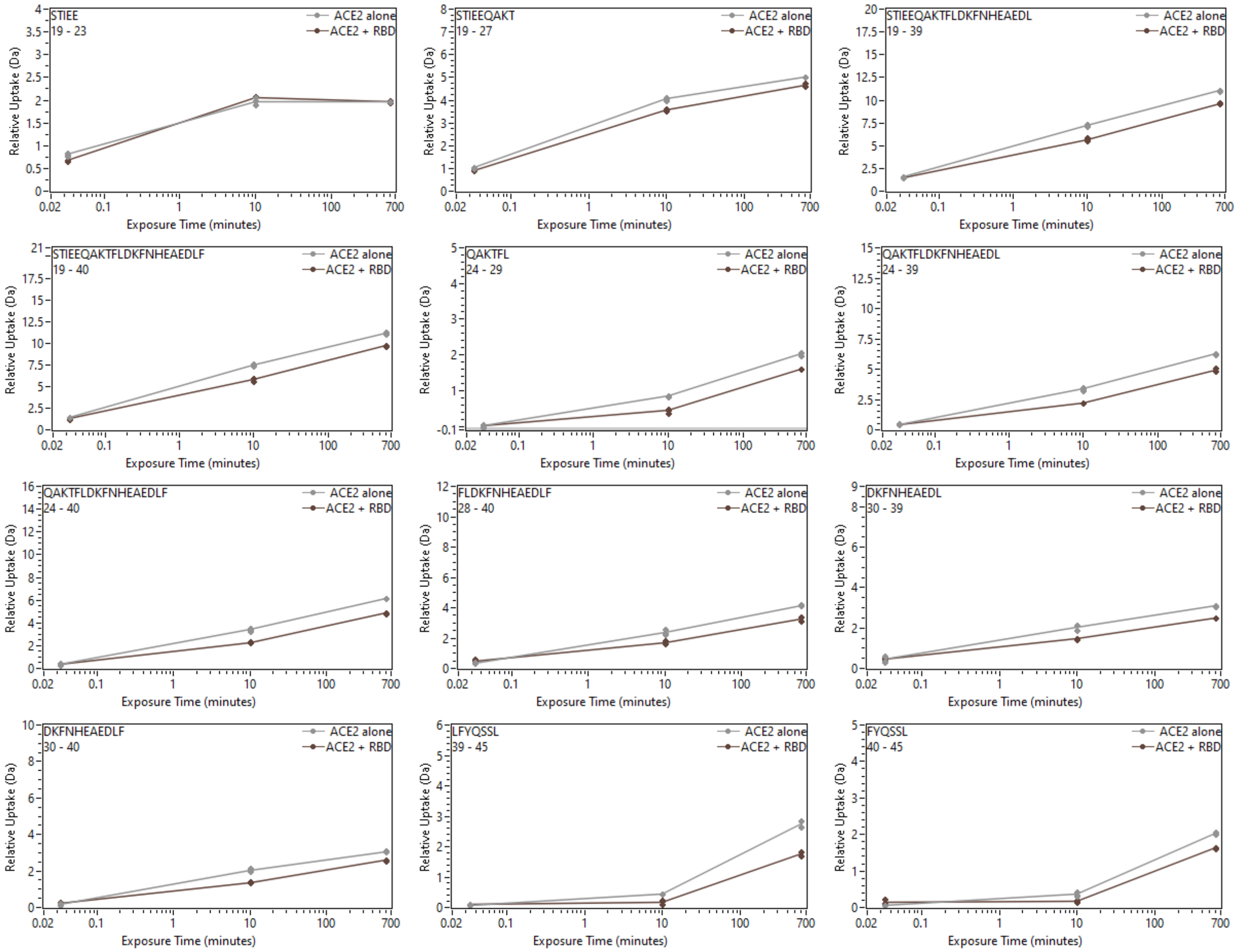
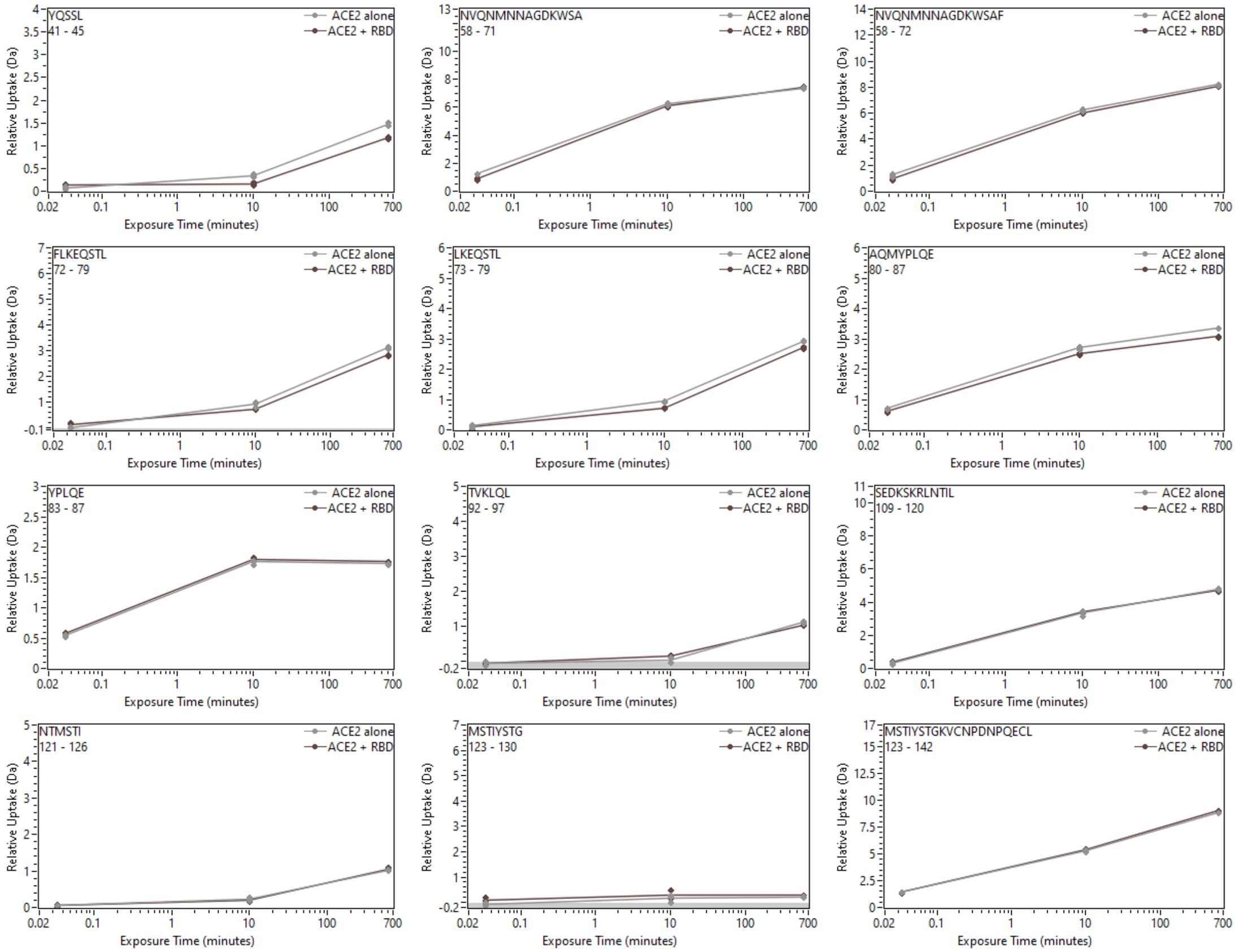
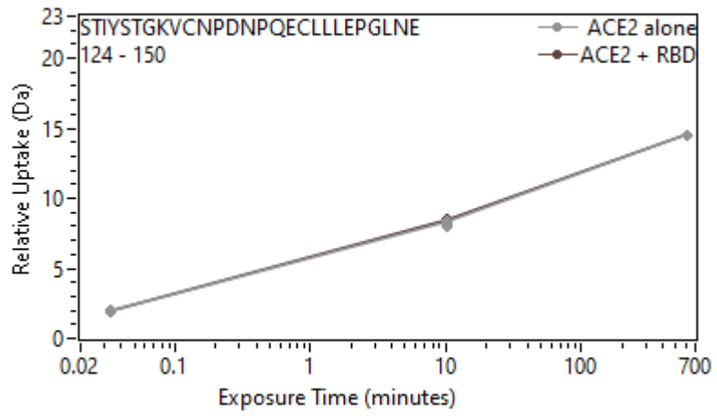
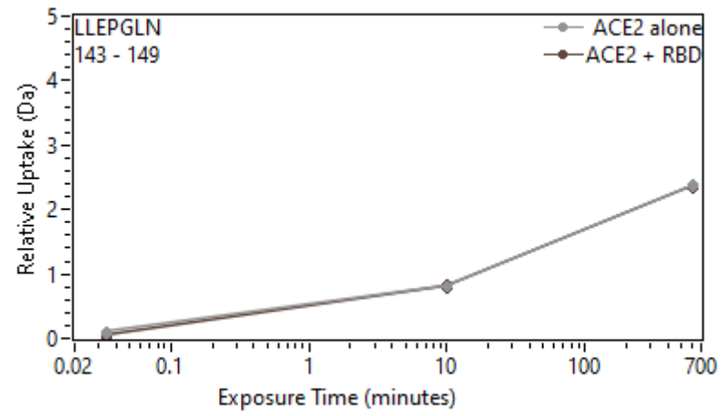
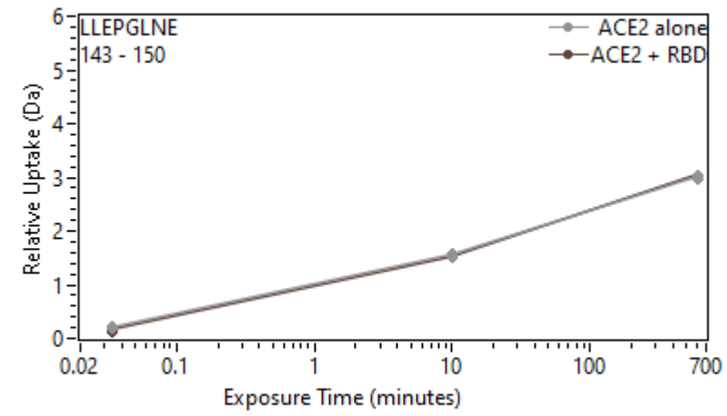
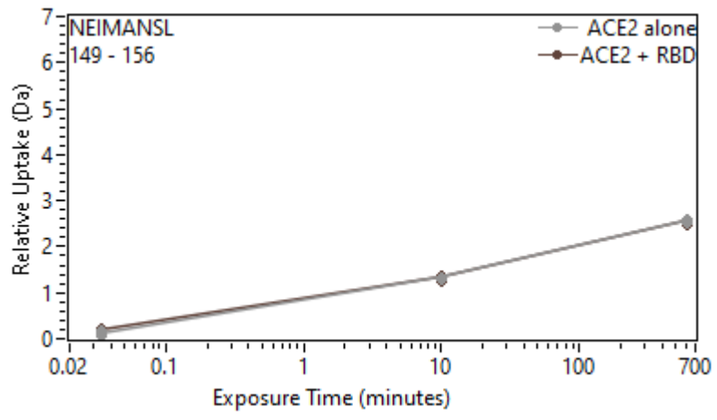

STIEE
19 - 23
STIEEQAKT
19 - 27
STIEEQAKTFLDKFNHEAEDL
19 - 39
STIEEQAKTFLDKFNHEAEDLF
19 - 40
QAKTFL
24 - 29
QAKTFLDKFNHEAEDL
24 - 39
QAKTFLDKFNHEAEDLF
24 - 40
FLDKFNHEAEDLF
28 - 40
DKFNHEAEDL
30 - 39
DKFNHEAEDLF
30 - 40
LFYQSSL
39 - 45
FYQSSL
40 - 45
ACE2 alone
ACE2 + RBD
Relative Uptake (Da)
Exposure Time (minutes)
0.02
0.1
1
10
100
700

