

fosfo-STAT5
(MFI)

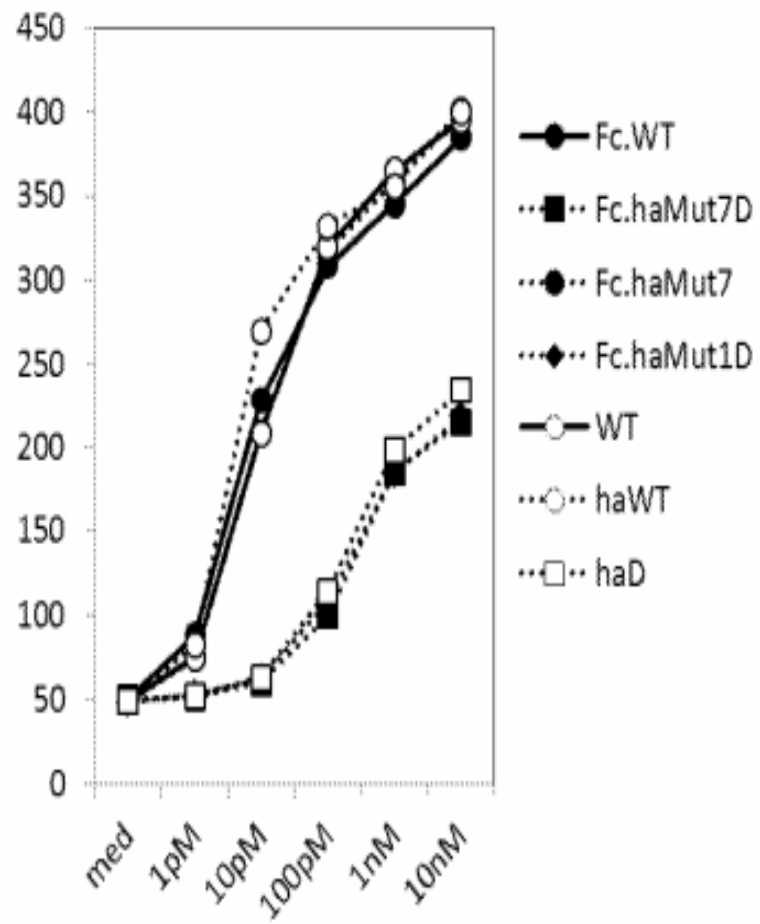


FIGURA 1

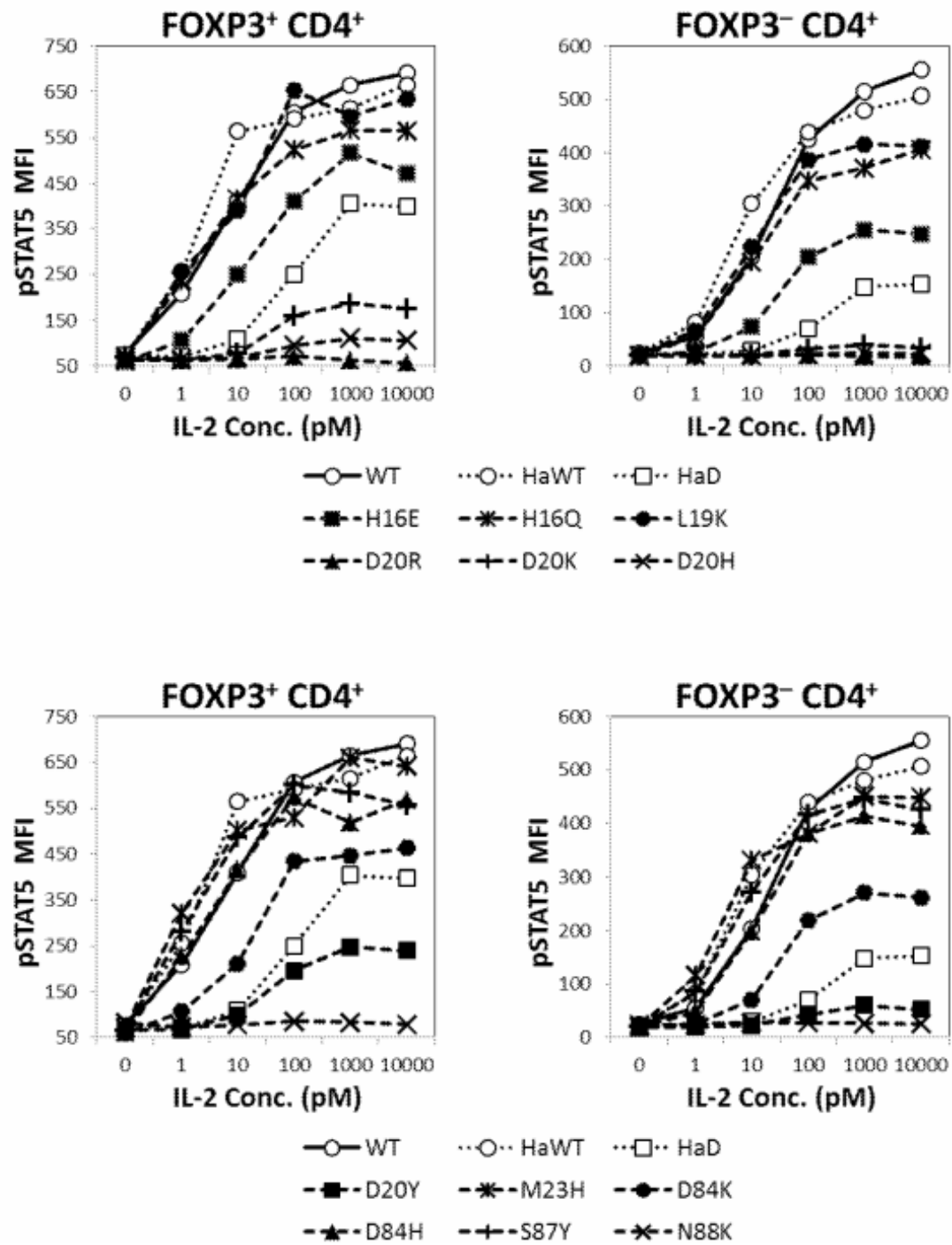


FIGURA 2A

