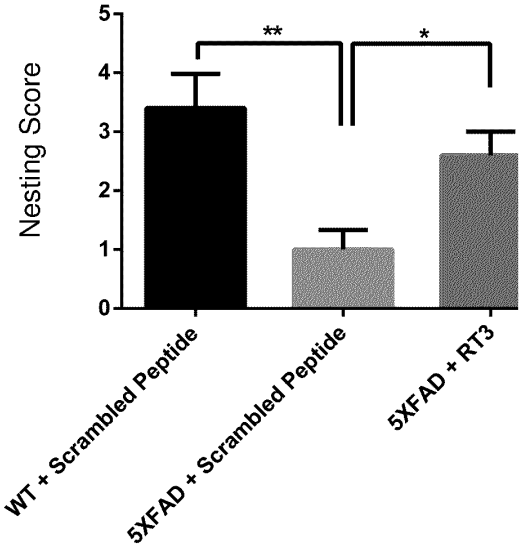


FIG. 4B

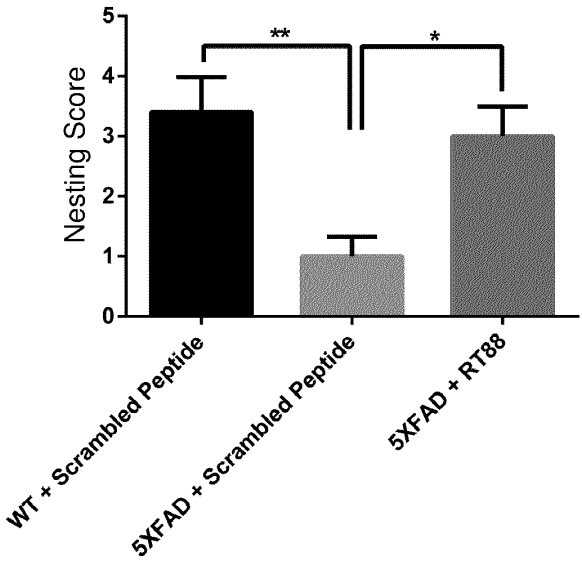


FIG. 4C

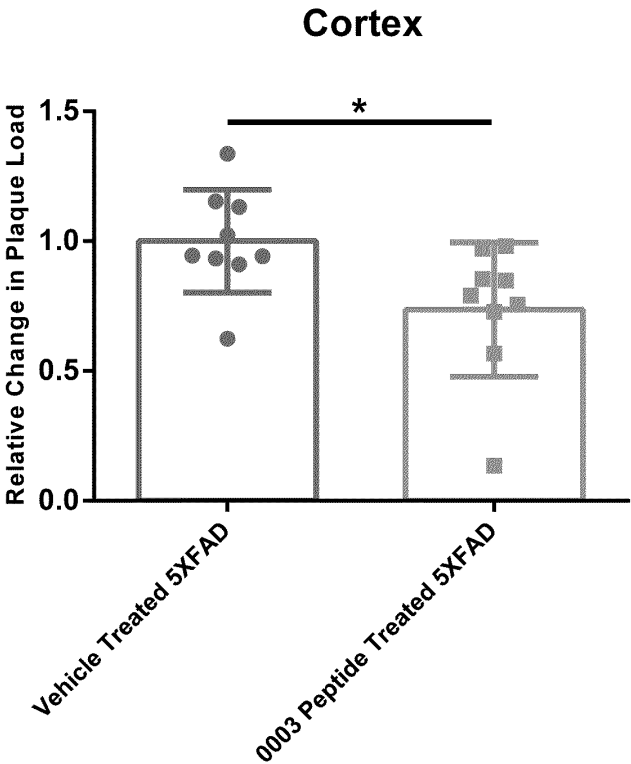


FIG. 5A

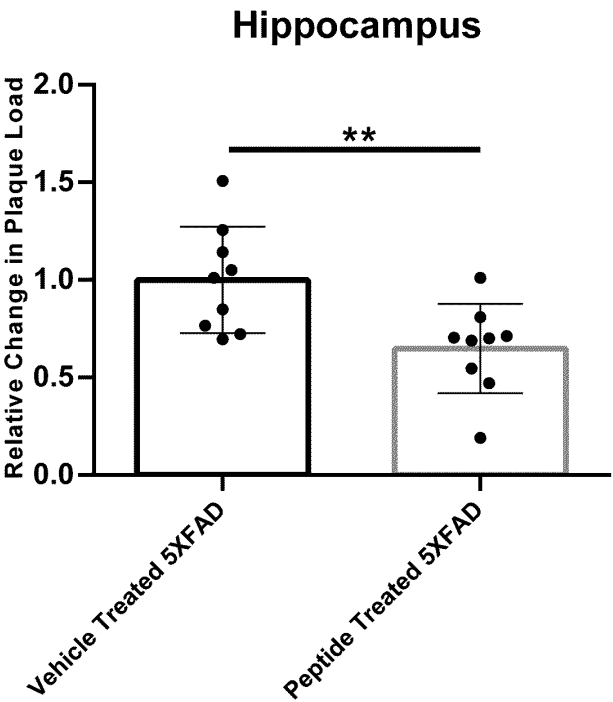