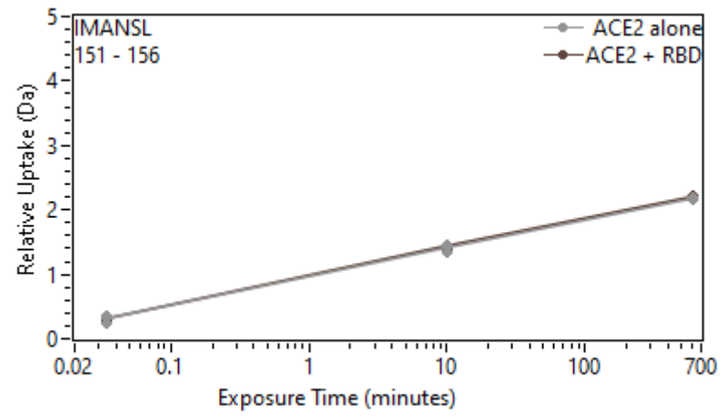

YQSSL
41 - 45
NVQNMNNAGDKWSA
58 - 71
NVQNMNNAGDKWSAF
58 - 72
FLKEQSTL
72 - 79
LKEQSTL
73 - 79
AQMYPLQE
80 - 87
YPLQE
83 - 87
TVKLQL
92 - 97
SEDKSKRLNTIL
109 - 120
NTMSTI
121 - 126
MSTIYSTG
123 - 130
MSTIYSTGKVCNPDNPQECL
123 - 142
ACE2 alone
ACE2 + RBD
Relative Uptake (Da)
Exposure Time (minutes)

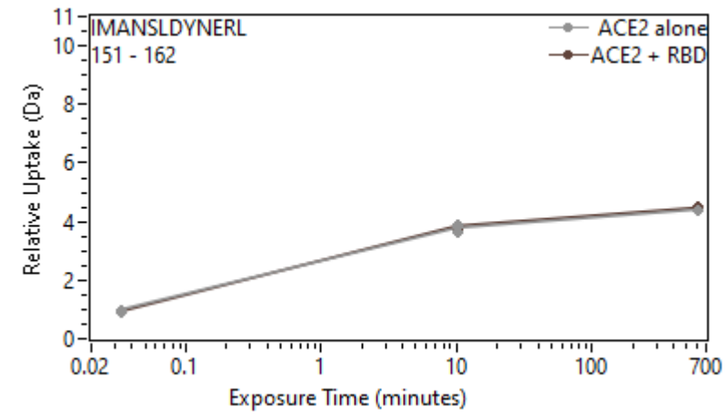

STIYSTGKVCNPDNPQECLLLEPGLNE
124 - 150
ACE2 alone
ACE2 + RBD
Relative Uptake (Da)
Exposure Time (minutes)

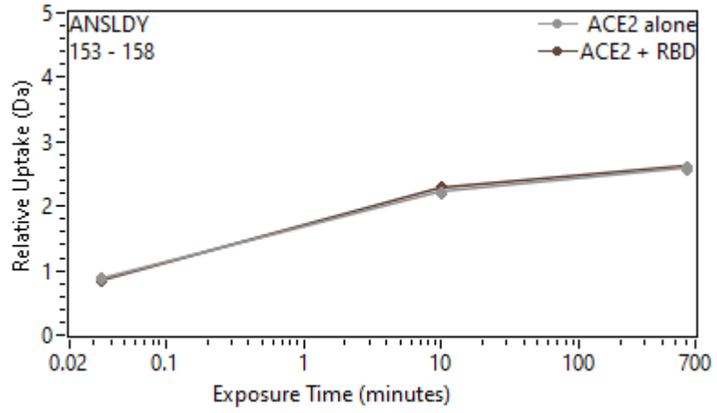

LLEPGLN
143 - 149
ACE2 alone
ACE2 + RBD
Relative Uptake (Da)
Exposure Time (minutes)

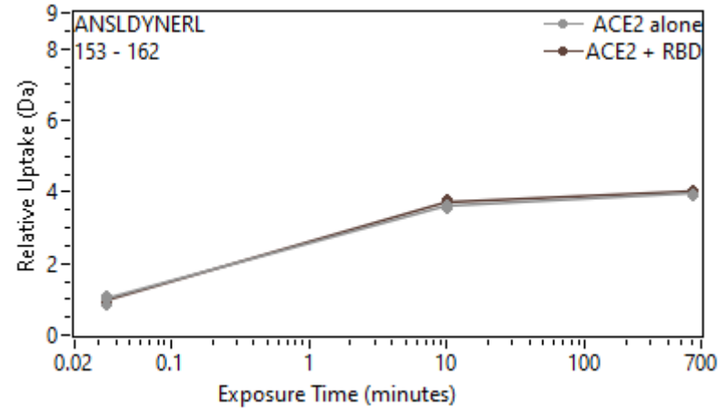

LLEPGLNE
143 - 150
ACE2 alone
ACE2 + RBD
Relative Uptake (Da)
Exposure Time (minutes)

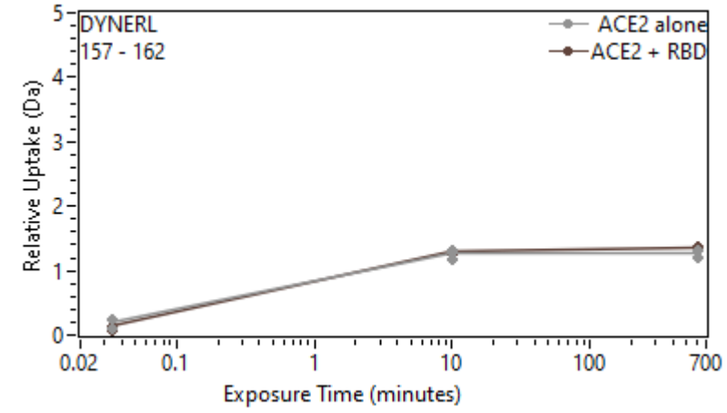

NEIMANSL
149 - 156
ACE2 alone
ACE2 + RBD
Relative Uptake (Da)
Exposure Time (minutes)

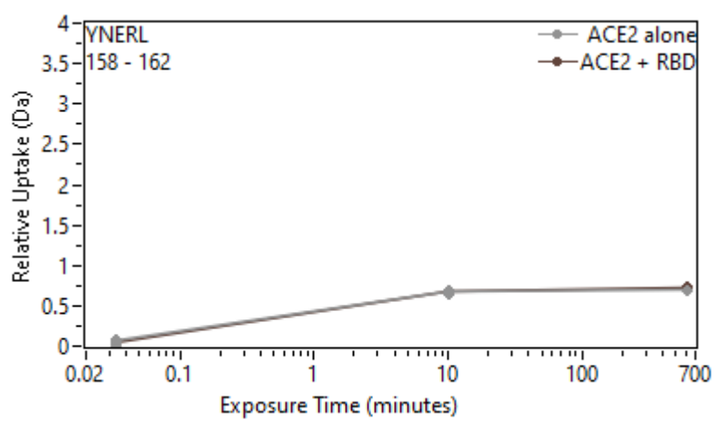

IMANSL
151 - 156
ACE2 alone
ACE2 + RBD
Relative Uptake (Da)
Exposure Time (minutes)

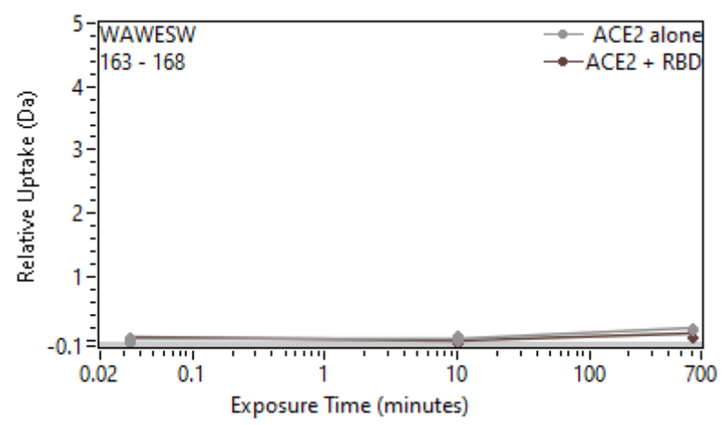

IMANSLDYNERL
151 - 162
ACE2 alone
ACE2 + RBD
Relative Uptake (Da)
Exposure Time (minutes)

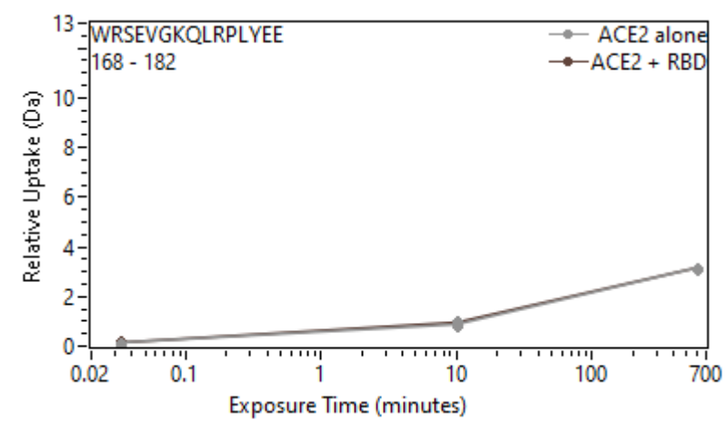

ANSLDY
153 - 158
ACE2 alone
ACE2 + RBD
Relative Uptake (Da)
Exposure Time (minutes)

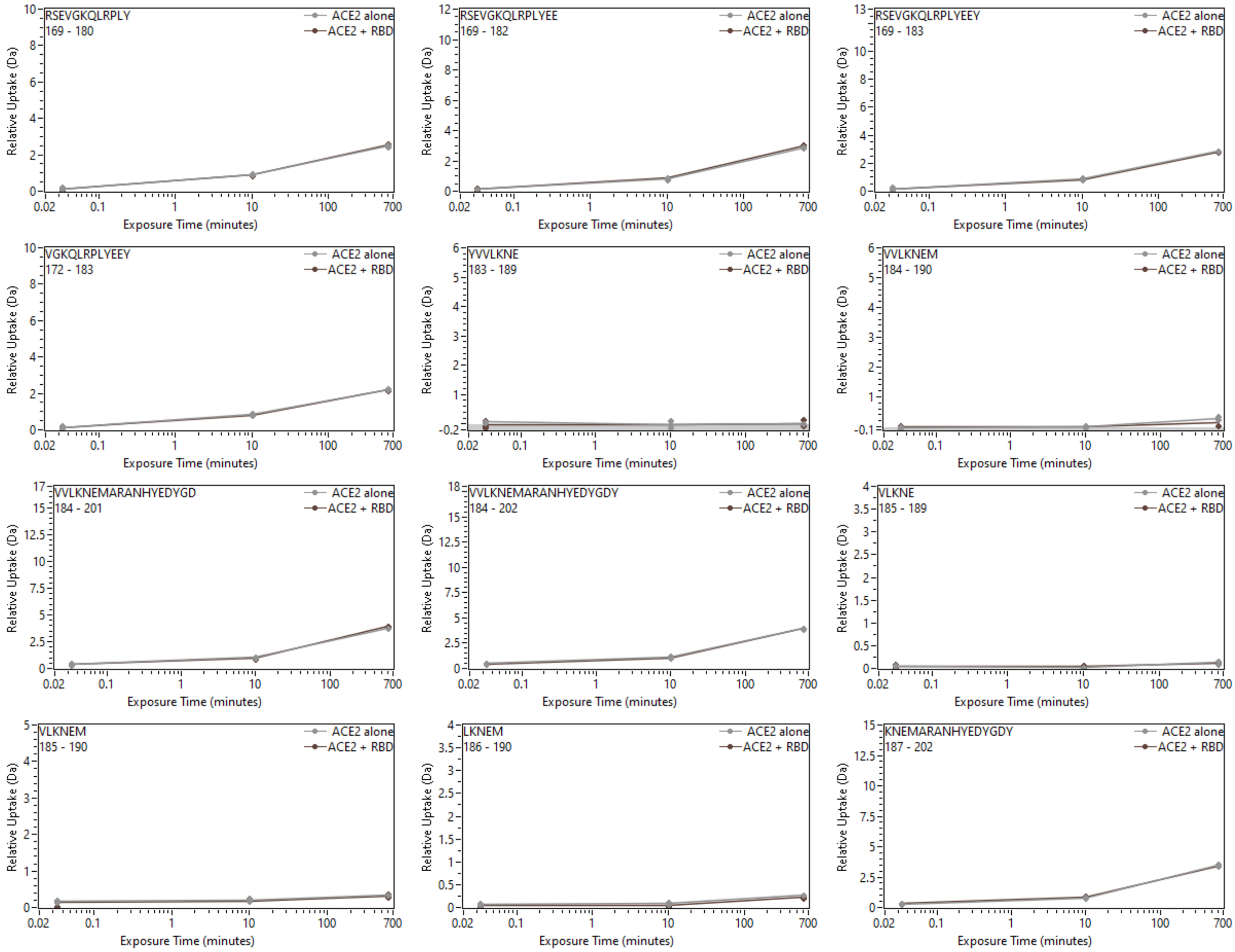

ANSLDYNERL
153 - 162
ACE2 alone
ACE2 + RBD
Relative Uptake (Da)
Exposure Time (minutes)