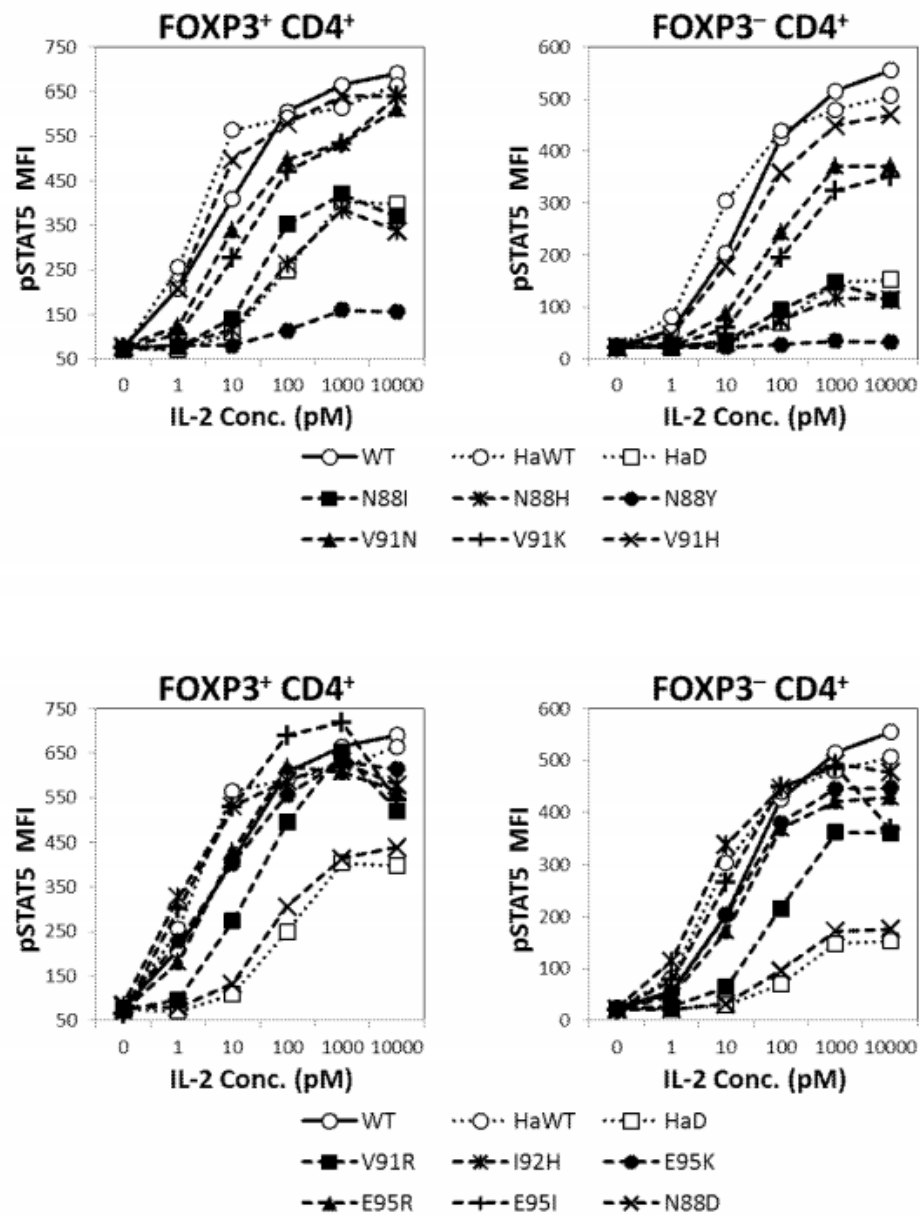


FIGURA 2B

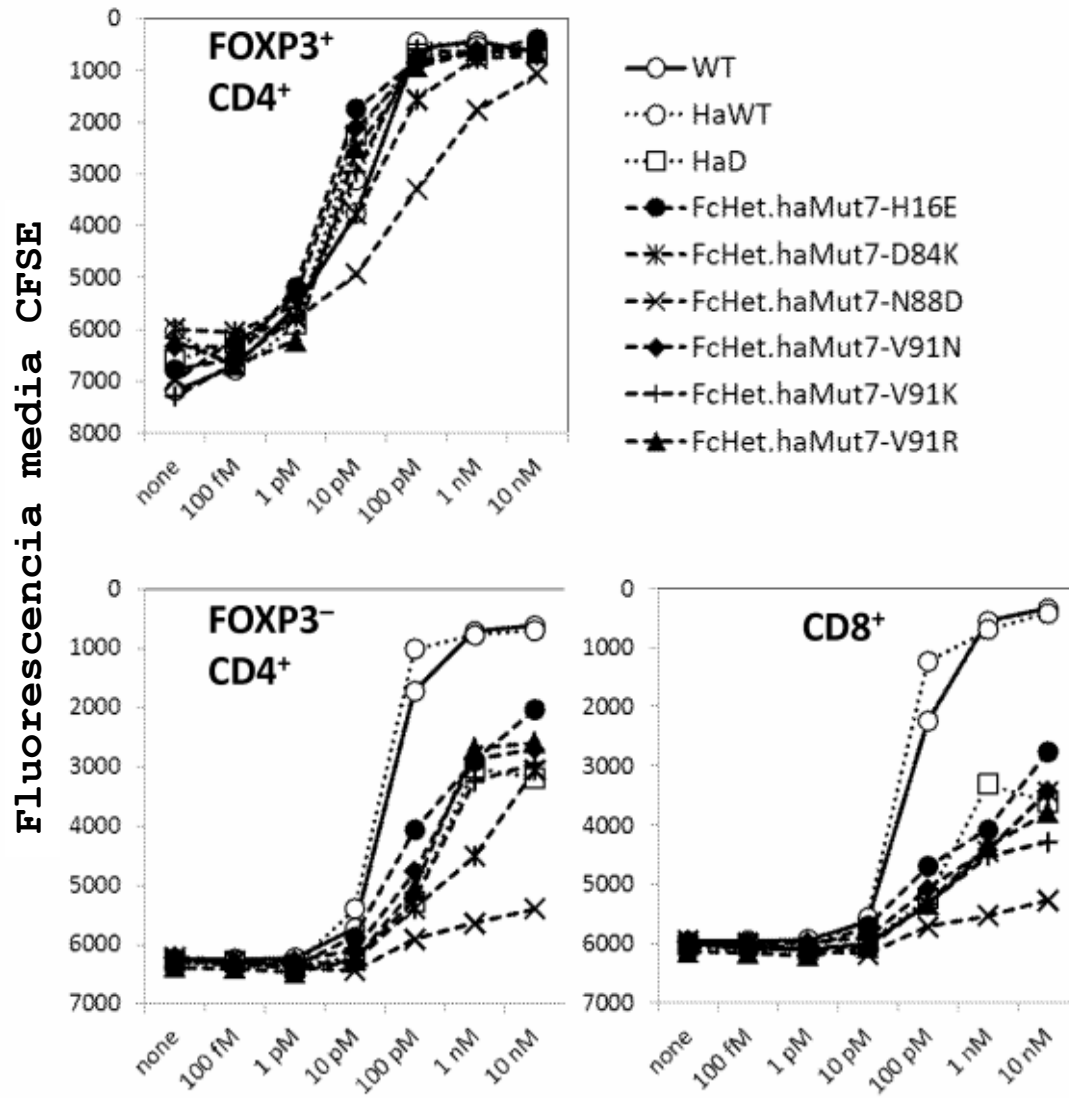
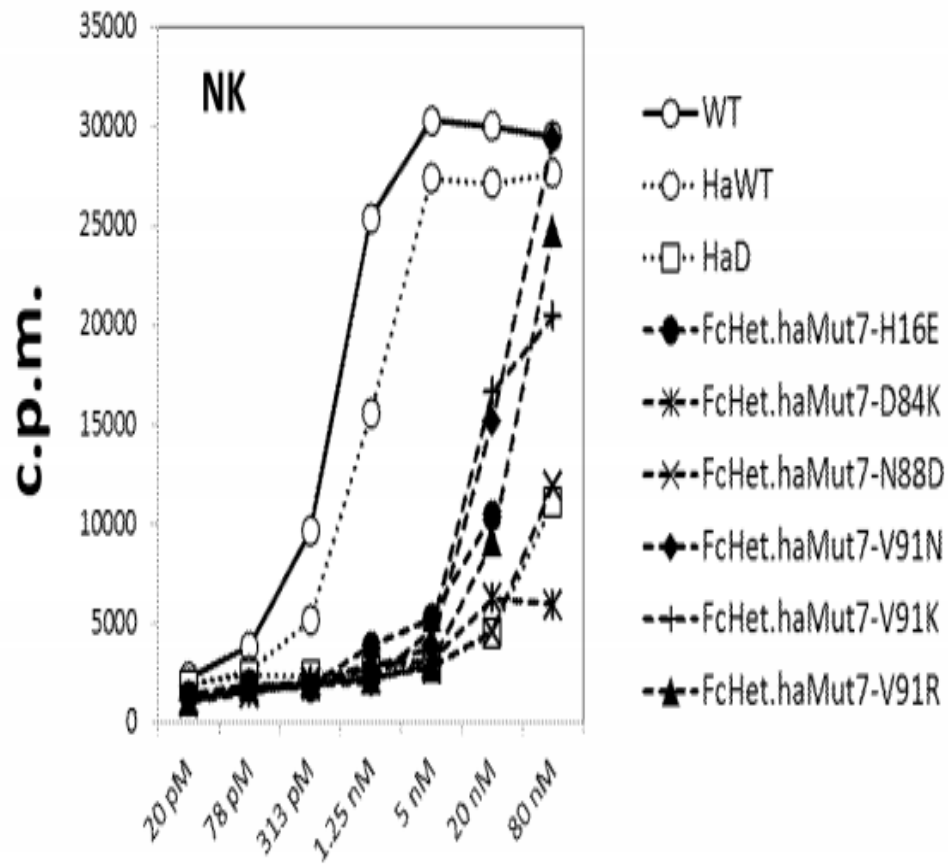