FIG. 5B

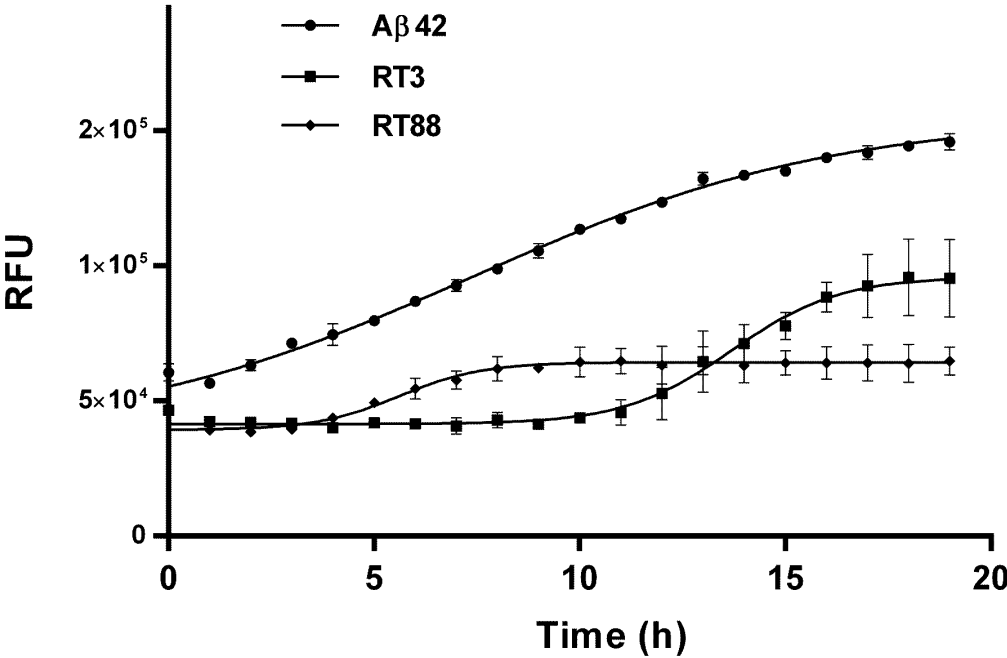


FIG. 6A

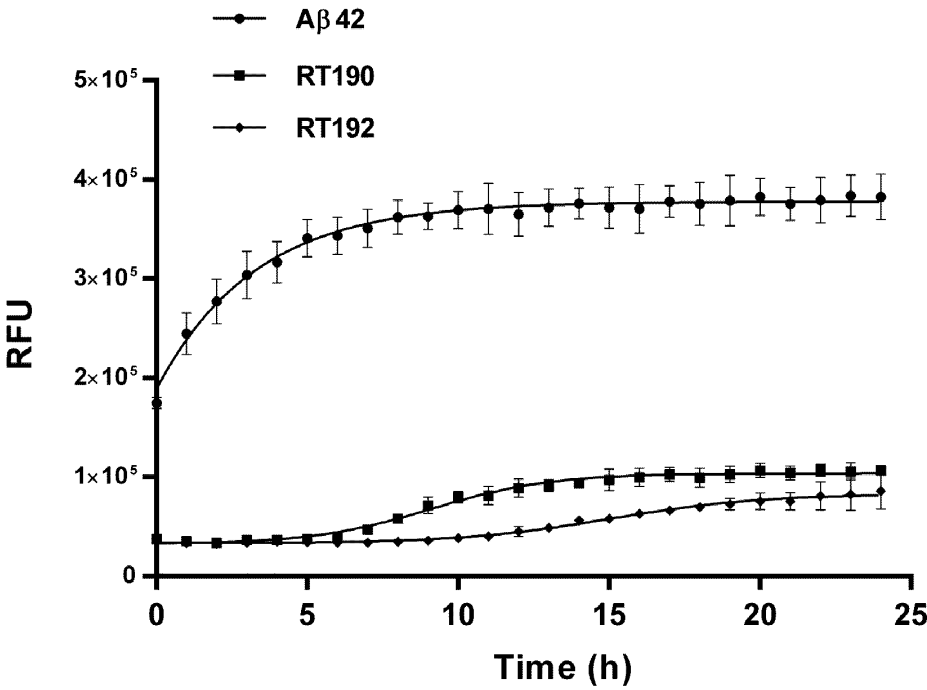


FIG. 6B

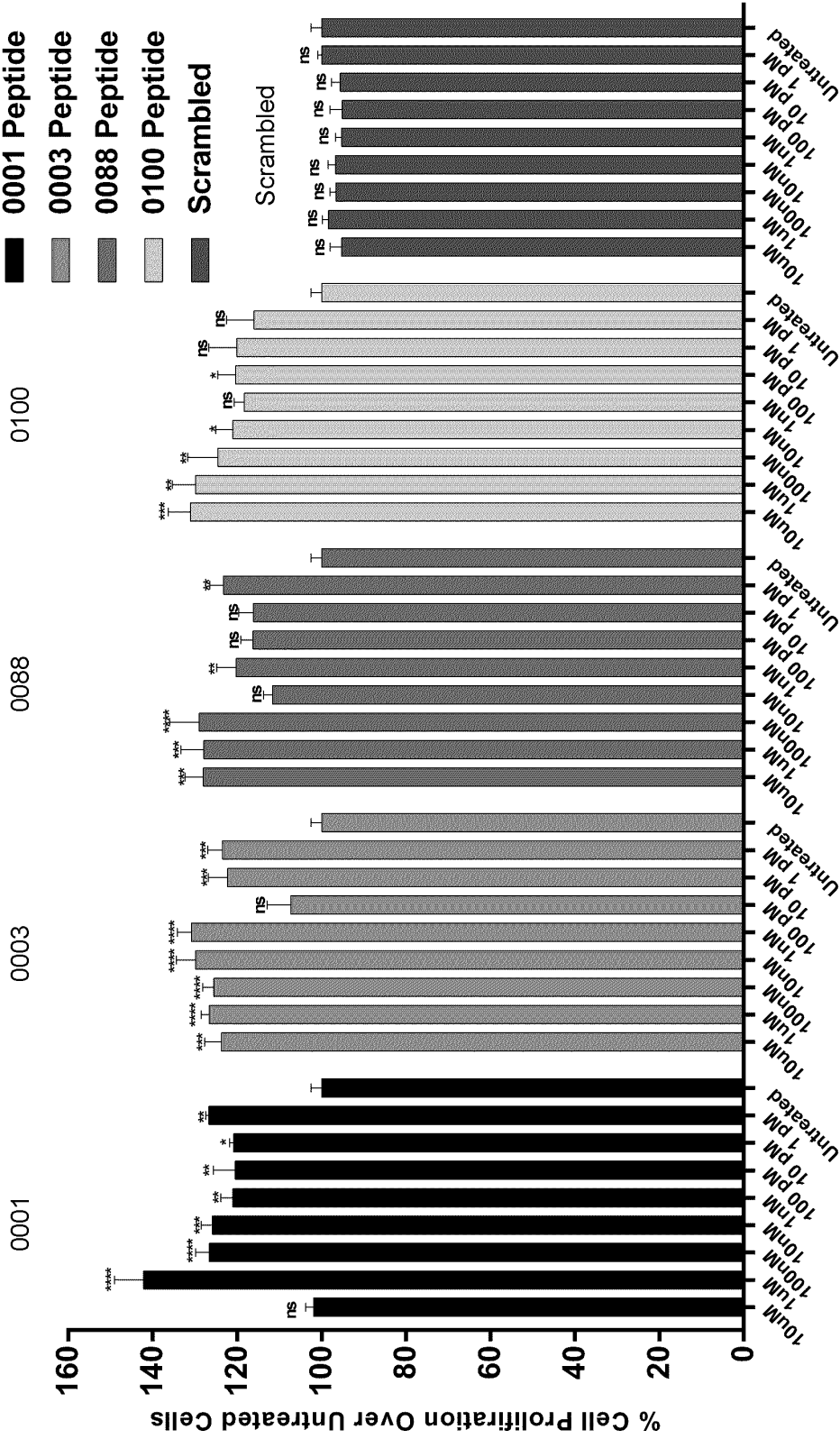
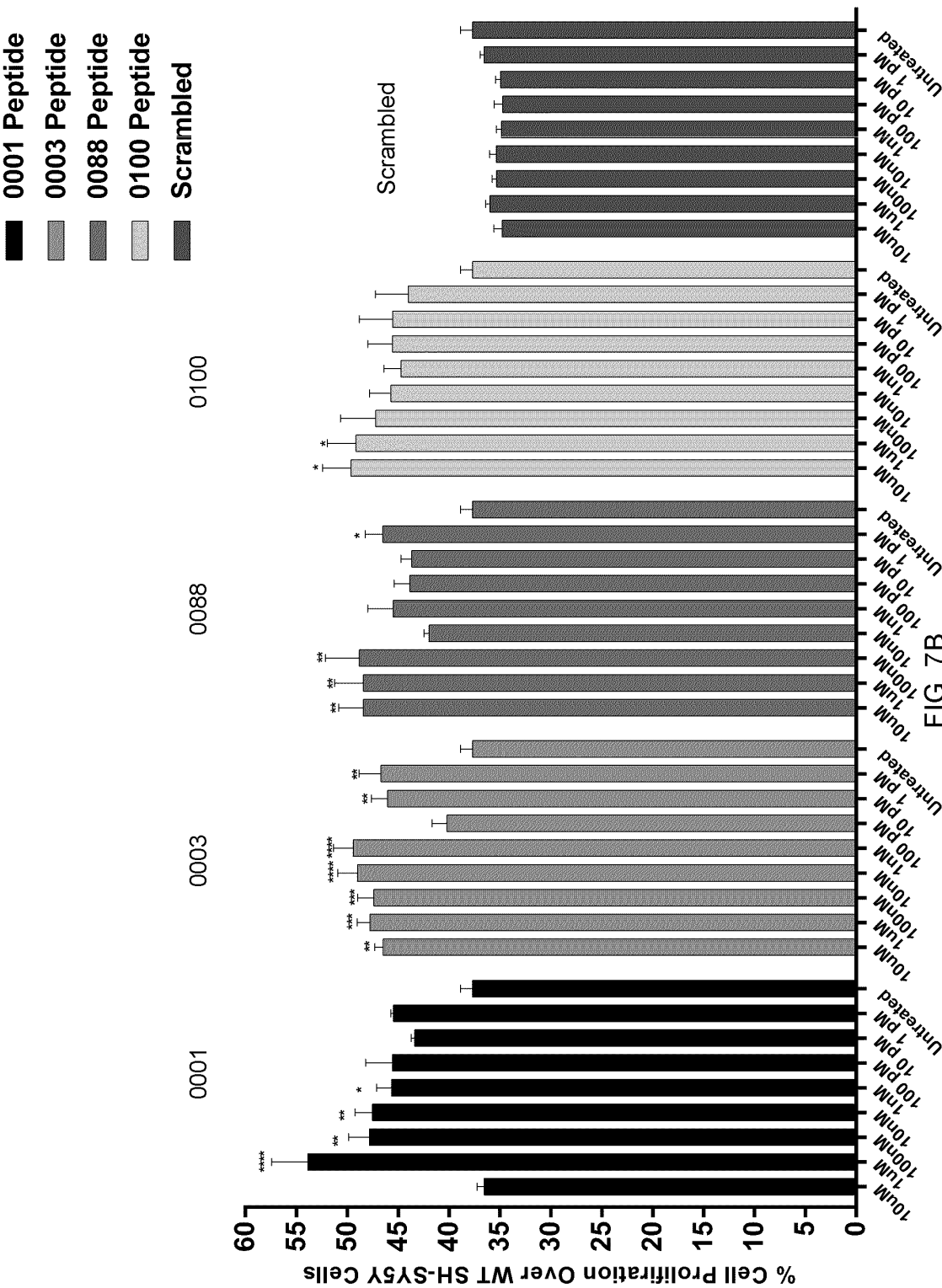