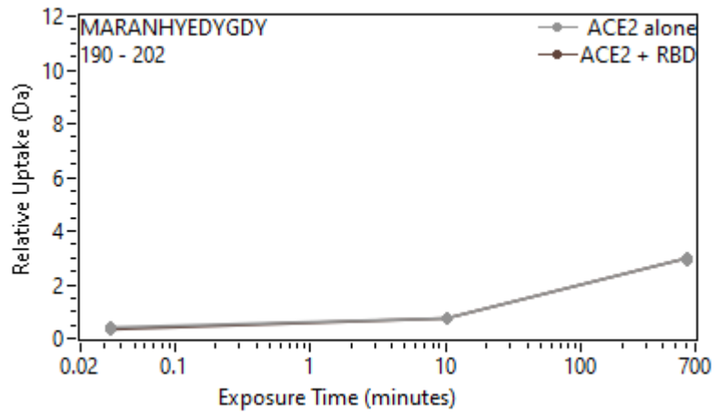

DYNERL
157 - 162
ACE2 alone
ACE2 + RBD
Relative Uptake (Da)
Exposure Time (minutes)

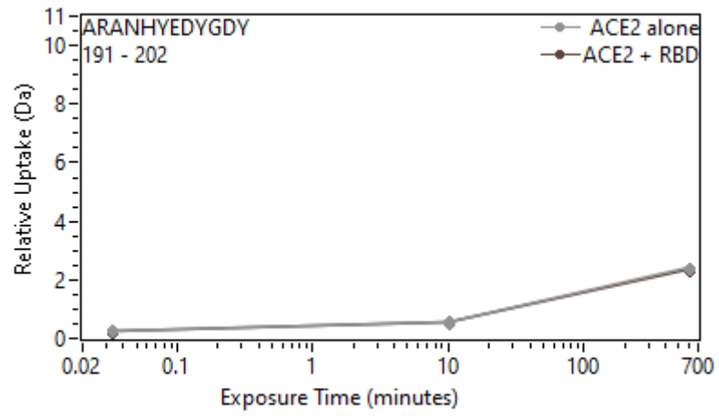

YNERL
158 - 162
ACE2 alone
ACE2 + RBD
Relative Uptake (Da)
Exposure Time (minutes)

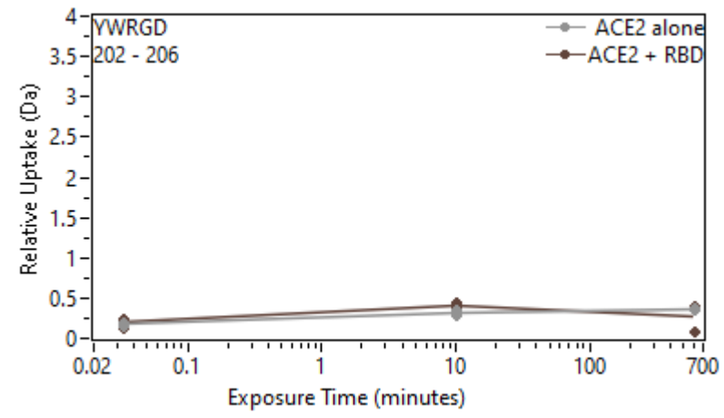

WAWESW
163 - 168
ACE2 alone
ACE2 + RBD
Relative Uptake (Da)
Exposure Time (minutes)

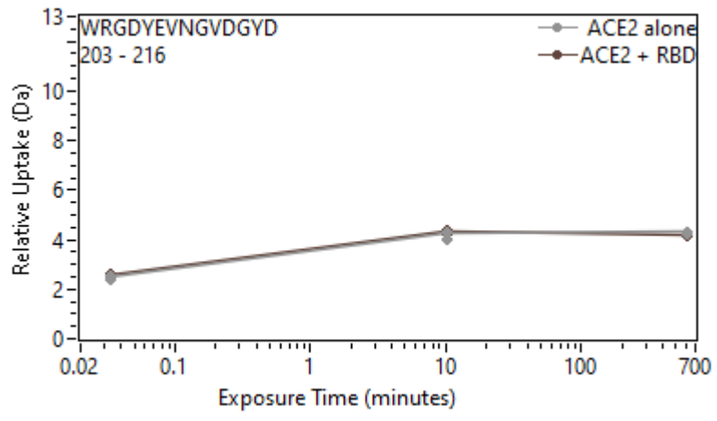

WRSEVGKQLRPLYEE
168 - 182
ACE2 alone
ACE2 + RBD
Relative Uptake (Da)
Exposure Time (minutes)

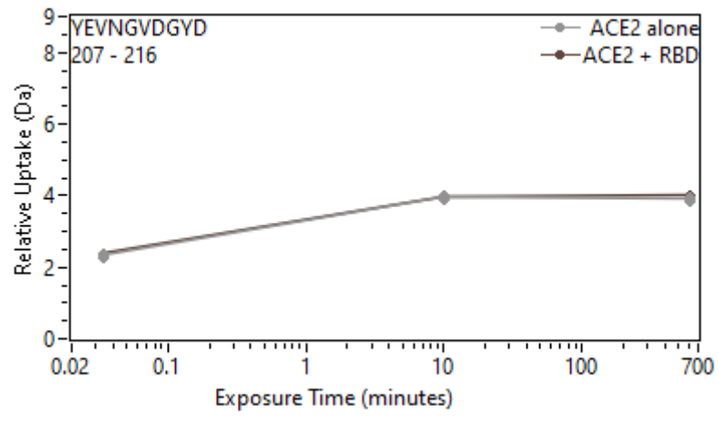

RSEVGKQLRPLY
169 - 180
RSEVGKQLRPLYEE
169 - 182
RSEVGKQLRPLYEEY
169 - 183
VGKQLRPLYEEY
172 - 183
YVVLKNE
183 - 189
VVLKNEM
184 - 190
VVLKNEMARANHYEDYGD
184 - 201
VVLKNEMARANHYEDYGDY
184 - 202
VLKNE
185 - 189
VLKNEM
185 - 190
LKNEM
186 - 190
KNEMARANHYEDYGDY
187 - 202
ACE2 alone
ACE2 + RBD
Relative Uptake (Da)
Exposure Time (minutes)

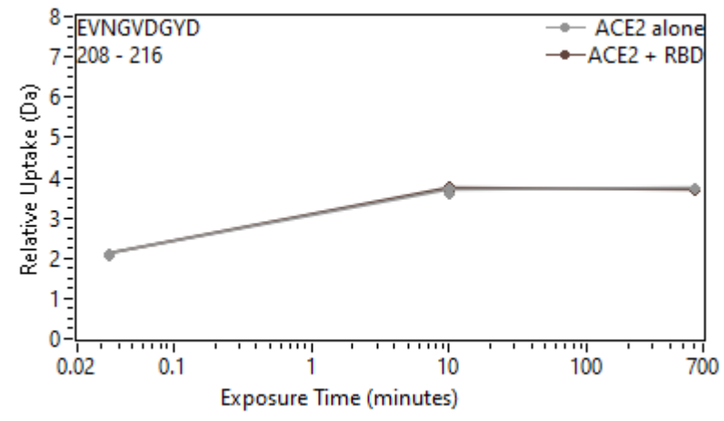

MARANHYEDYGDY
190 - 202
ACE2 alone
ACE2 + RBD
Relative Uptake (Da)
Exposure Time (minutes)

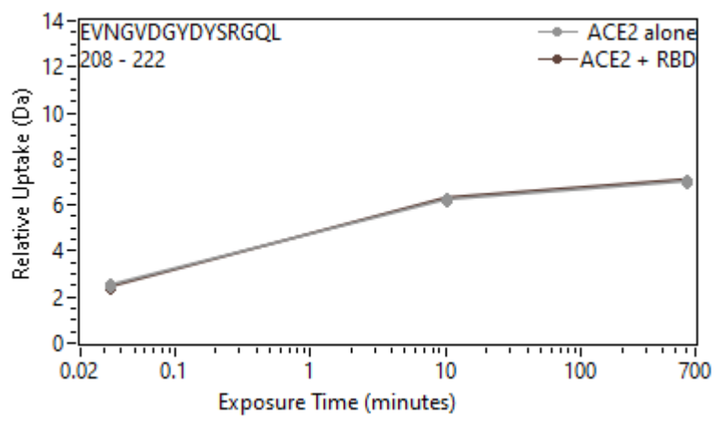

ARANHYEDYGDY
191 - 202
ACE2 alone
ACE2 + RBD
Relative Uptake (Da)
Exposure Time (minutes)

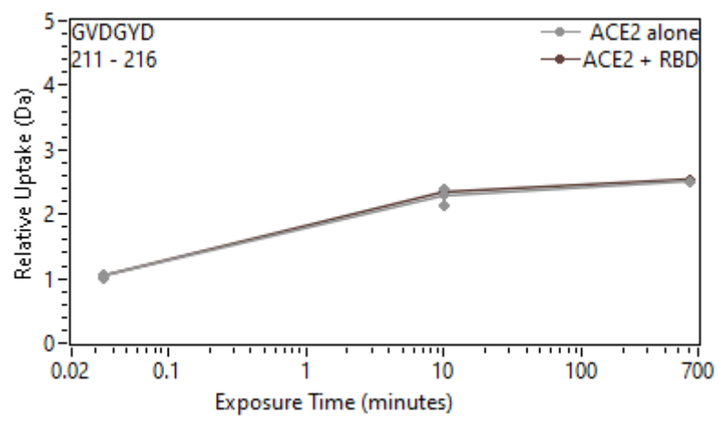

YWRGD
202 - 206
ACE2 alone
ACE2 + RBD
Relative Uptake (Da)
Exposure Time (minutes)

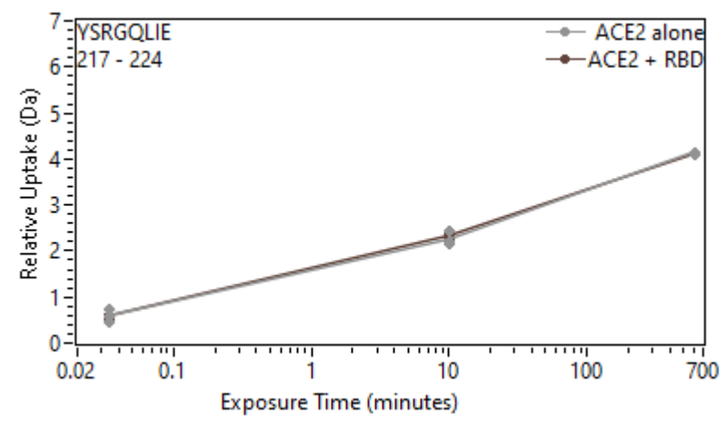

WRGDYEVNGVDGYD
203 - 216
ACE2 alone
ACE2 + RBD
Relative Uptake (Da)
Exposure Time (minutes)