FIGURA 3

**FIGURA 4**

Fluorescencia media CFSE

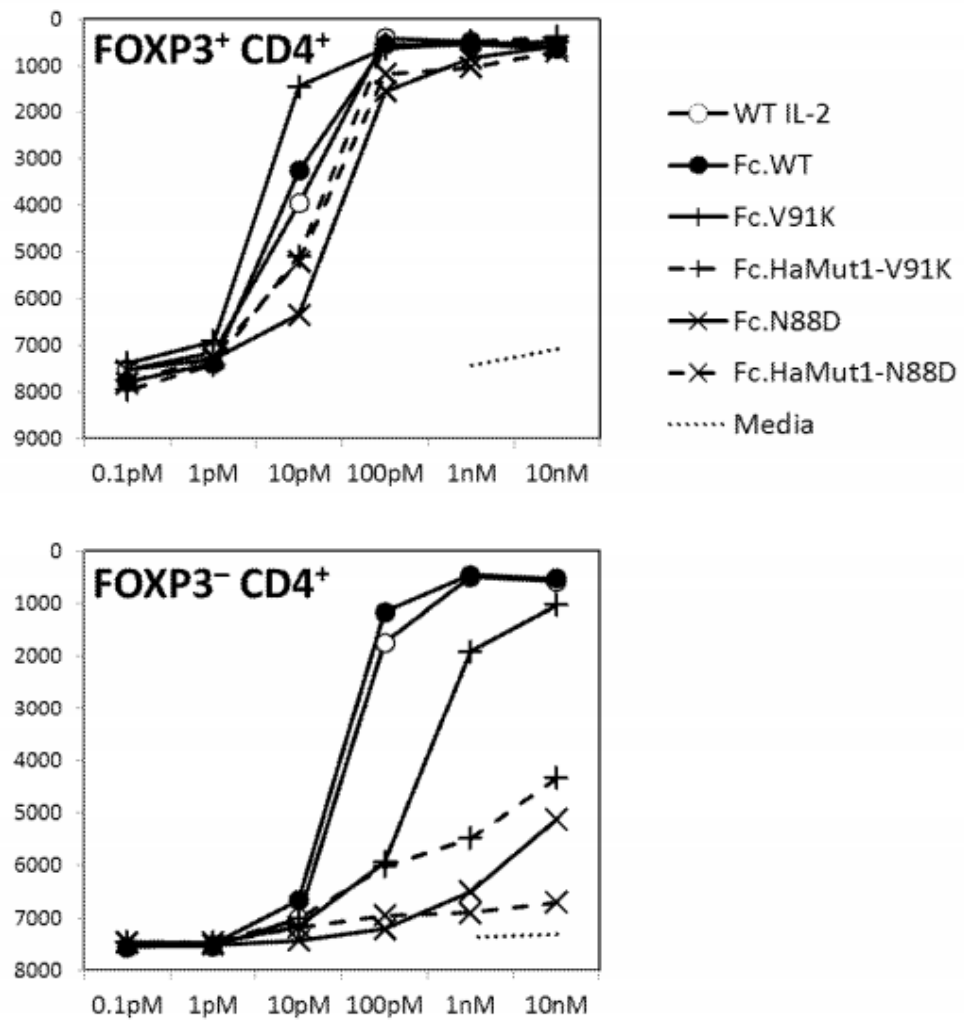
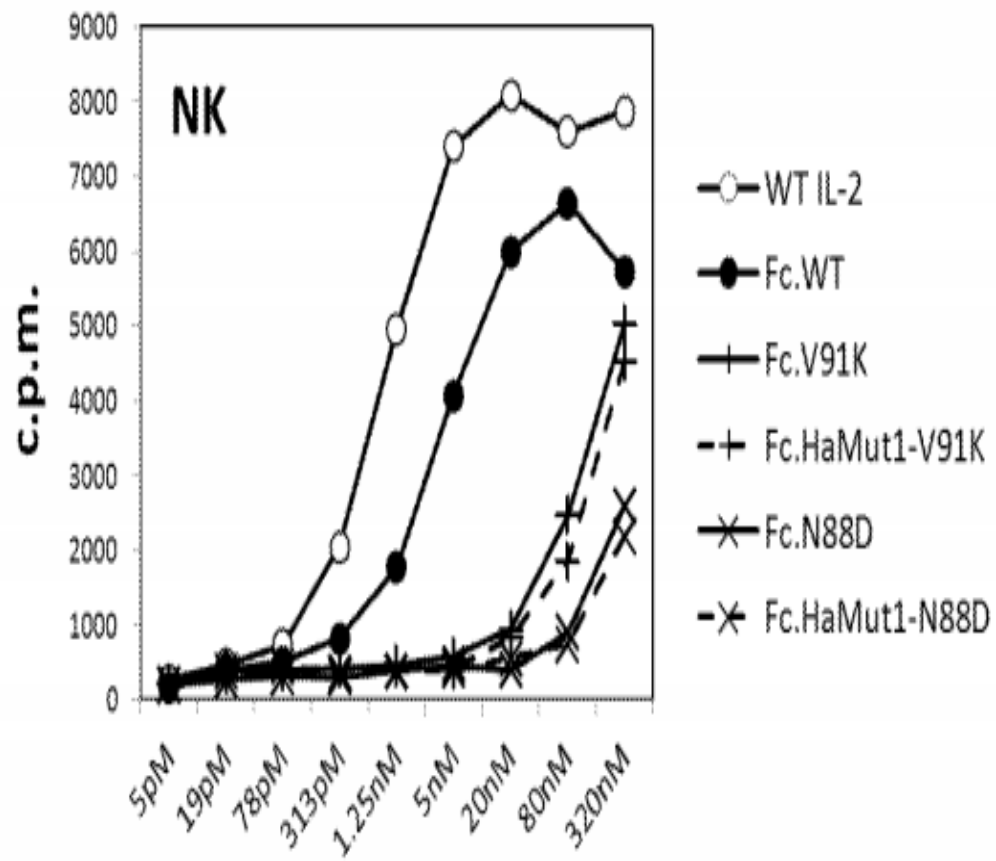