FIG. 7A



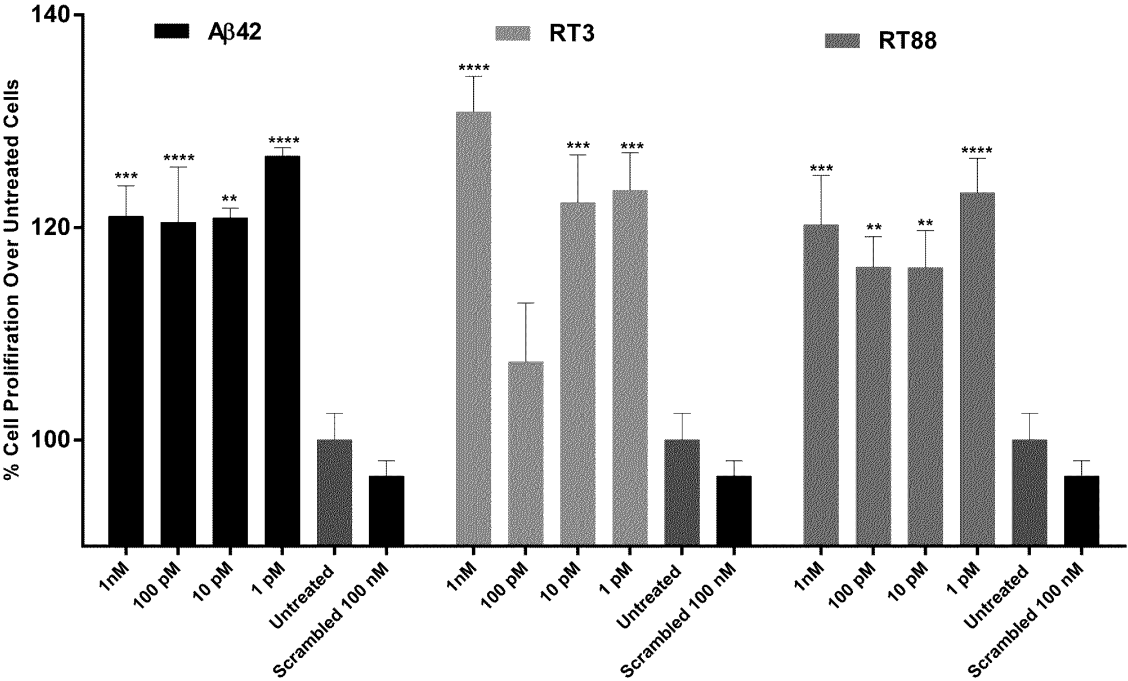


FIG. 7C

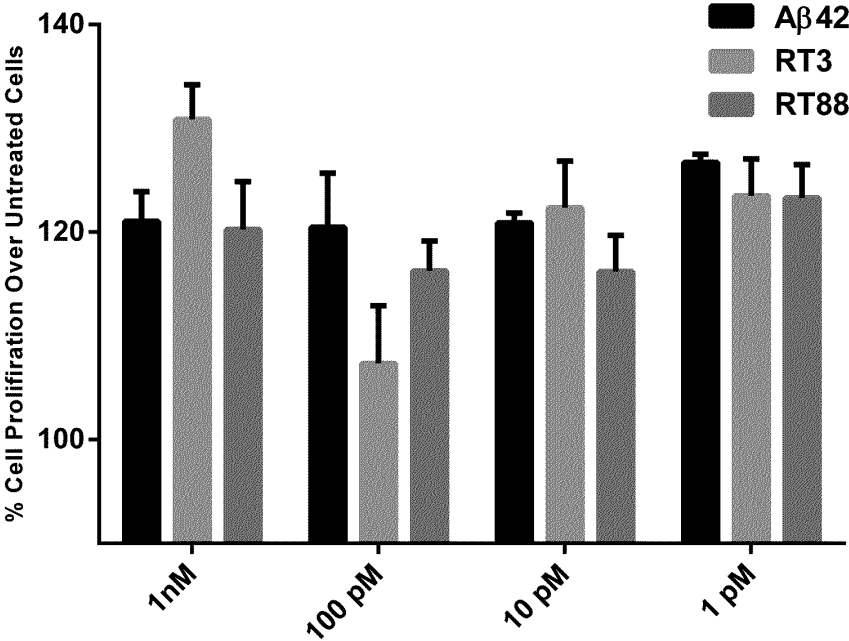


FIG. 7D

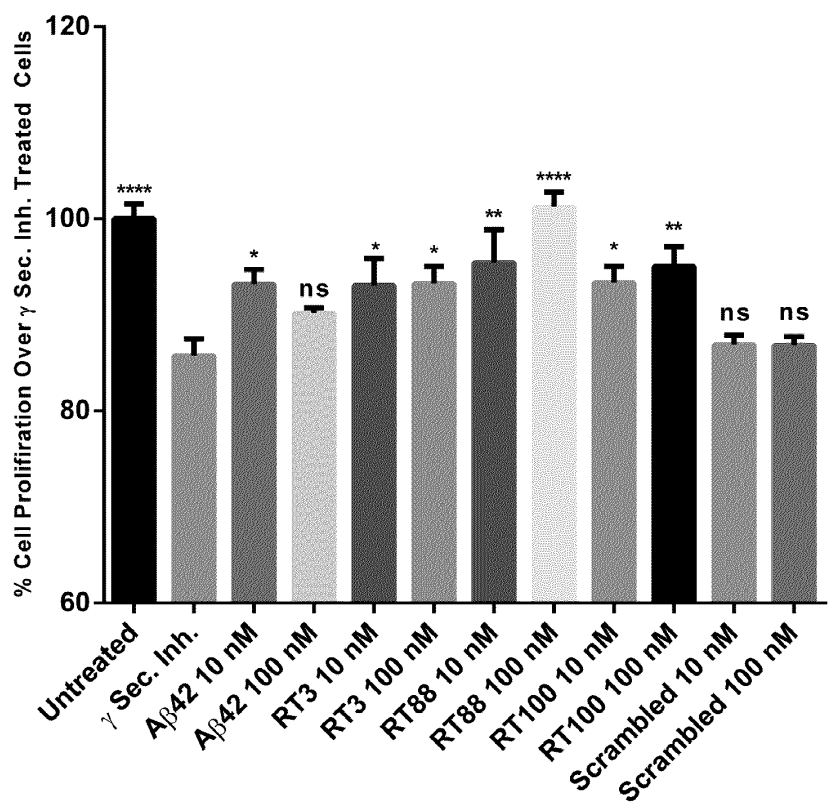


FIG. 8