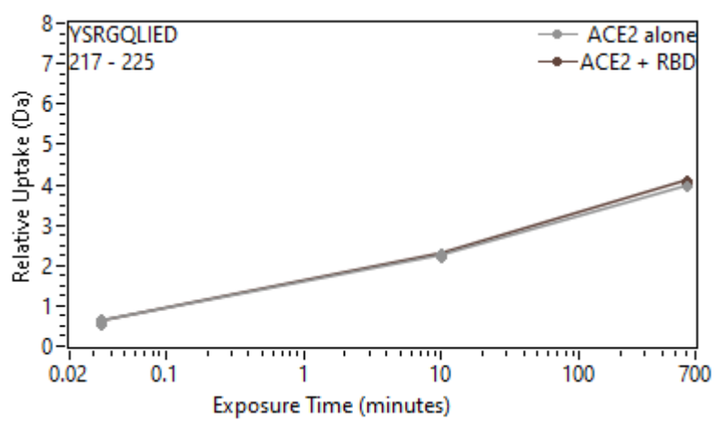

YEVNGVDGYD
207 - 216
ACE2 alone
ACE2 + RBD
Relative Uptake (Da)
Exposure Time (minutes)

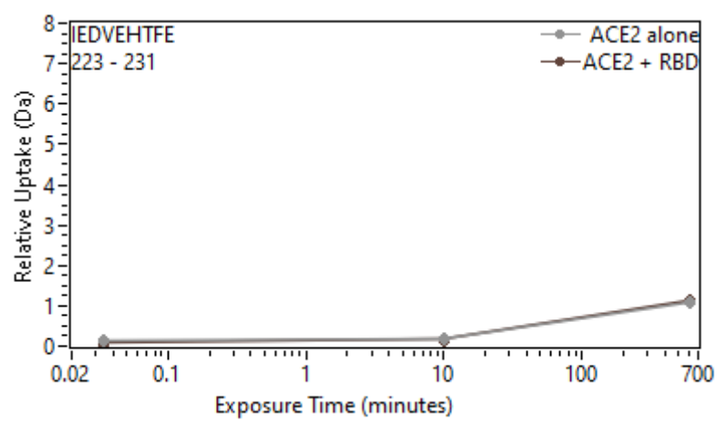

EVNGVDGYD
208 - 216
ACE2 alone
ACE2 + RBD
Relative Uptake (Da)
Exposure Time (minutes)

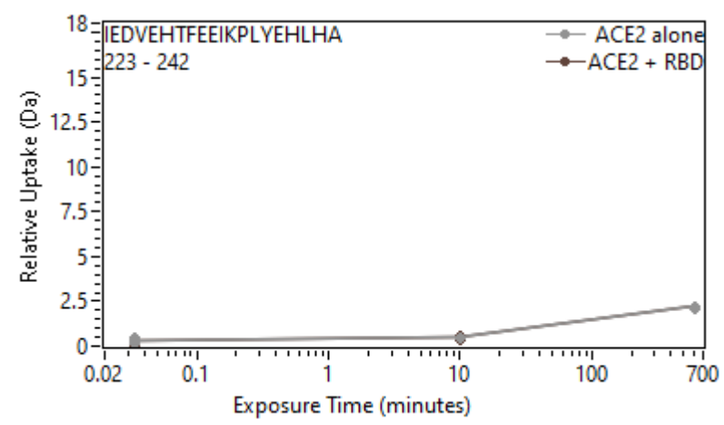

EVNGVDGYDYSRGQL
208 - 222
ACE2 alone
ACE2 + RBD
Relative Uptake (Da)
Exposure Time (minutes)

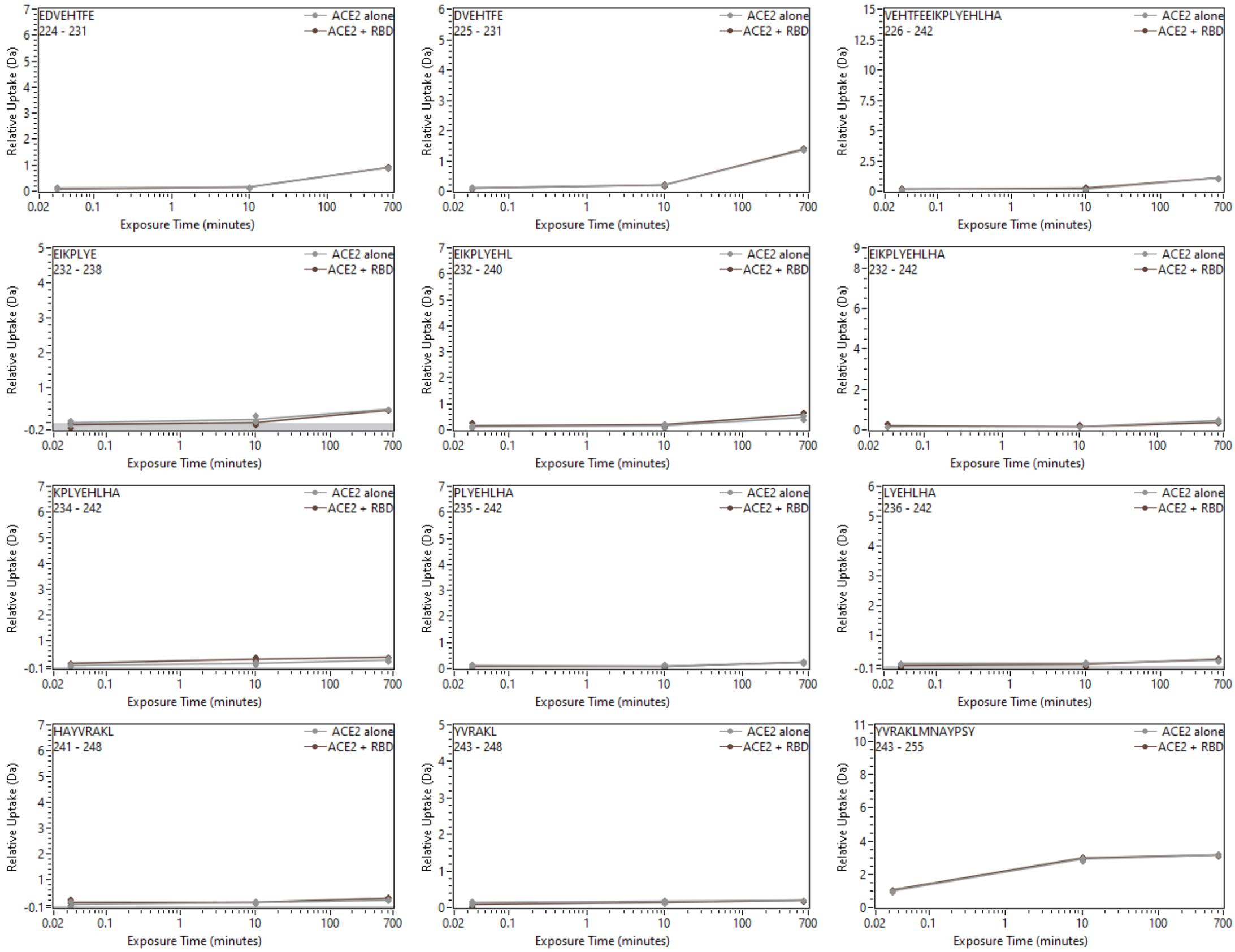

GVDGYD
211 - 216
ACE2 alone
ACE2 + RBD
Relative Uptake (Da)
Exposure Time (minutes)

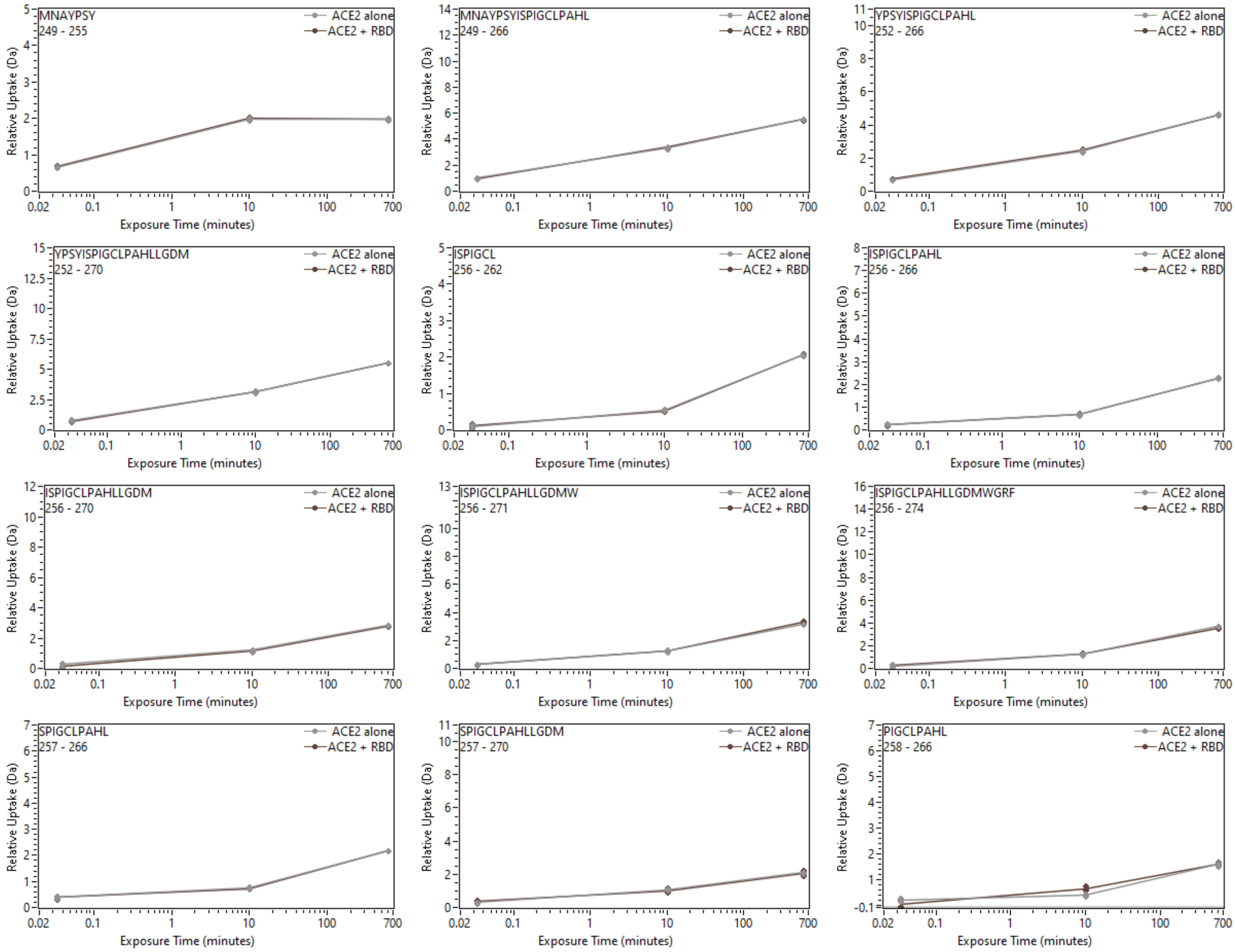

YSRGQLIE
217 - 224
ACE2 alone
ACE2 + RBD
Relative Uptake (Da)
Exposure Time (minutes)

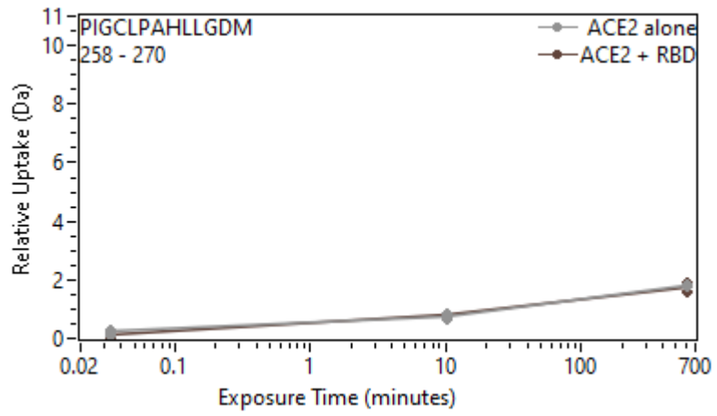

YSRGQLIED
217 - 225
ACE2 alone
ACE2 + RBD
Relative Uptake (Da)
Exposure Time (minutes)