FIGURA 5

**FIGURA 6**

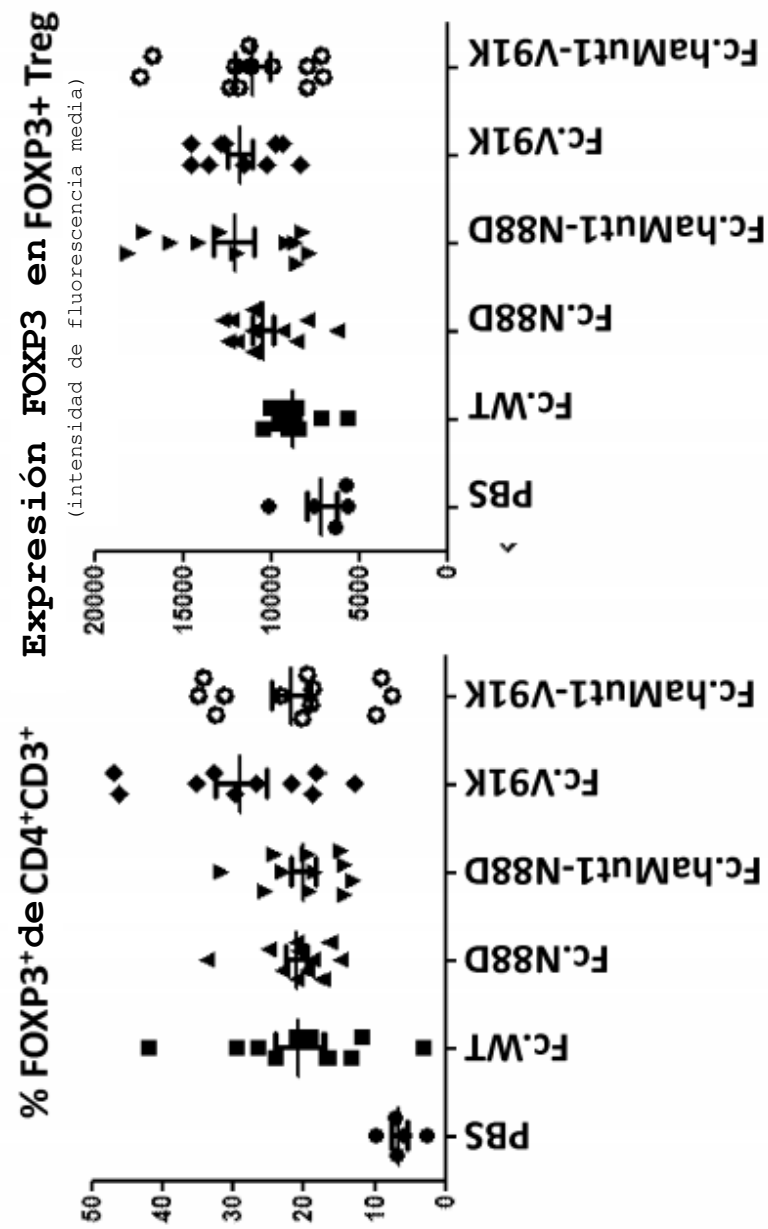


FIGURA 7A

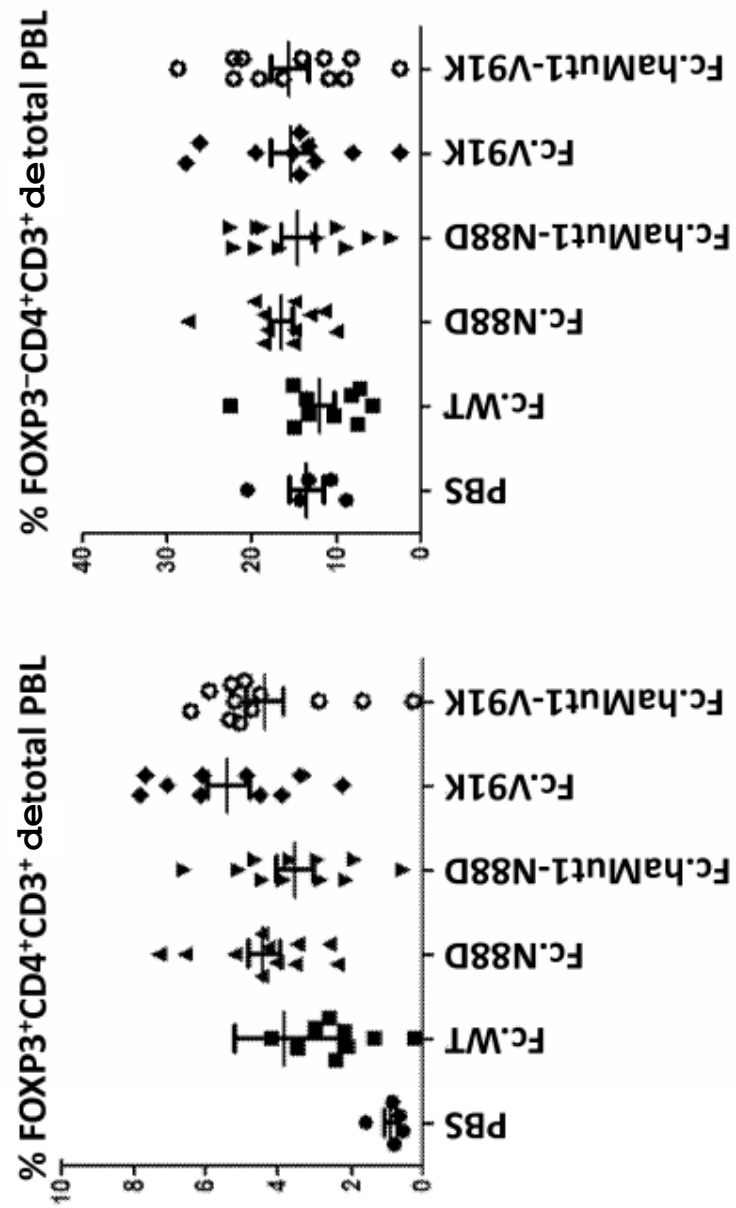


FIGURA 7B