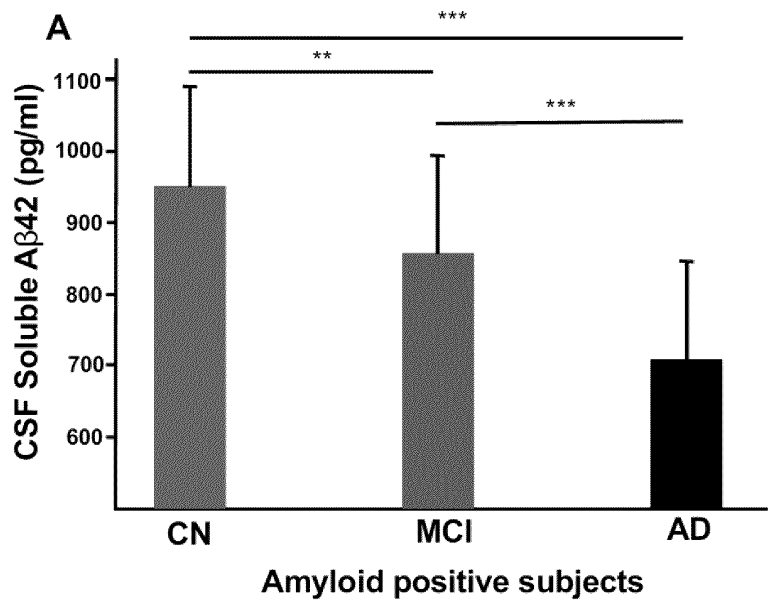


FIG. 9A

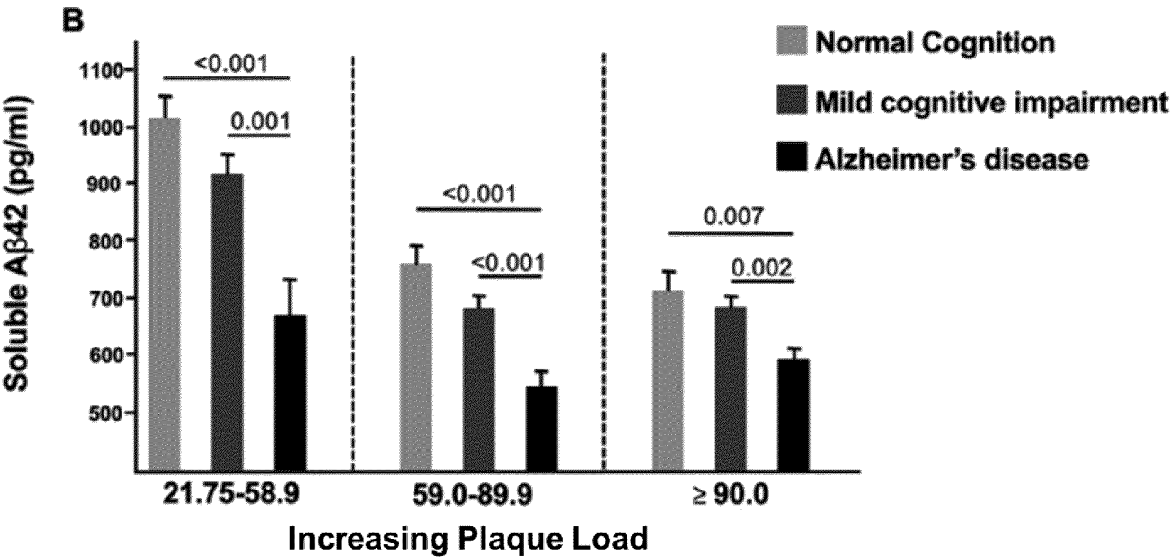


FIG. 9B

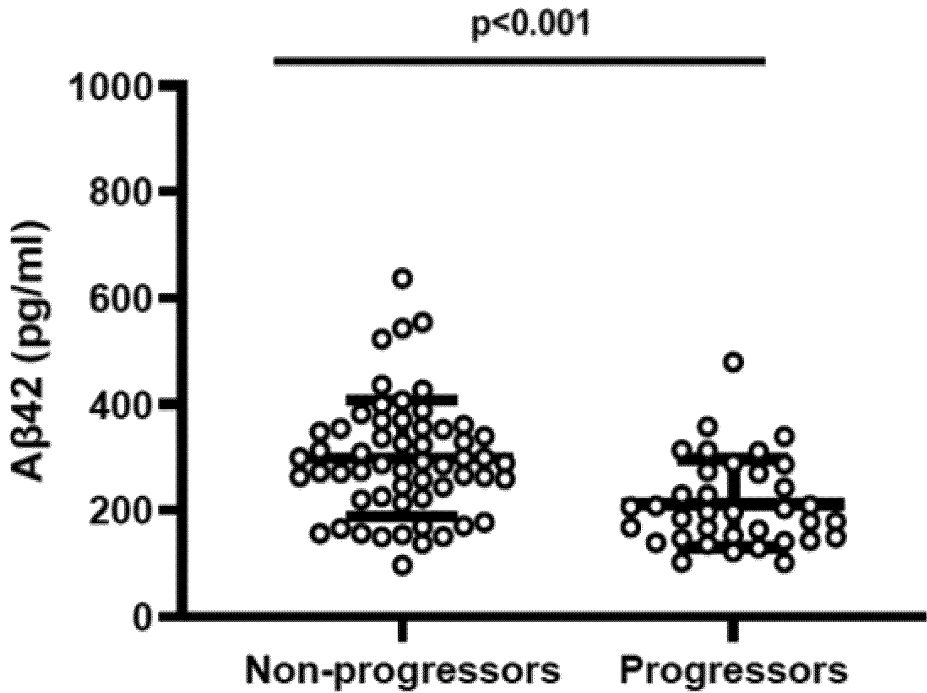
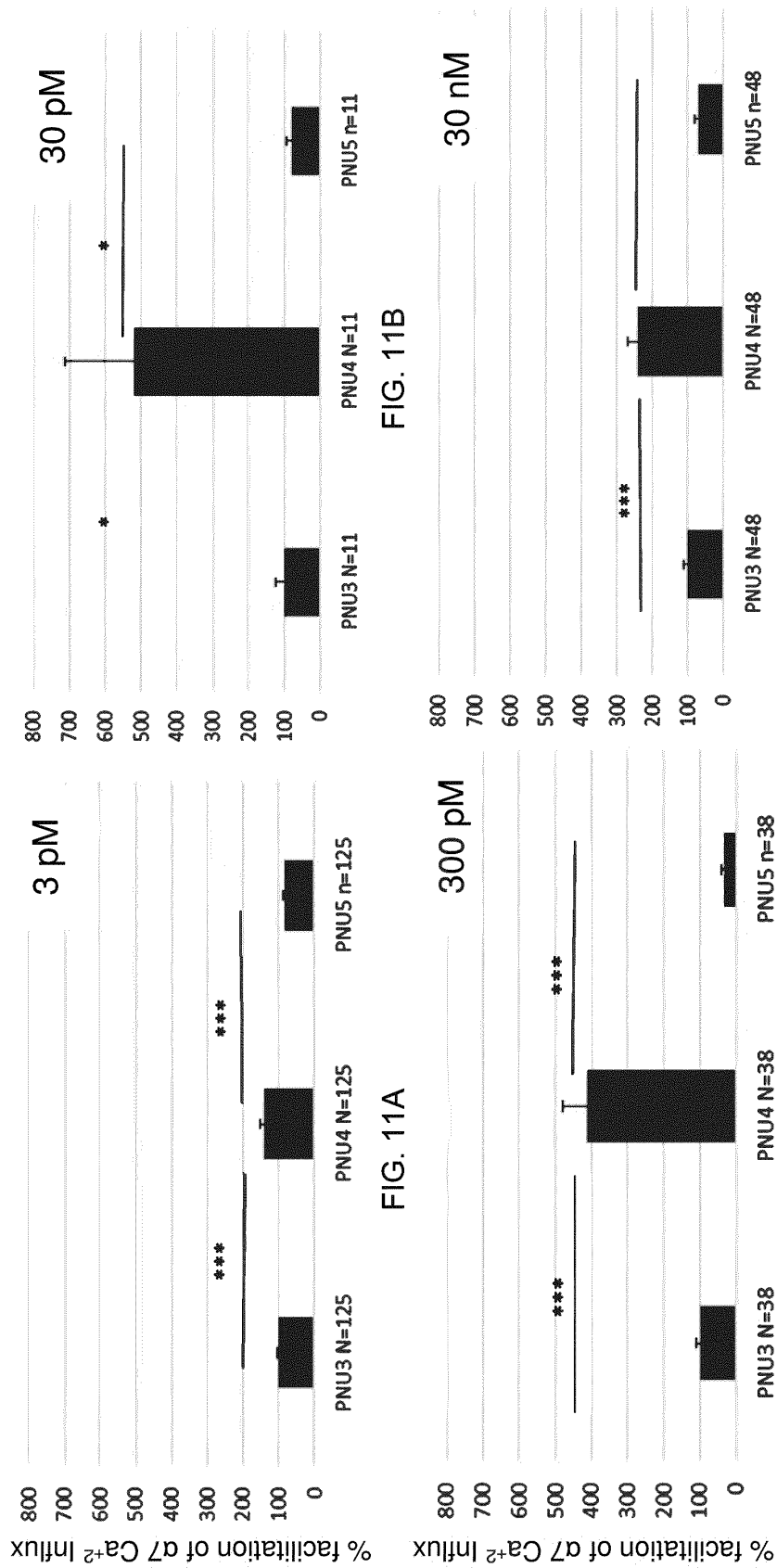