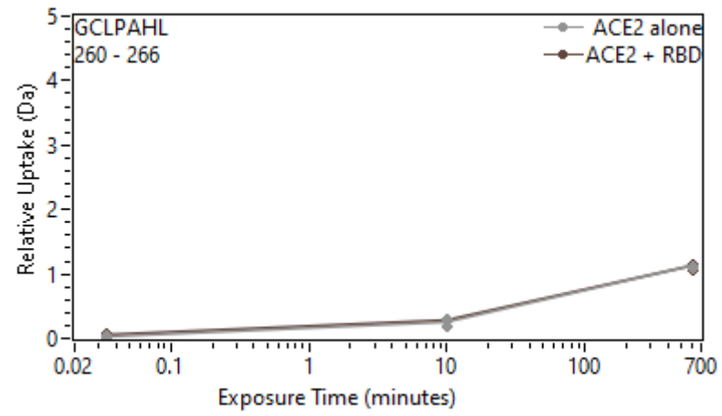

IEDVEHTFE
223 - 231
ACE2 alone
ACE2 + RBD
Relative Uptake (Da)
Exposure Time (minutes)

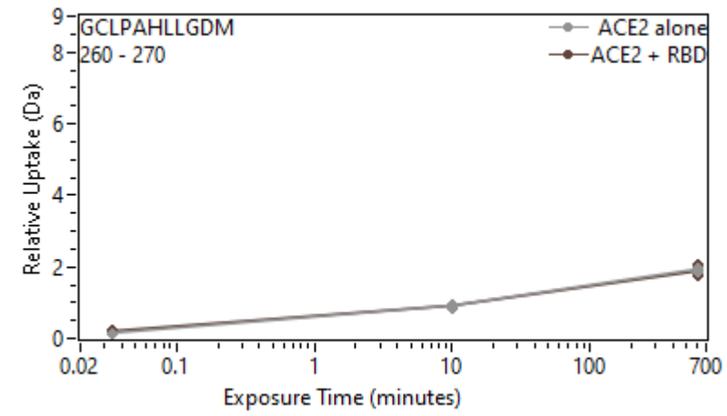

IEDVEHTFEEIKPLYEHLHA
223 - 242
ACE2 alone
ACE2 + RBD
Relative Uptake (Da)
Exposure Time (minutes)

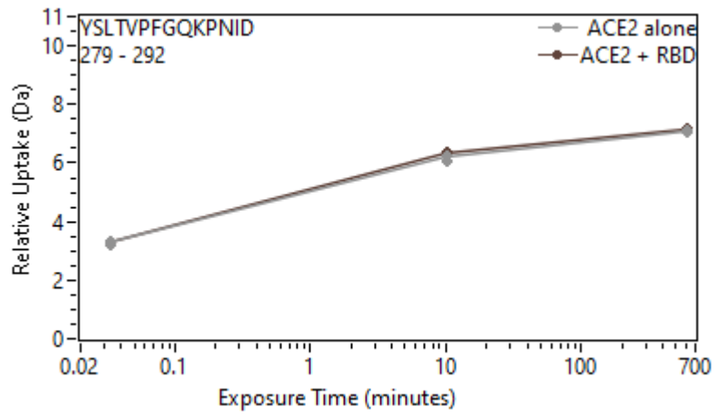

EDVEHTFE
224 - 231
DVEHTFE
225 - 231
VEHTFEEIKPLYEHLHA
226 - 242
EIKPLYE
232 - 238
EIKPLYEHL
232 - 240
EIKPLYEHLHA
232 - 242
KPLYEHLHA
234 - 242
PLYEHLHA
235 - 242
LYEHLHA
236 - 242
HAYVRAKL
241 - 248
YVRAKL
243 - 248
YVRAKLMNAYPSY
243 - 255
ACE2 alone
ACE2 + RBD
Relative Uptake (Da)
Exposure Time (minutes)
0.02
0.1
1
10
100
700

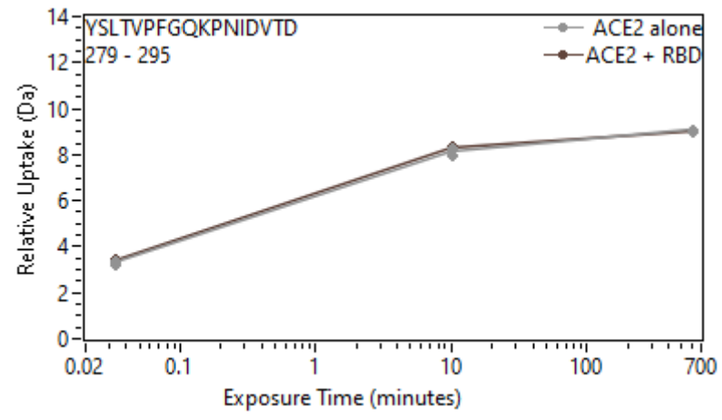

MNAYPSY
249 - 255
MNAYPSYISPIGCLPAHL
249 - 266
YPSYISPIGCLPAHL
252 - 266
YPSYISPIGCLPAHLLGDM
252 - 270
ISPIGCL
256 - 262
ISPIGCLPAHL
256 - 266
ISPIGCLPAHLLGDM
256 - 270
ISPIGCLPAHLLGDMW
256 - 271
ISPIGCLPAHLLGDMWGRF
256 - 274
SPIGCLPAHL
257 - 266
SPIGCLPAHLLGDM
257 - 270
PIGCLPAHL
258 - 266
ACE2 alone
ACE2 + RBD
Relative Uptake (Da)
Exposure Time (minutes)

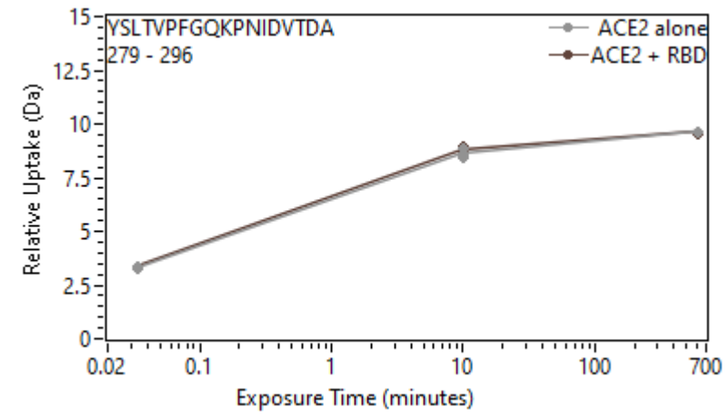

PIGCLPAHLLGDM
258 - 270
ACE2 alone
ACE2 + RBD
Relative Uptake (Da)
Exposure Time (minutes)

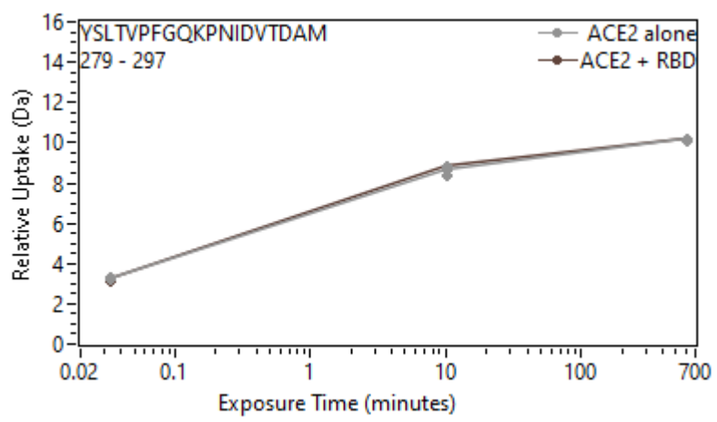

GCLPAHL
260 - 266
ACE2 alone
ACE2 + RBD
Relative Uptake (Da)
Exposure Time (minutes)

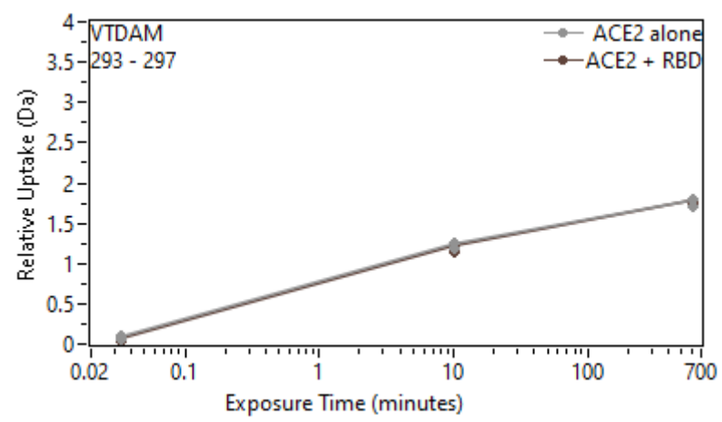

GCLPAHLLGDM
260 - 270
ACE2 alone
ACE2 + RBD
Relative Uptake (Da)
Exposure Time (minutes)

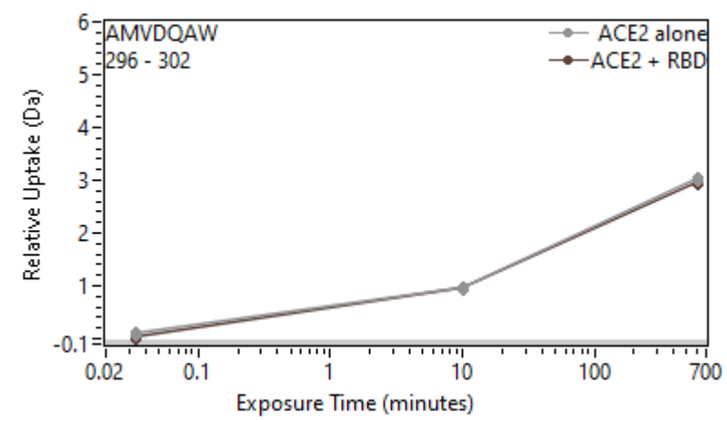

YSLTVPFGQKPNID
279 - 292
ACE2 alone
ACE2 + RBD
Relative Uptake (Da)
Exposure Time (minutes)

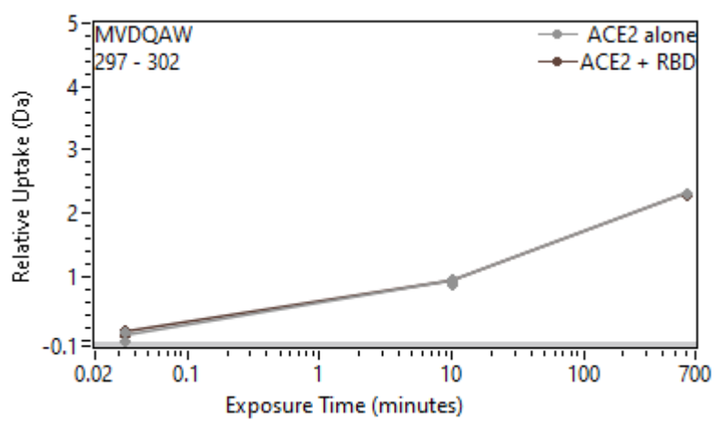

YSLTVPFGQKPNIDVTD
279 - 295
ACE2 alone
ACE2 + RBD
Relative Uptake (Da)
Exposure Time (minutes)