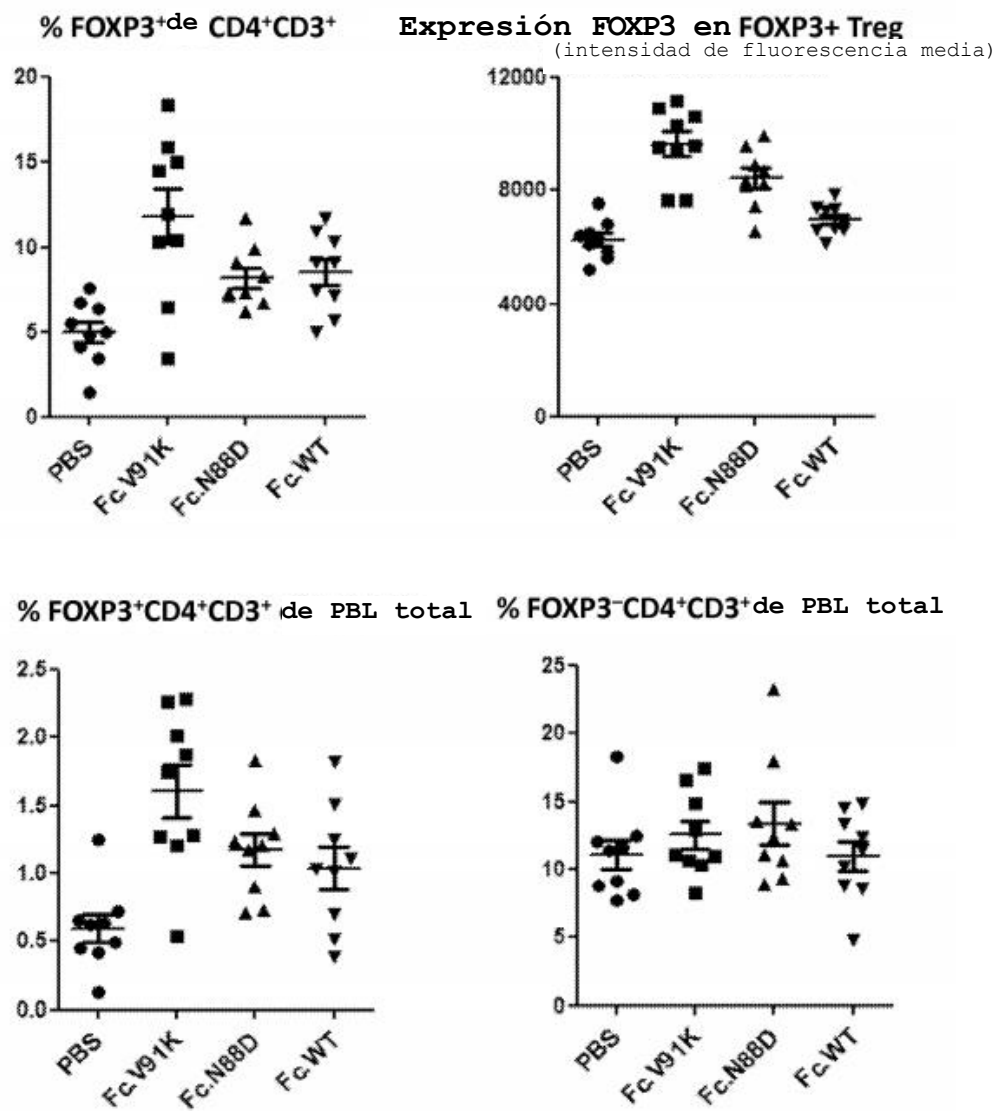


FIGURA 8

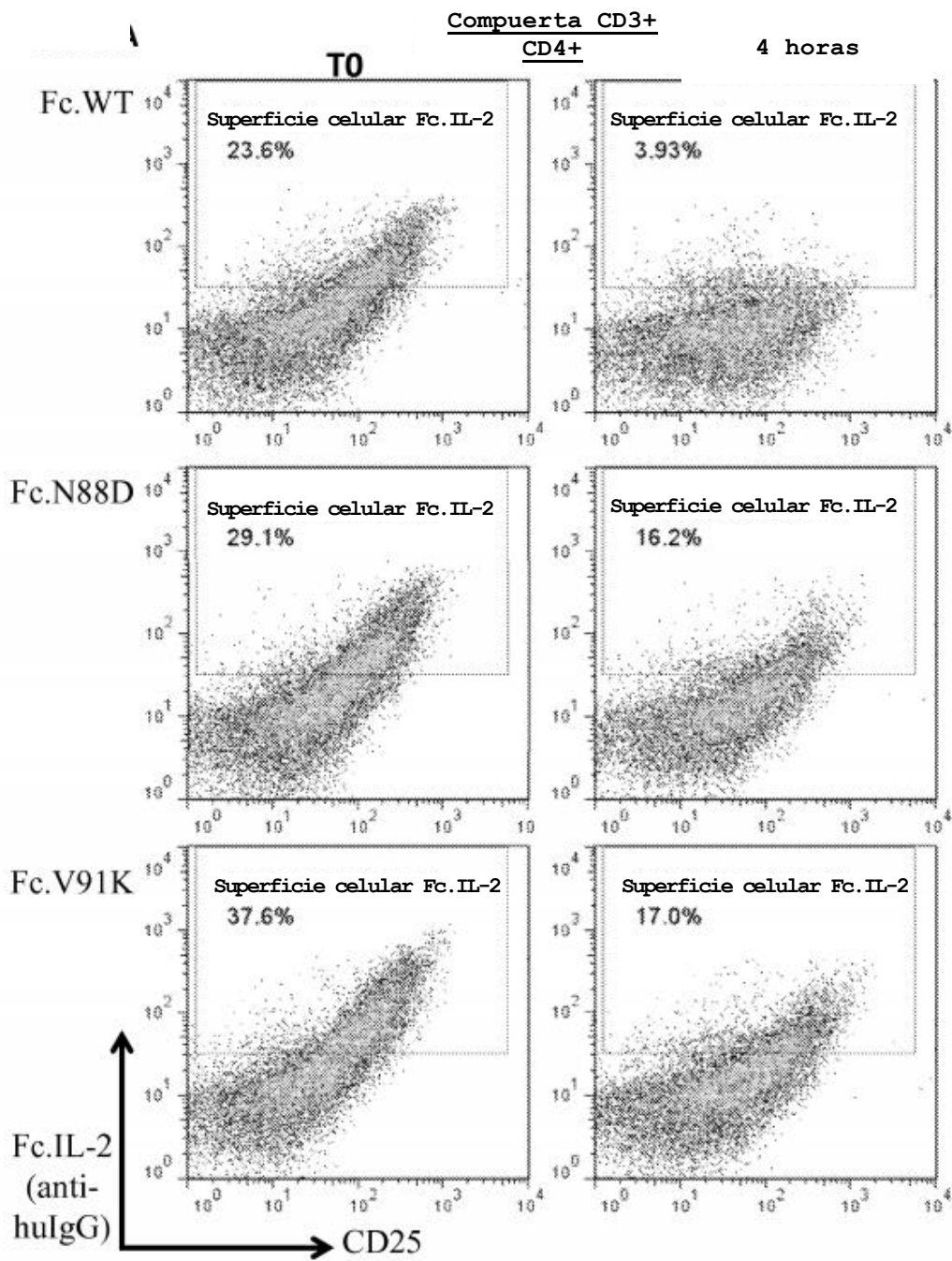
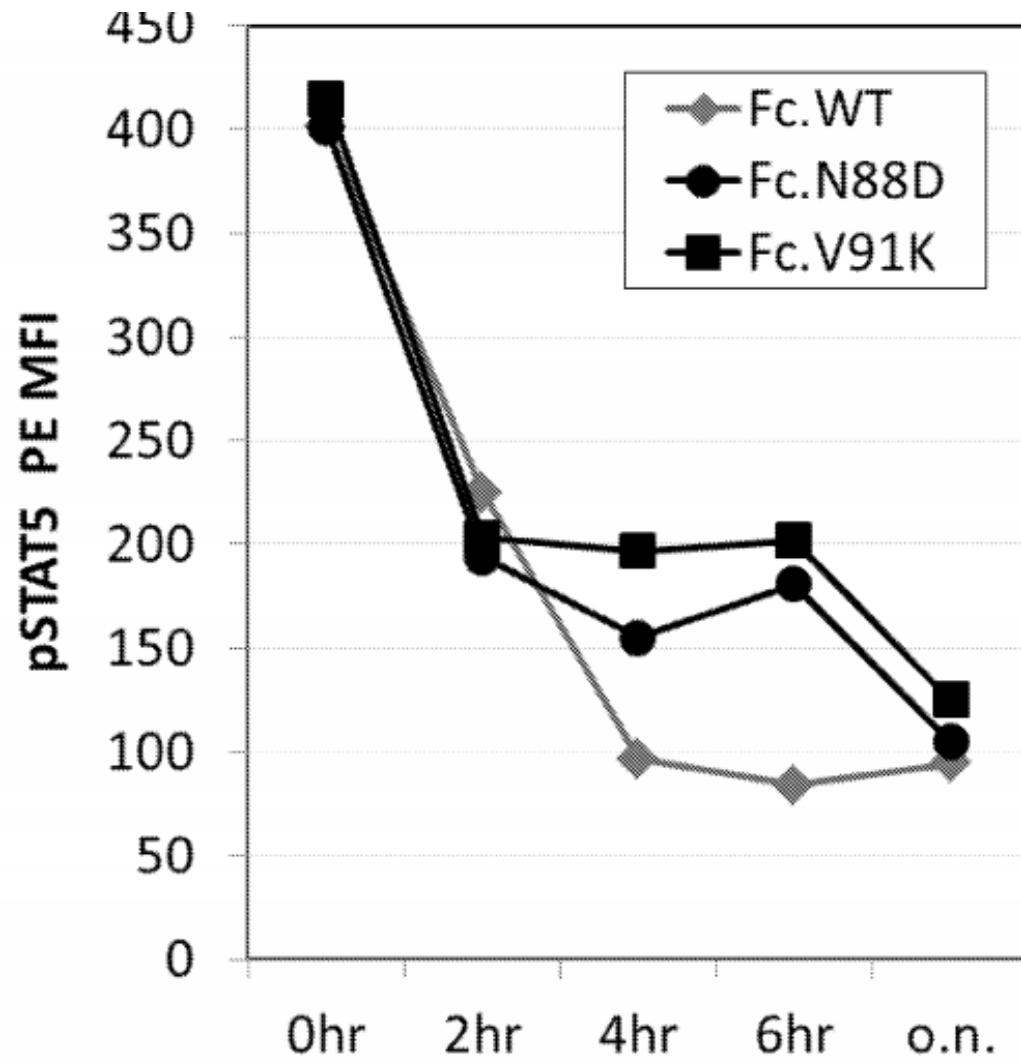