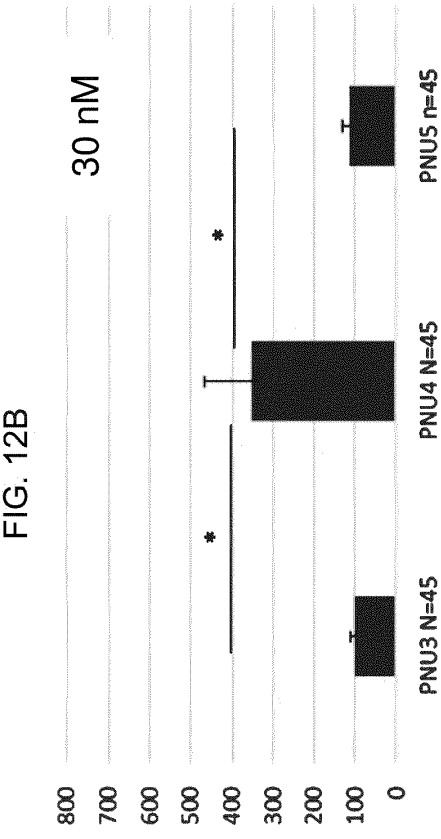
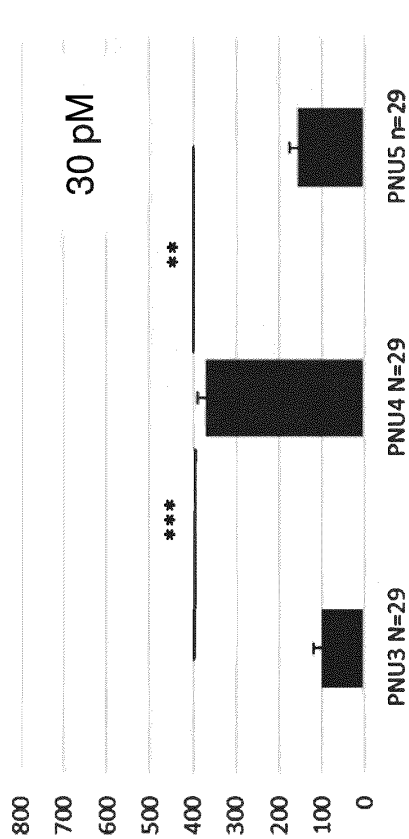
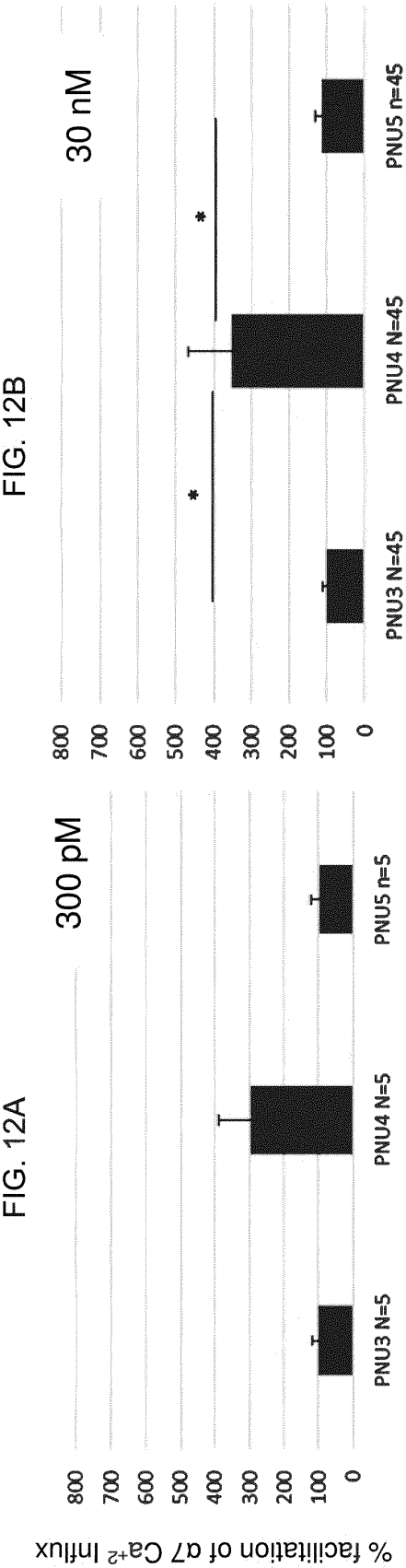
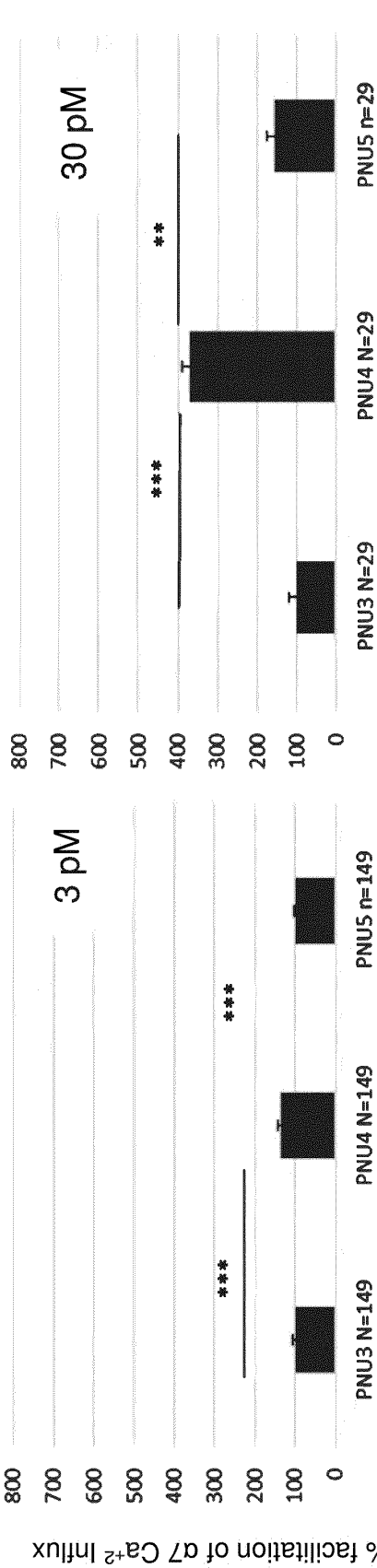