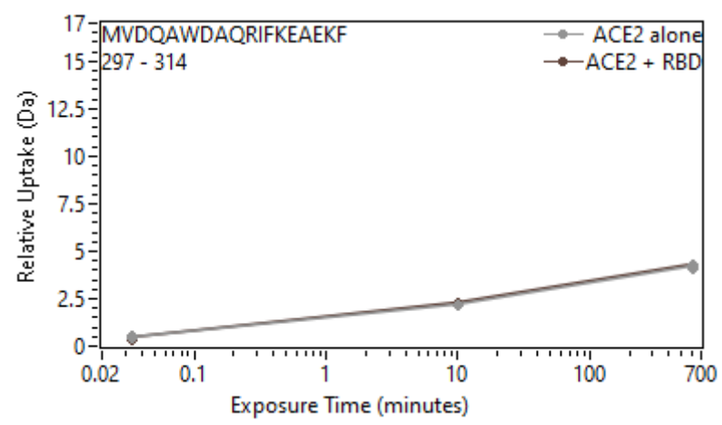

YSLTVPFGQKPNIDVTDA
279 - 296
ACE2 alone
ACE2 + RBD
Relative Uptake (Da)
Exposure Time (minutes)

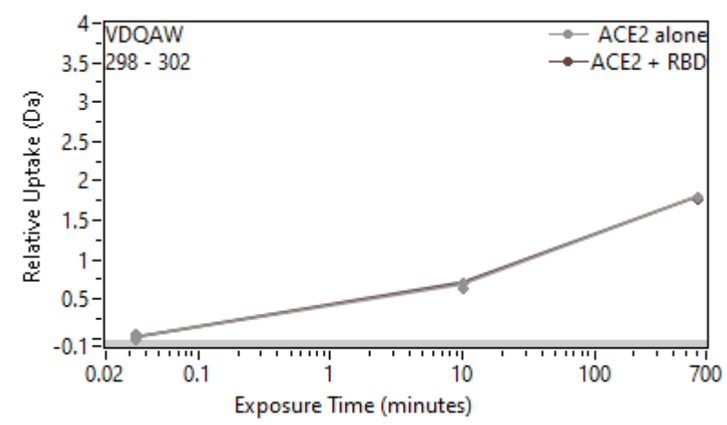

YSLTVPFGQKPNIDVTDAM
279 - 297
ACE2 alone
ACE2 + RBD
Relative Uptake (Da)
Exposure Time (minutes)

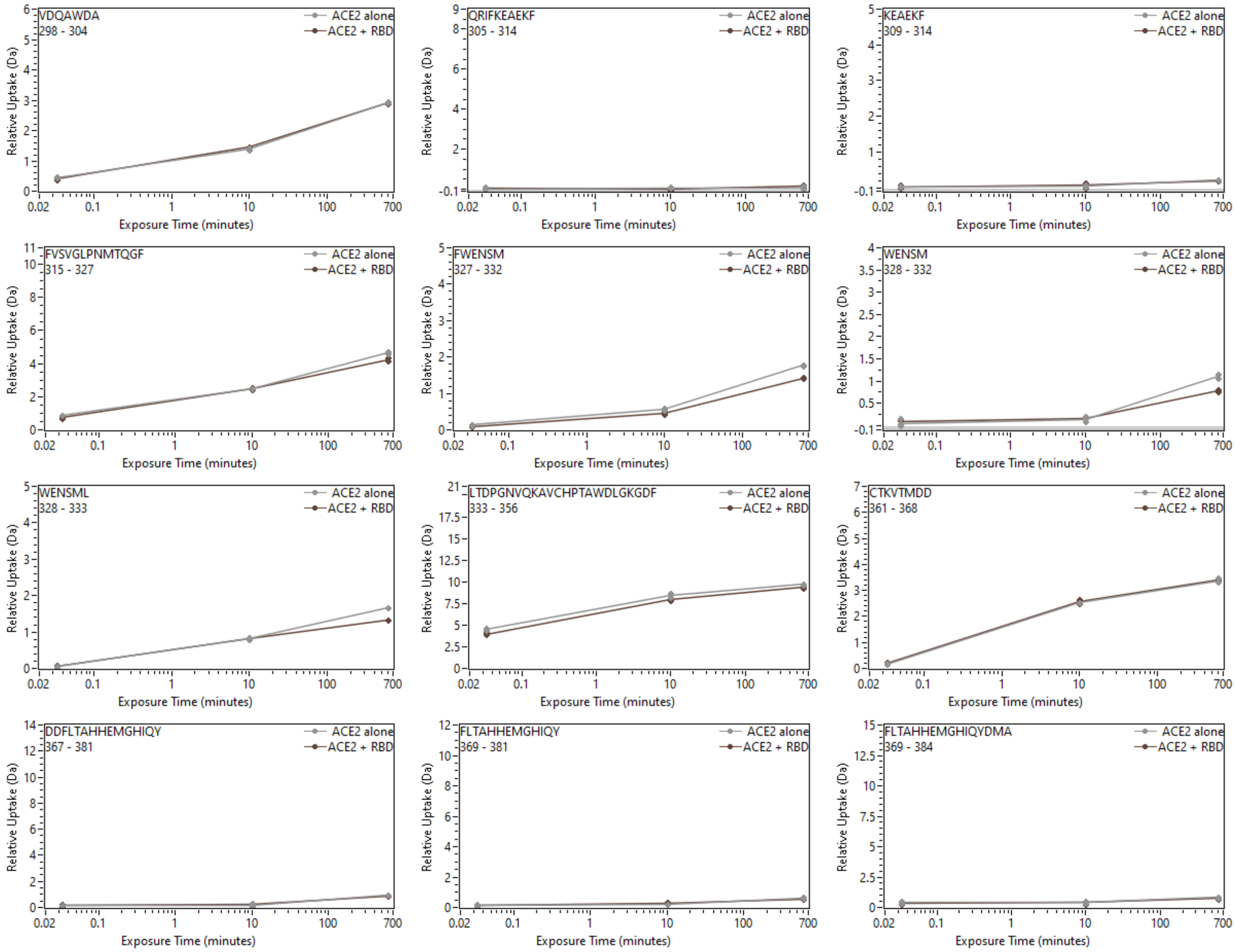

VTDAM
293 - 297
ACE2 alone
ACE2 + RBD
Relative Uptake (Da)
Exposure Time (minutes)

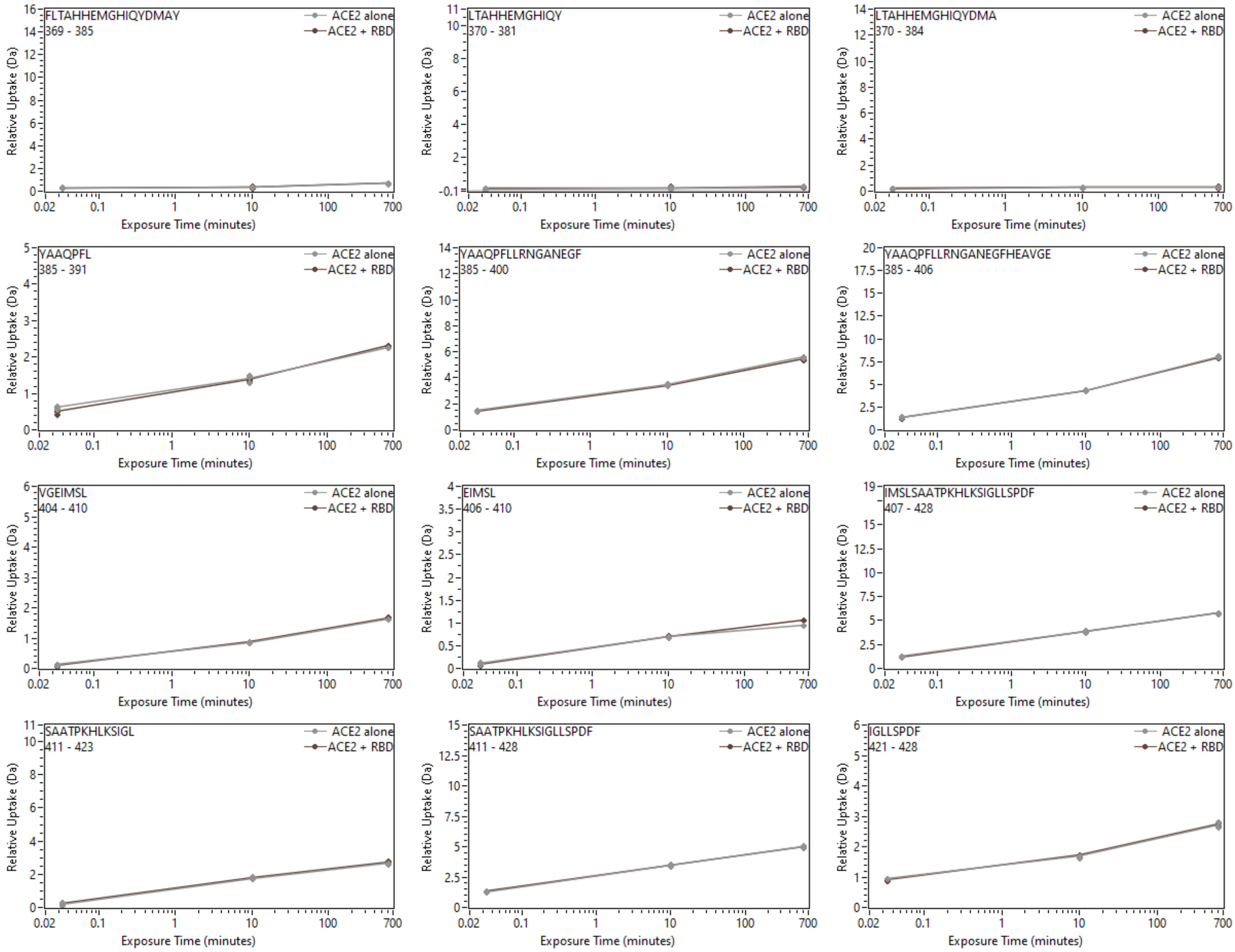

AMVDQAW
296 - 302
ACE2 alone
ACE2 + RBD
Relative Uptake (Da)
Exposure Time (minutes)

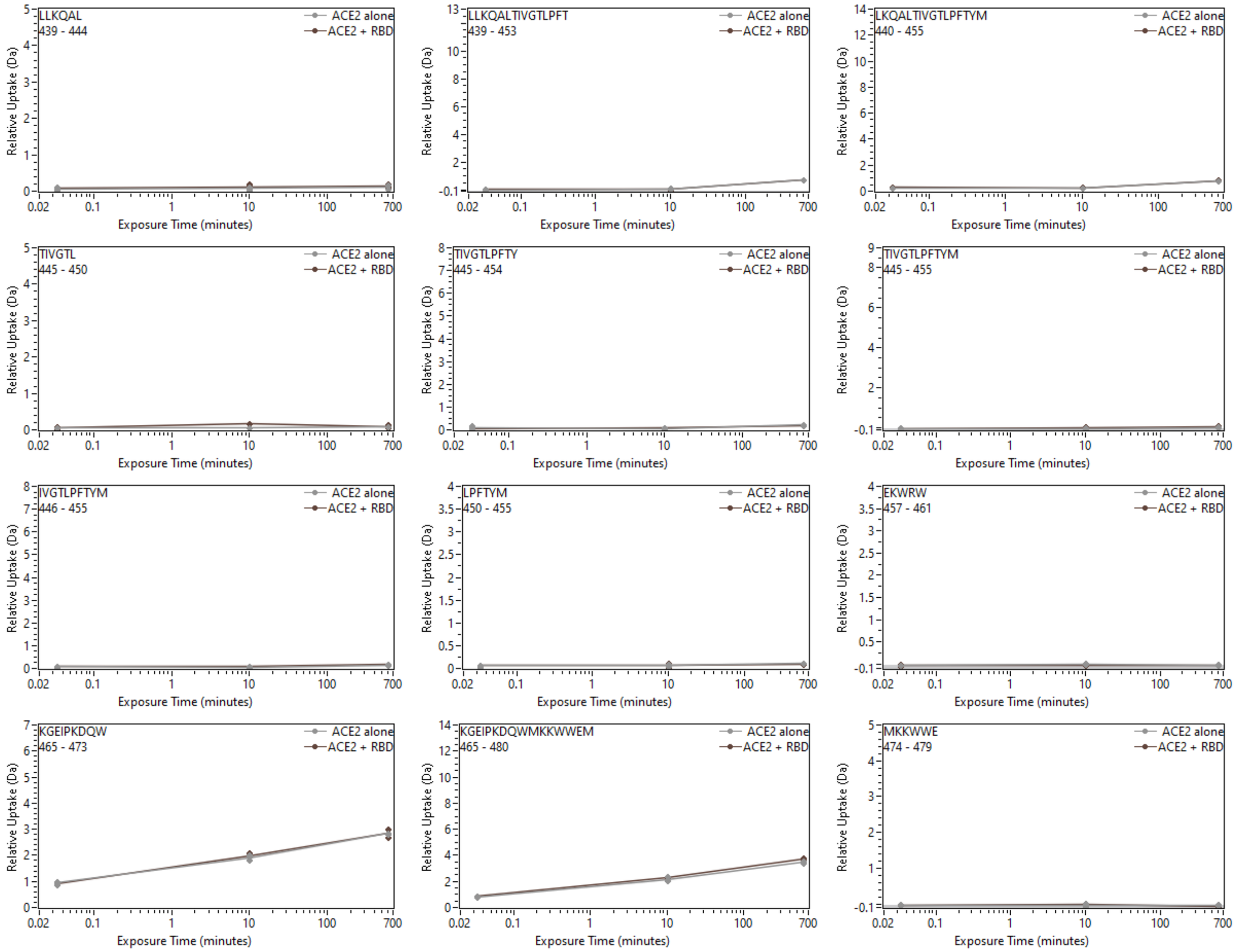

MVDQAW
297 - 302
ACE2 alone
ACE2 + RBD
Relative Uptake (Da)
Exposure Time (minutes)