FIGURA 9A

**FIGURA 9B**

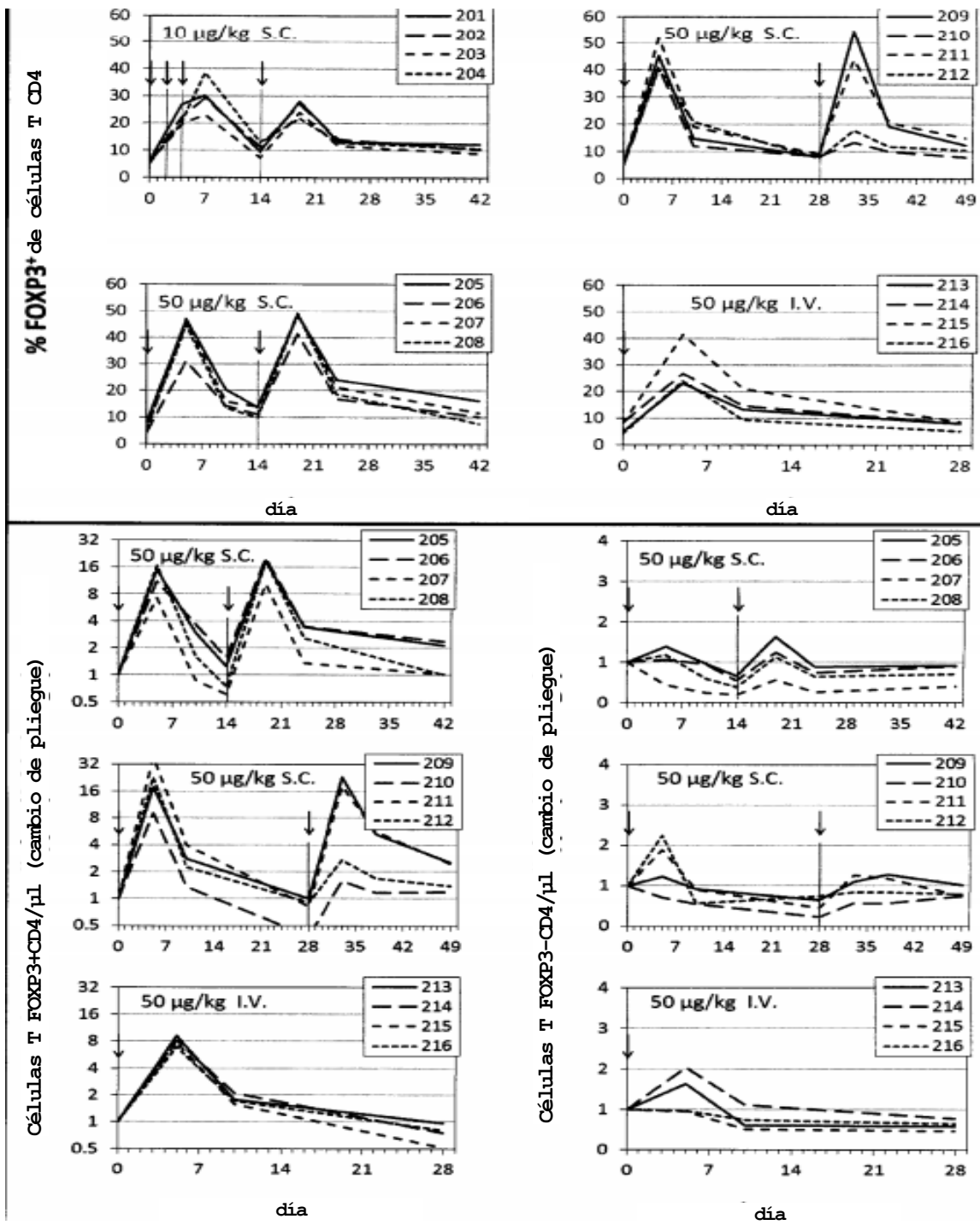
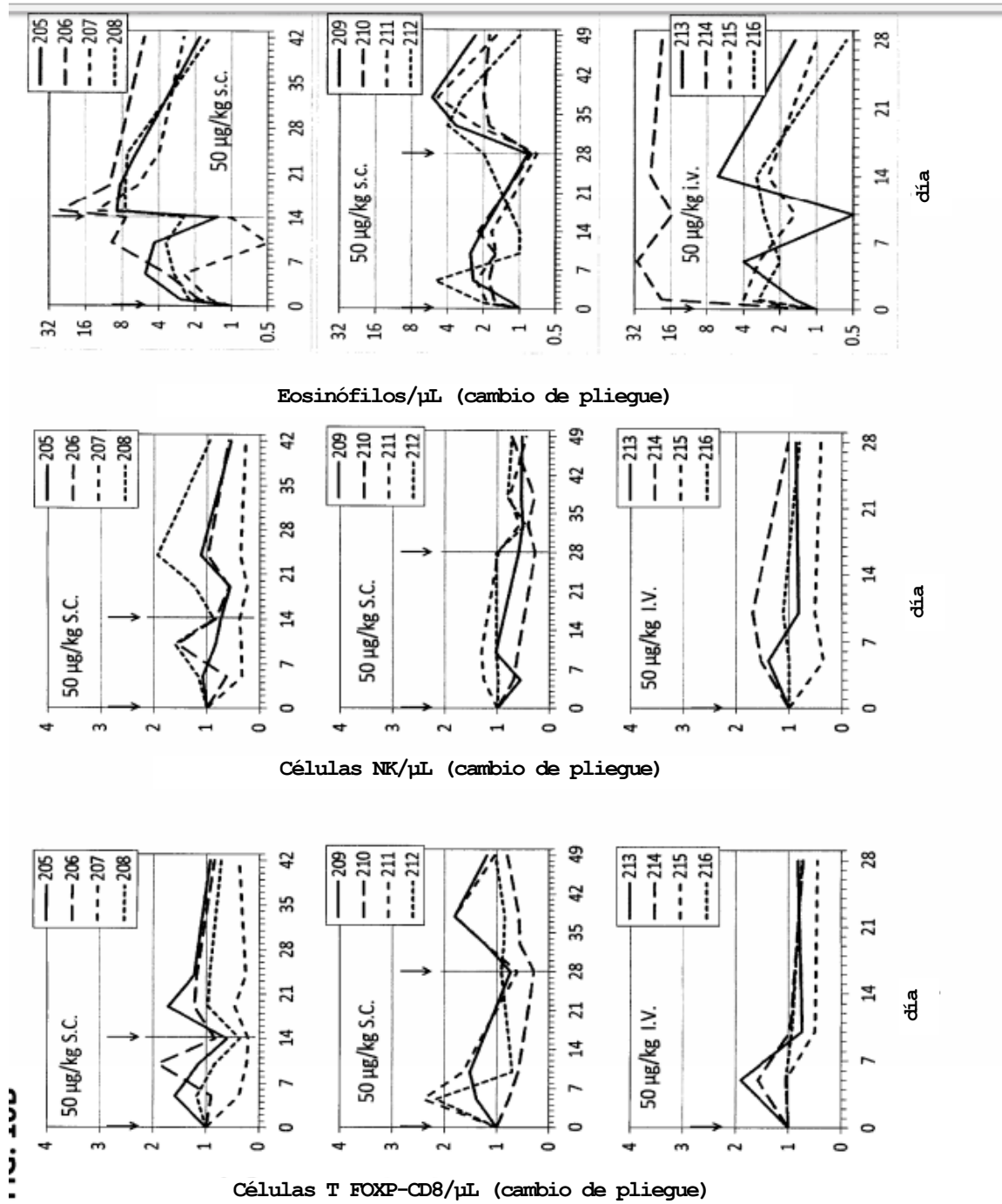