FIG. 10





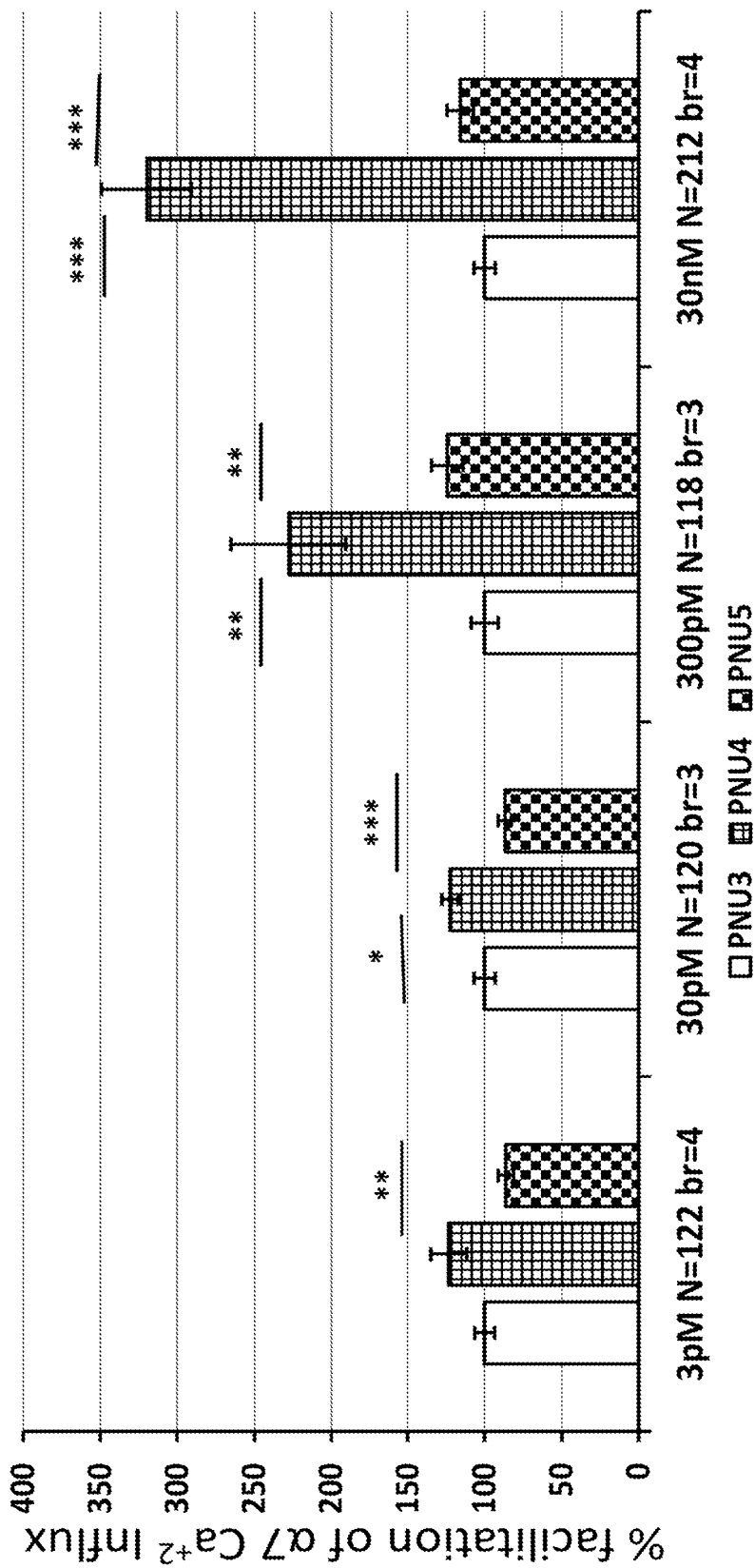


FIG. 13

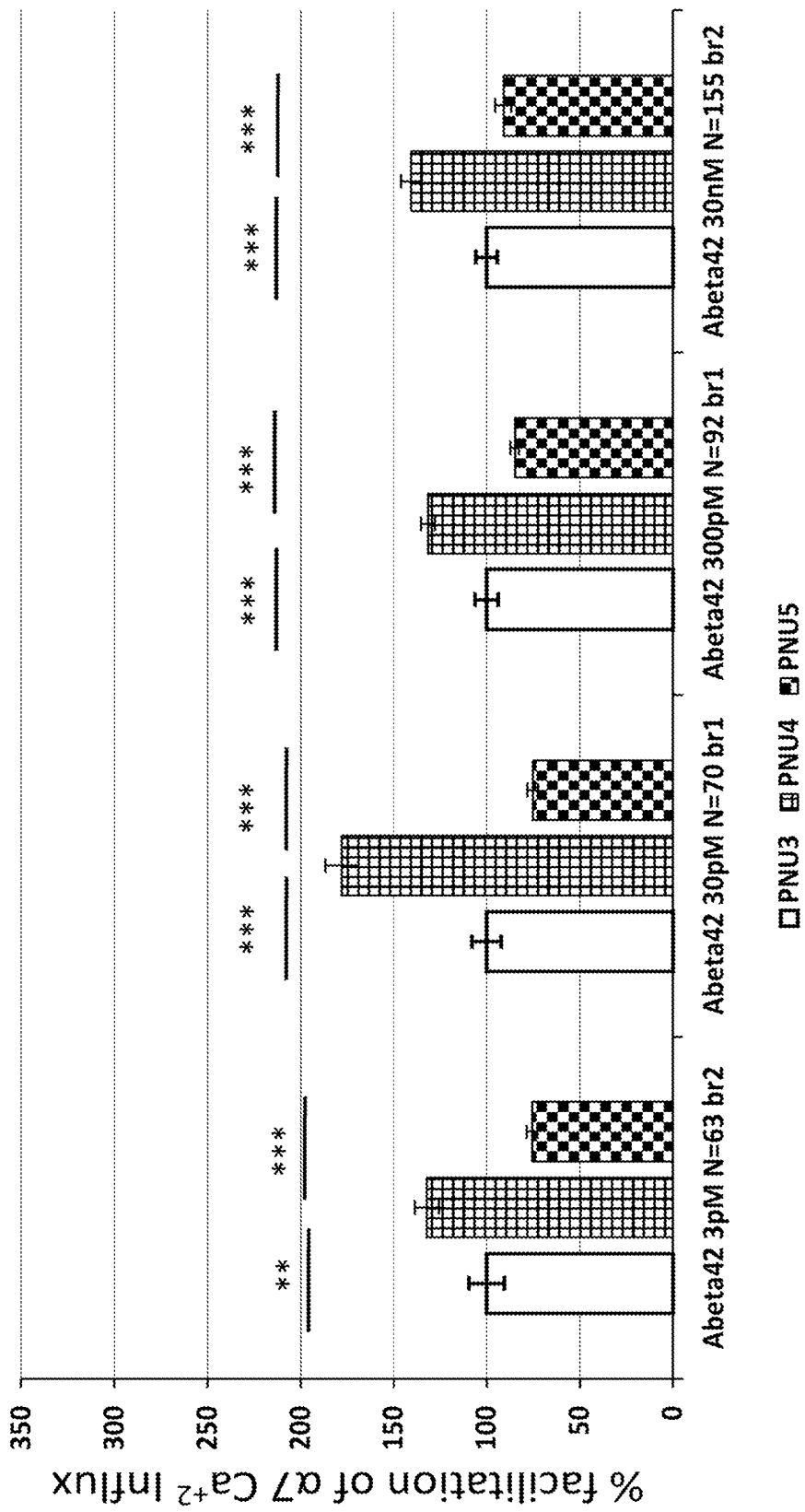