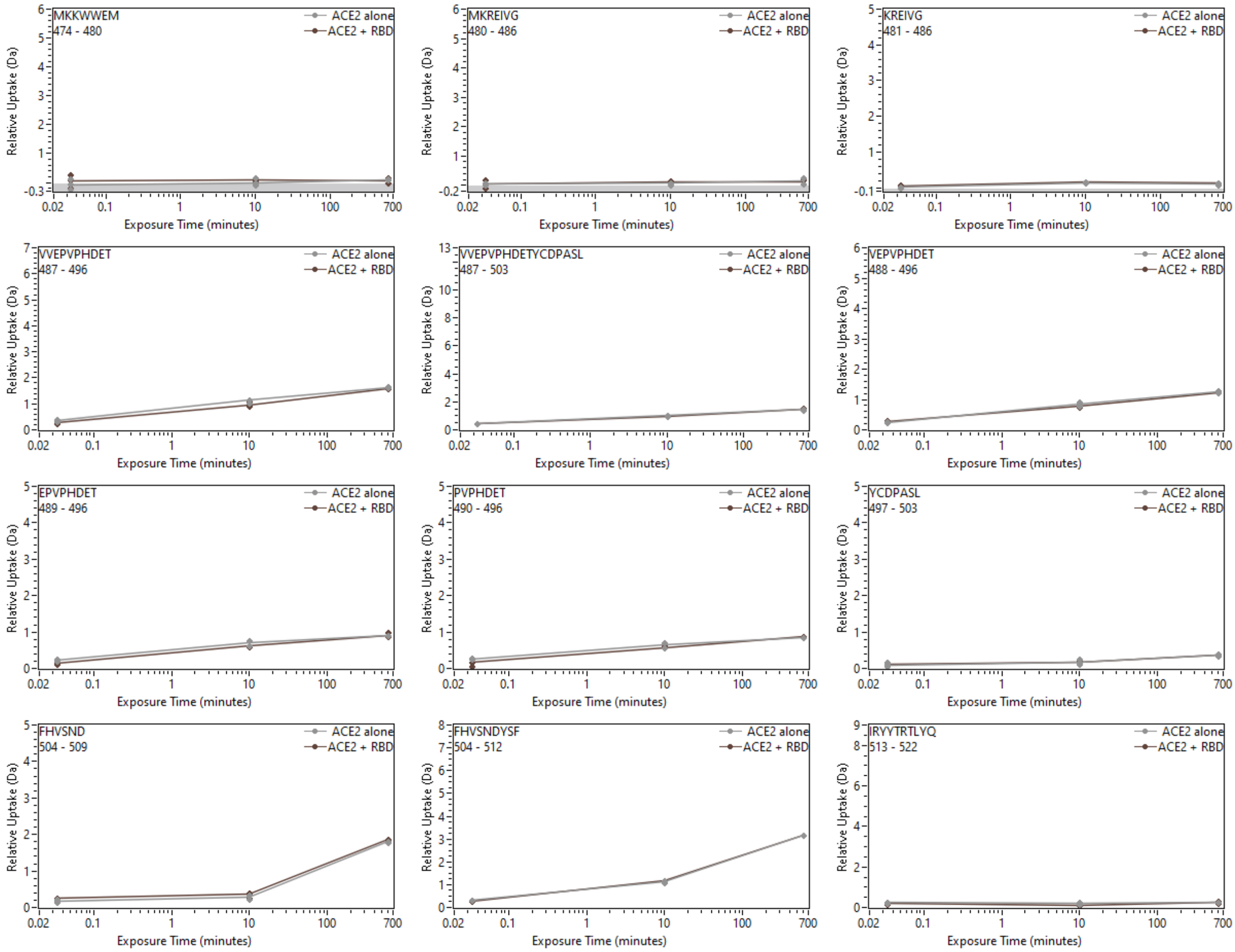

MVDQAWDAQRIFKEAEKF
297 - 314
ACE2 alone
ACE2 + RBD
Relative Uptake (Da)
Exposure Time (minutes)

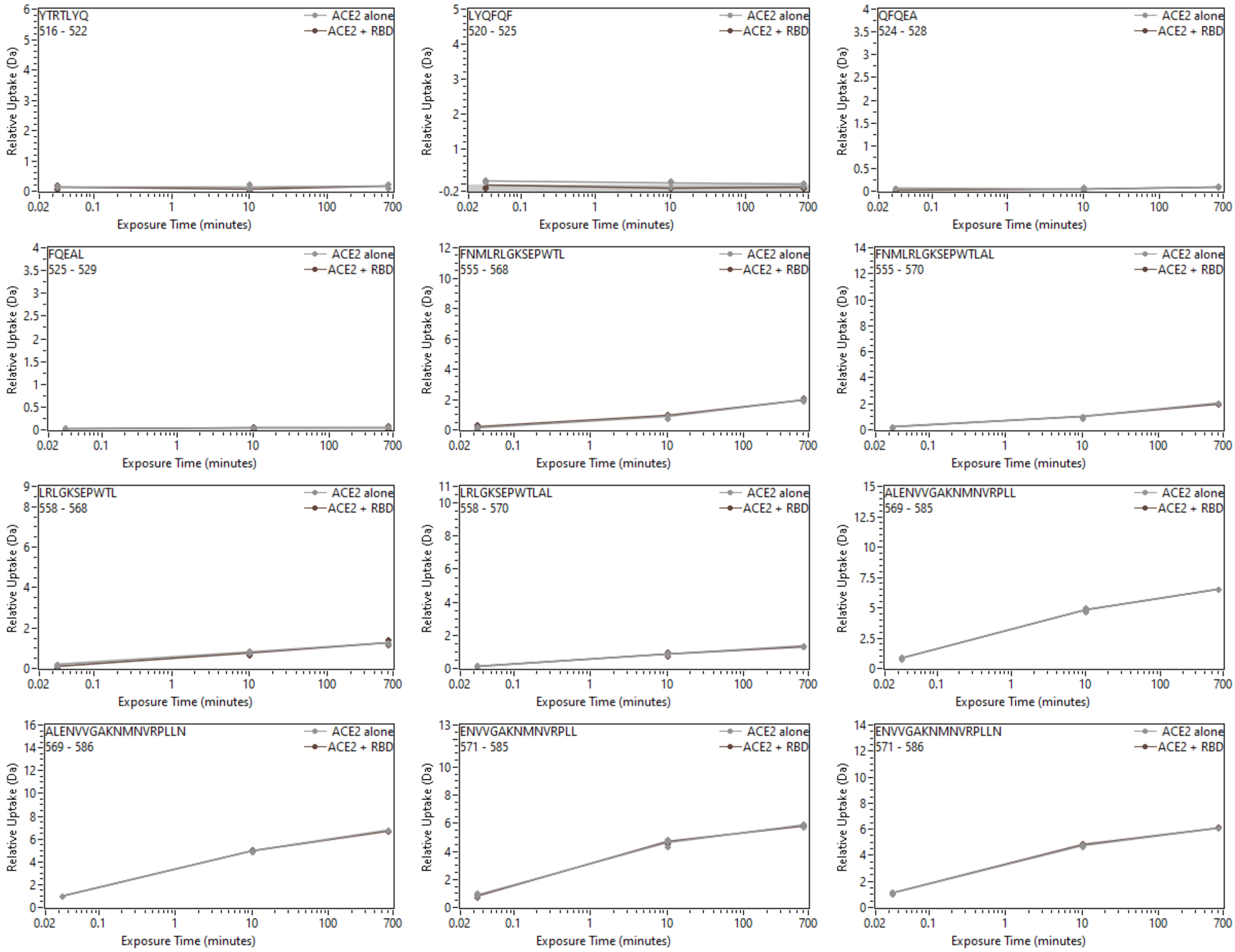

VDQAW
298 - 302
ACE2 alone
ACE2 + RBD
Relative Uptake (Da)
Exposure Time (minutes)

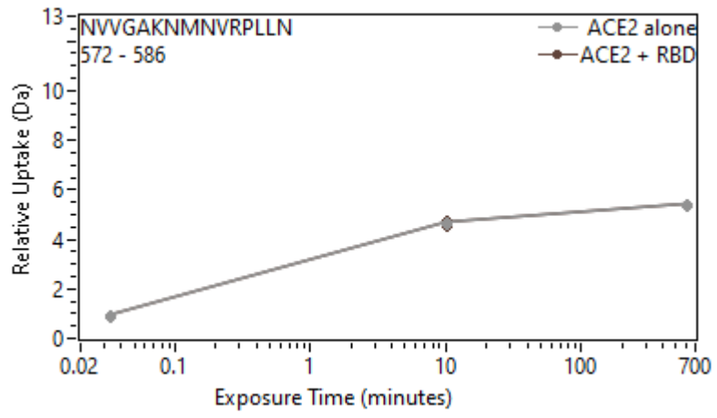

VDQAWDA
298 - 304
QRIFKEAEKF
305 - 314
KEAEKF
309 - 314
FVSVGLPNMTQGF
315 - 327
FWENSM
327 - 332
WENSM
328 - 332
WENSML
328 - 333
LTDPGNVQKAVCHPTAWDLGKGDF
333 - 356
CTKVTMDD
361 - 368
DDFLTAHHEMGHIQY
367 - 381
FLTAHHEMGHIQY
369 - 381
FLTAHHEMGHIQYDMA
369 - 384
ACE2 alone
ACE2 + RBD
Relative Uptake (Da)
Exposure Time (minutes)
0.02
0.1
1
10
100
700

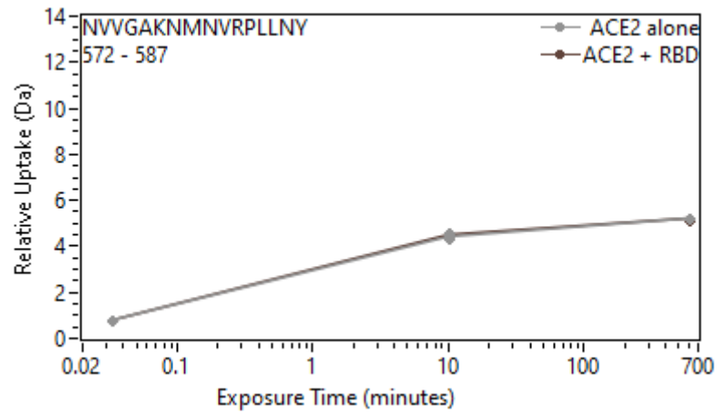

FLTAHHEMGHIQYDMAY
369 - 385
LTAHHEMGHIQY
370 - 381
LTAHHEMGHIQYDMA
370 - 384
YAAQPFL
385 - 391
YAAQPFLLRNGANEGF
385 - 400
YAAQPFLLRNGANEGFHEAVGE
385 - 406
VGEIMSL
404 - 410
EIMSL
406 - 410
IMSLSAATPKHLKSIGLLSPDF
407 - 428
SAATPKHLKSIGL
411 - 423
SAATPKHLKSIGLLSPDF
411 - 428
IGLLSPDF
421 - 428
ACE2 alone
ACE2 + RBD
Relative Uptake (Da)
Exposure Time (minutes)