FIGURA 10A



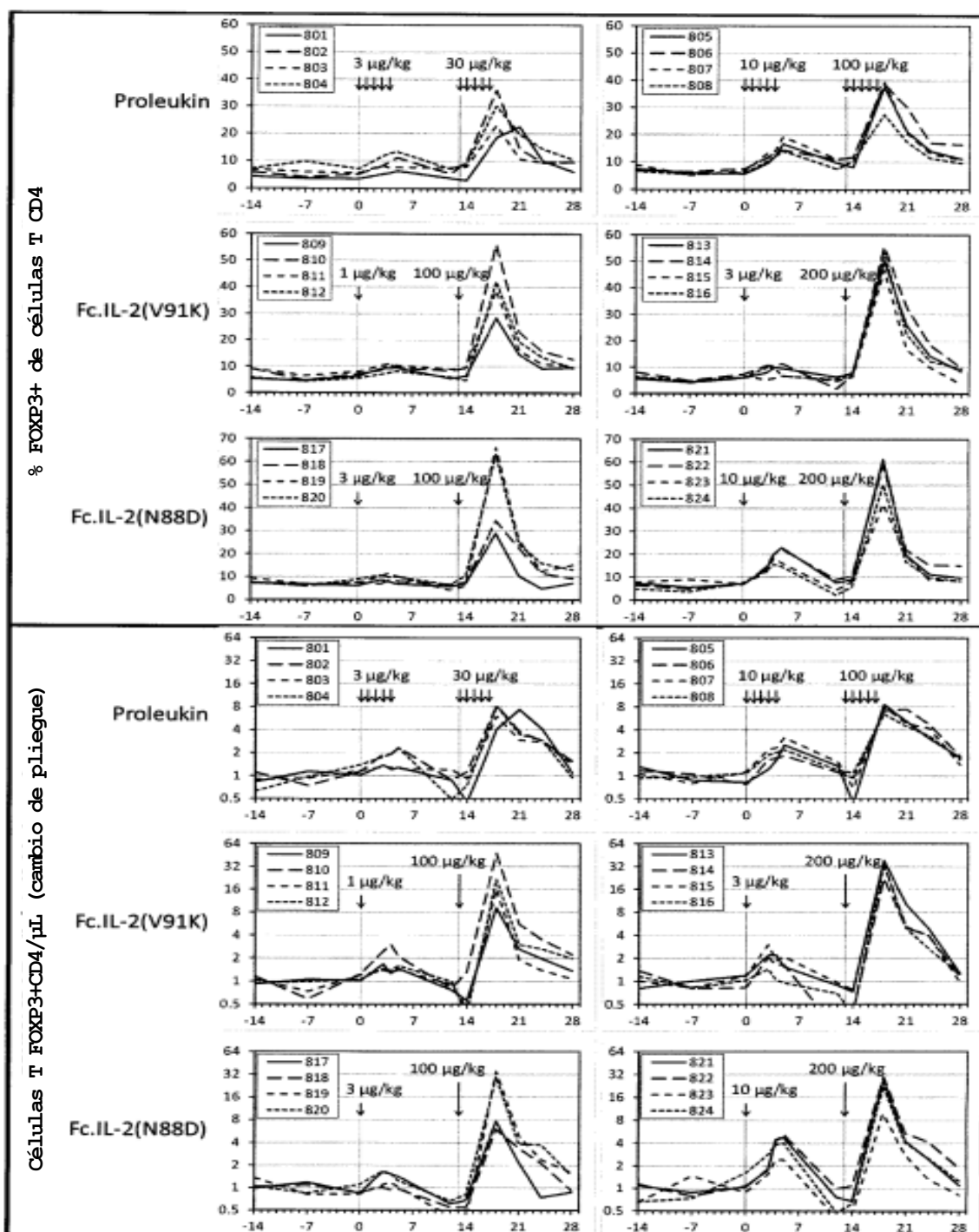


FIGURA 11A

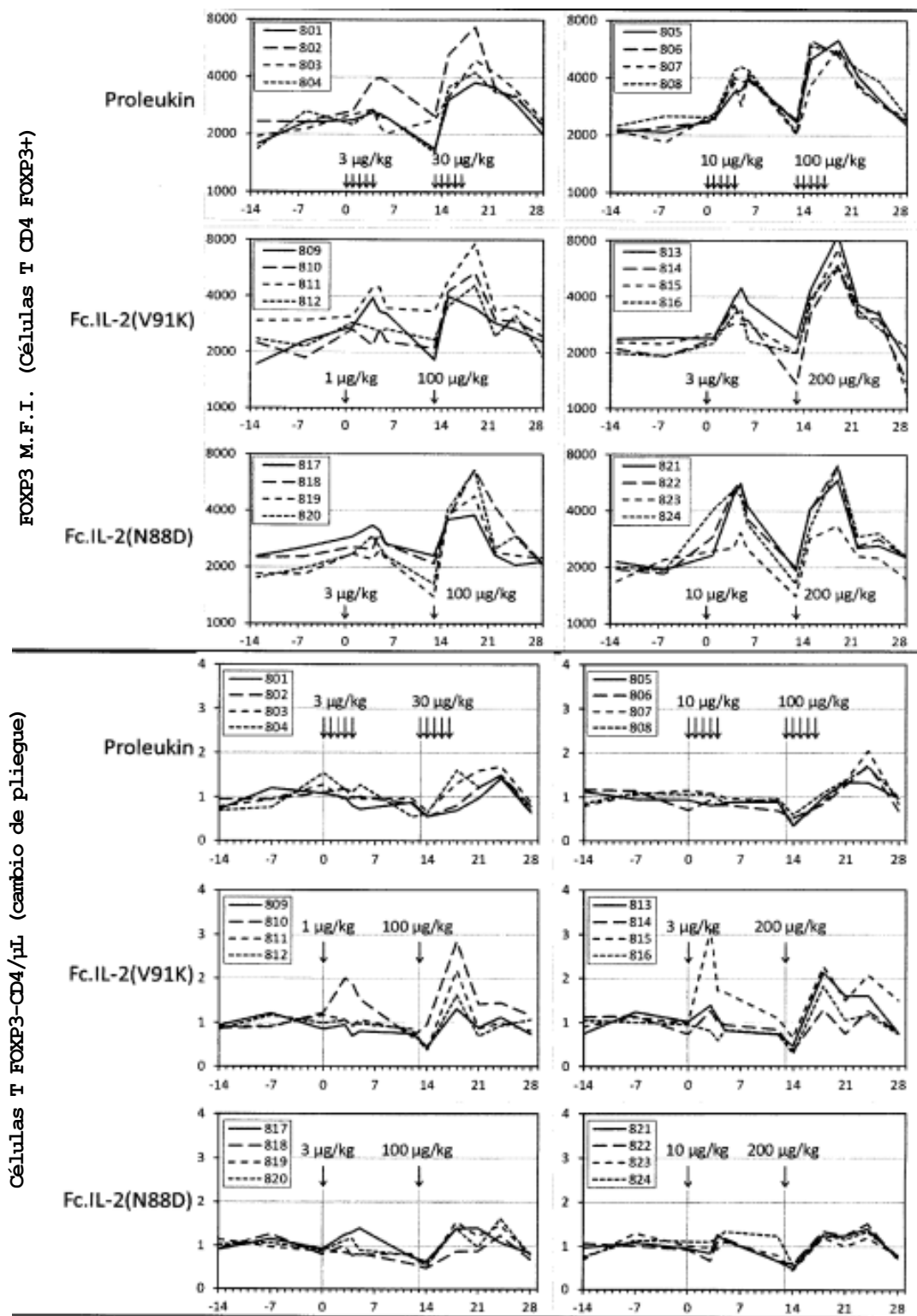