FIG. 14

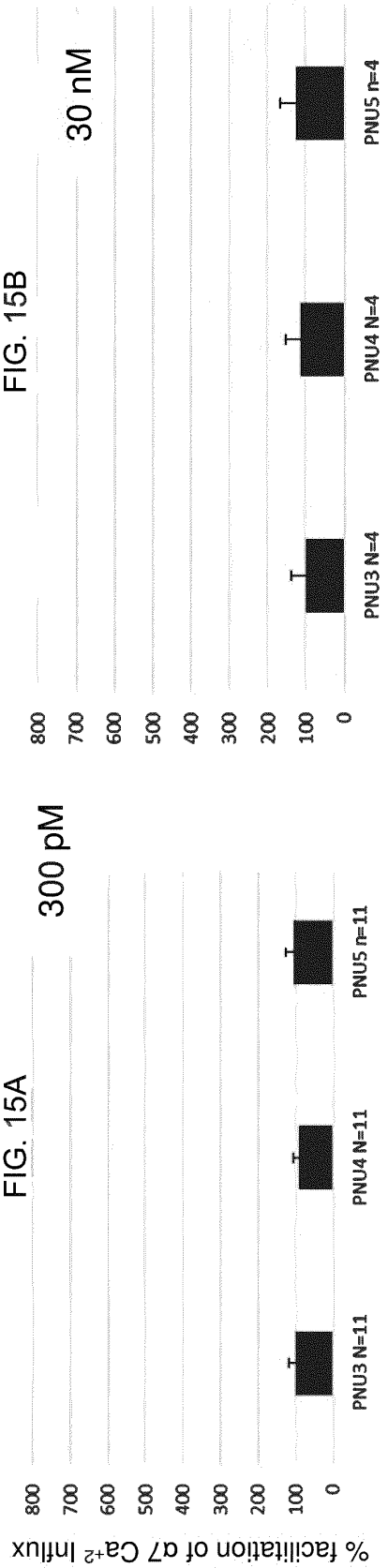
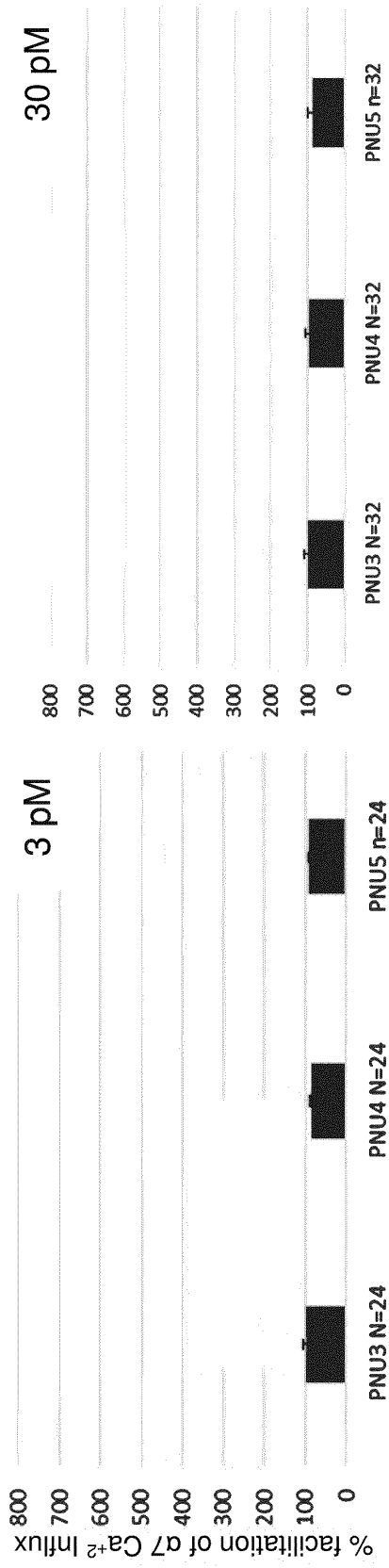