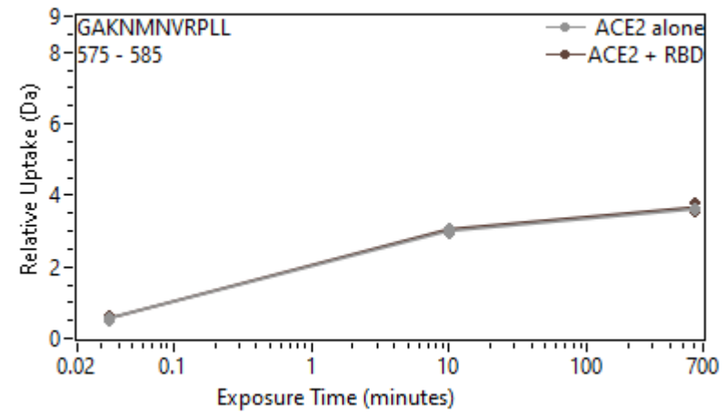

LLKQAL
439 - 444
LLKQALTIVGTLPFT
439 - 453
LKQALTIVGTLPFTYM
440 - 455
TIVGTL
445 - 450
TIVGTLPFTY
445 - 454
TIVGTLPFTYM
445 - 455
IVGTLPFTYM
446 - 455
LPFTYM
450 - 455
EKWRW
457 - 461
KGEIPKDQW
465 - 473
KGEIPKDQWMKKWWEM
465 - 480
MKKWWE
474 - 479
ACE2 alone
ACE2 + RBD
Relative Uptake (Da)
Exposure Time (minutes)

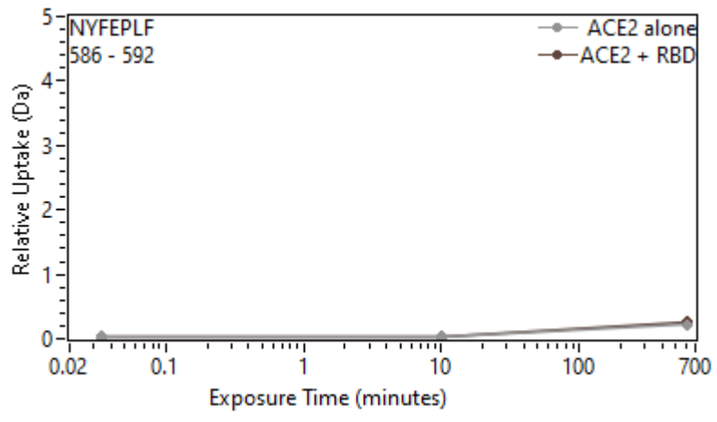

MKKWWEM
474 - 480
MKREIVG
480 - 486
KREIVG
481 - 486
VVEPVPHDET
487 - 496
VVEPVPHDETYCDPASL
487 - 503
VEPVPHDET
488 - 496
EPVPHDET
489 - 496
PVPHDET
490 - 496
YCDPASL
497 - 503
FHVSND
504 - 509
FHVSNDYSF
504 - 512
IRYYTRTLYQ
513 - 522
ACE2 alone
ACE2 + RBD
Relative Uptake (Da)
Exposure Time (minutes)

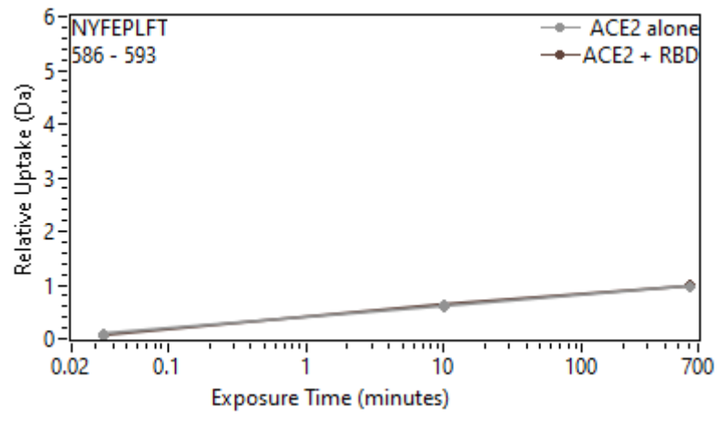

YTRTLYQ
516 - 522
LYQFQF
520 - 525
QFQEA
524 - 528
FQEAL
525 - 529
FNMLRLGKSEPWTL
555 - 568
FNMLRLGKSEPWTLAL
555 - 570
LRLGKSEPWTL
558 - 568
LRLGKSEPWTLAL
558 - 570
ALENVVGAKNMNVRPLL
569 - 585
ALENVVGAKNMNVRPLLN
569 - 586
ENVVGAKNMNVRPLL
571 - 585
ENVVGAKNMNVRPLLN
571 - 586
ACE2 alone
ACE2 + RBD
Relative Uptake (Da)
Exposure Time (minutes)
0.02
0.1
1
10
100
700

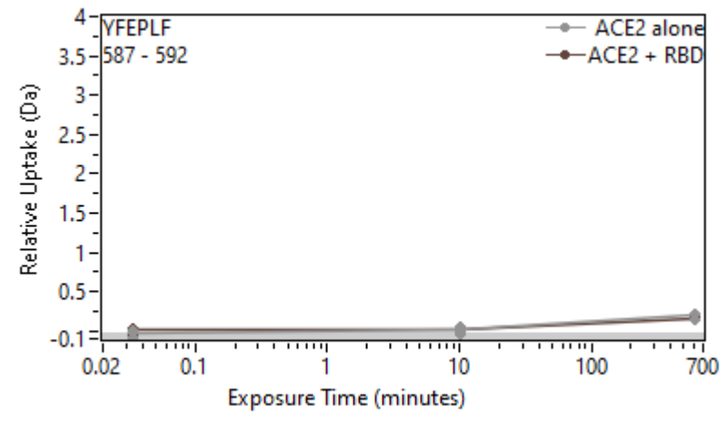

NVVGAKNMNVRPLLN
572 - 586
ACE2 alone
ACE2 + RBD
Relative Uptake (Da)
Exposure Time (minutes)

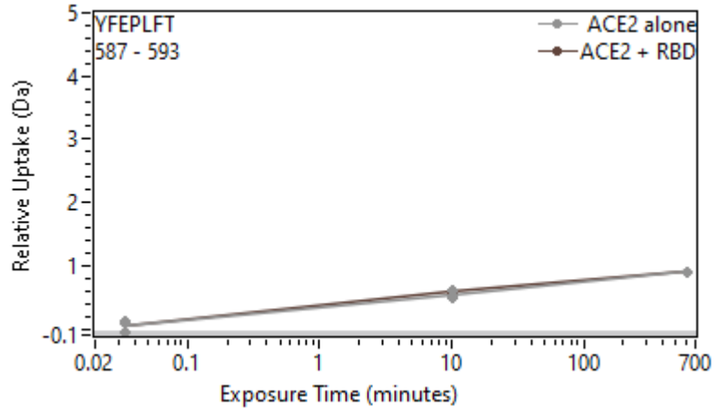

NVVGAKNMNVRPLLNY
572 - 587
ACE2 alone
ACE2 + RBD
Relative Uptake (Da)
Exposure Time (minutes)

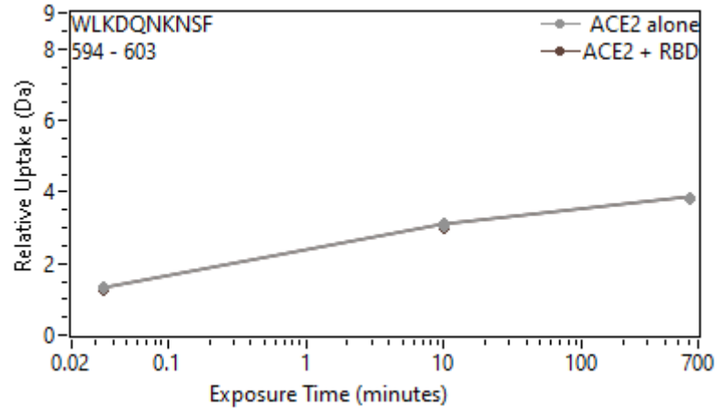

GAKNMNVRPLL
575 - 585
ACE2 alone
ACE2 + RBD
Relative Uptake (Da)
Exposure Time (minutes)

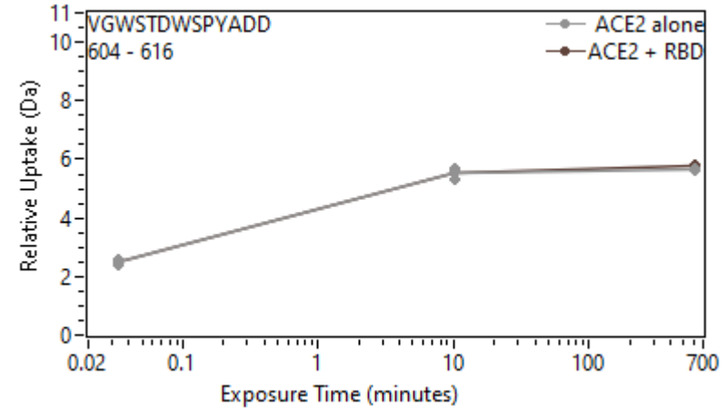

NYFEPLF
586 - 592
ACE2 alone
ACE2 + RBD
Relative Uptake (Da)
Exposure Time (minutes)

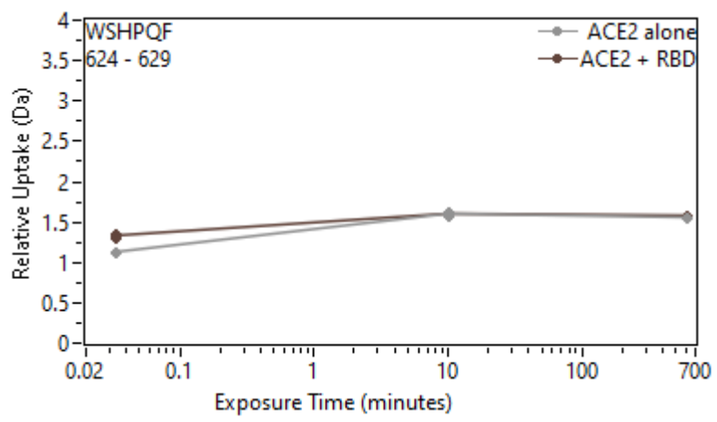

NYFEPLFT
586 - 593
ACE2 alone
ACE2 + RBD
Relative Uptake (Da)
Exposure Time (minutes)


YFEPLF
587 - 592
ACE2 alone
ACE2 + RBD
Relative Uptake (Da)
Exposure Time (minutes)


YFEPLFT
587 - 593
ACE2 alone
ACE2 + RBD
Relative Uptake (Da)
Exposure Time (minutes)


WLKDQNKNSF
594 - 603
ACE2 alone
ACE2 + RBD
Relative Uptake (Da)
Exposure Time (minutes)


VGWSTDWSPYADD
604 - 616
ACE2 alone
ACE2 + RBD
Relative Uptake (Da)
Exposure Time (minutes)


WSHPQF
624 - 629
ACE2 alone
ACE2 + RBD
Relative Uptake (Da)
Exposure Time (minutes)