FIG. 15A

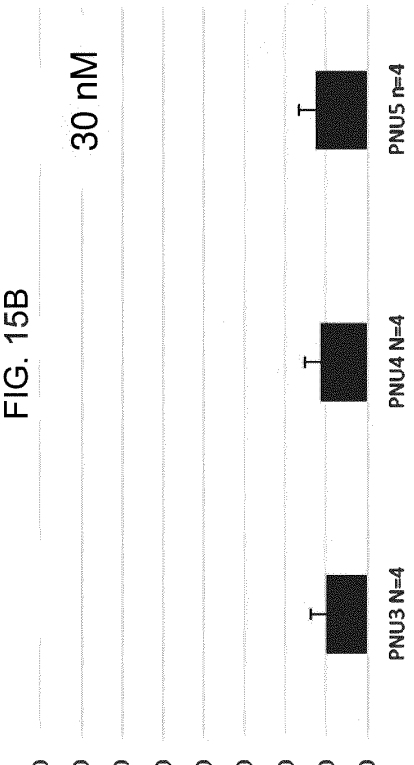
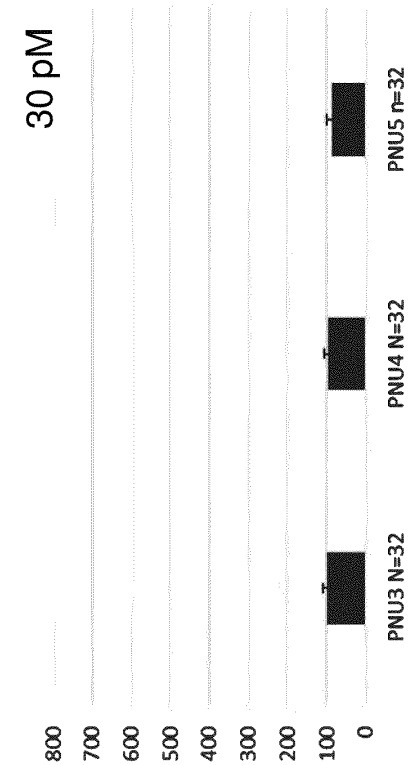


FIG. 15B

FIG. 15C

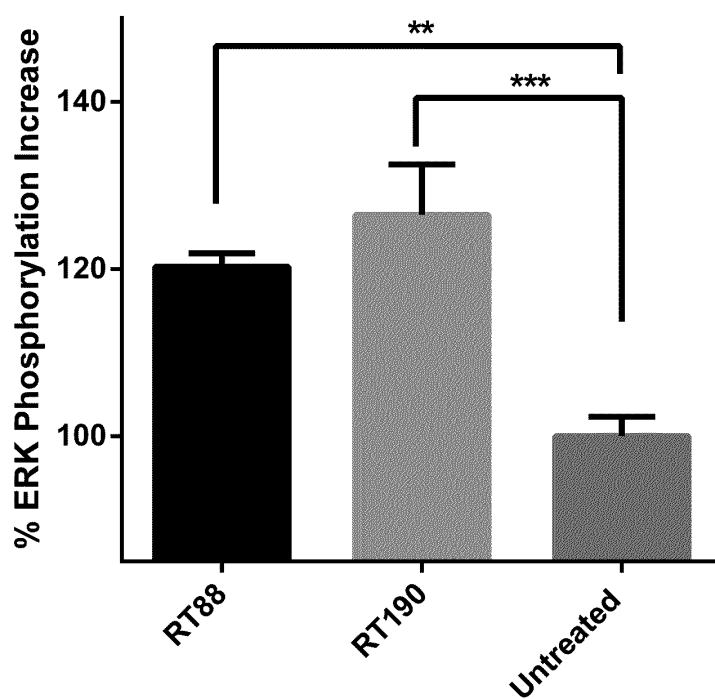


FIG. 16

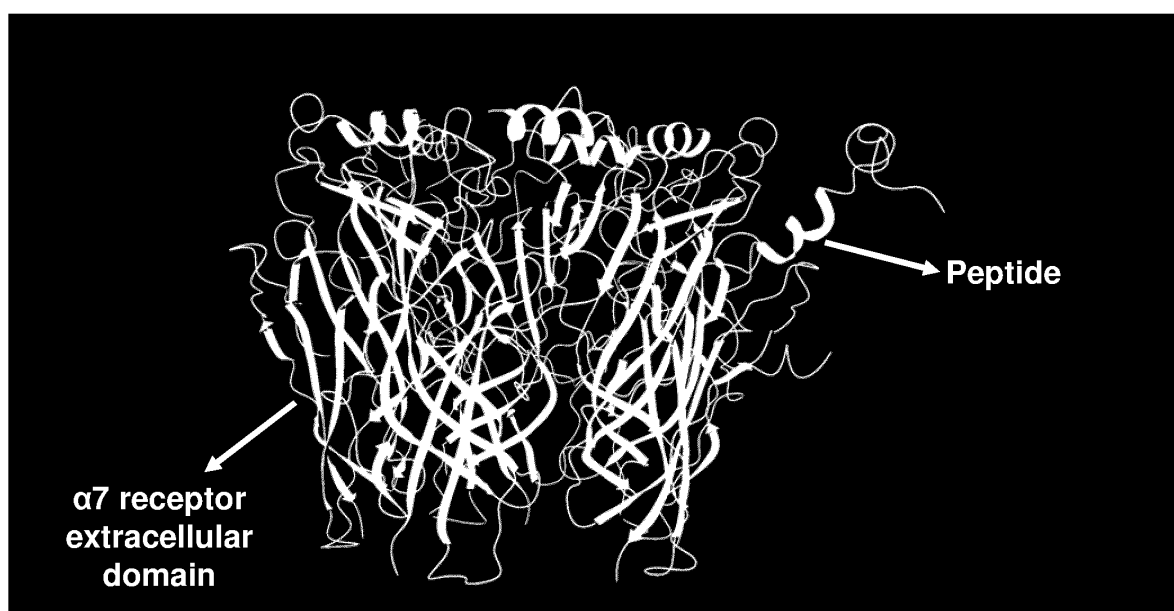


FIG. 17

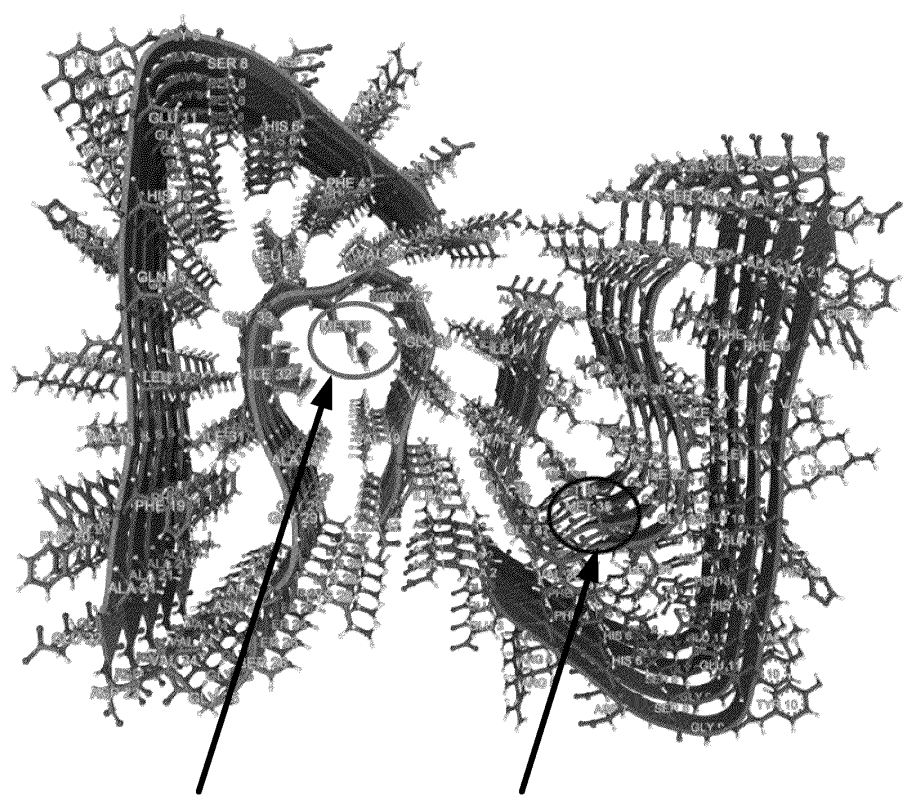


FIG. 18