FIGURA 11B

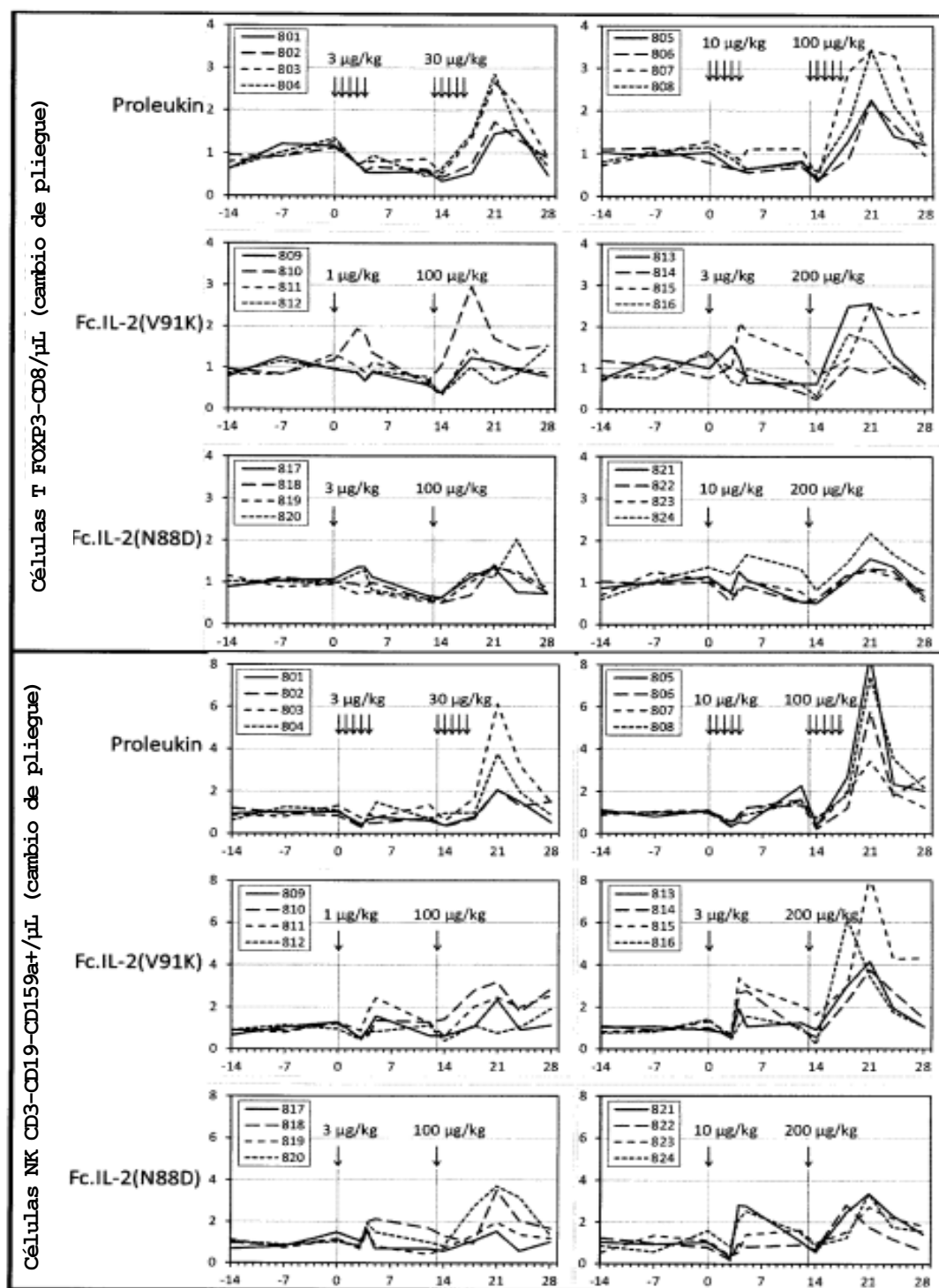


FIGURA 11C

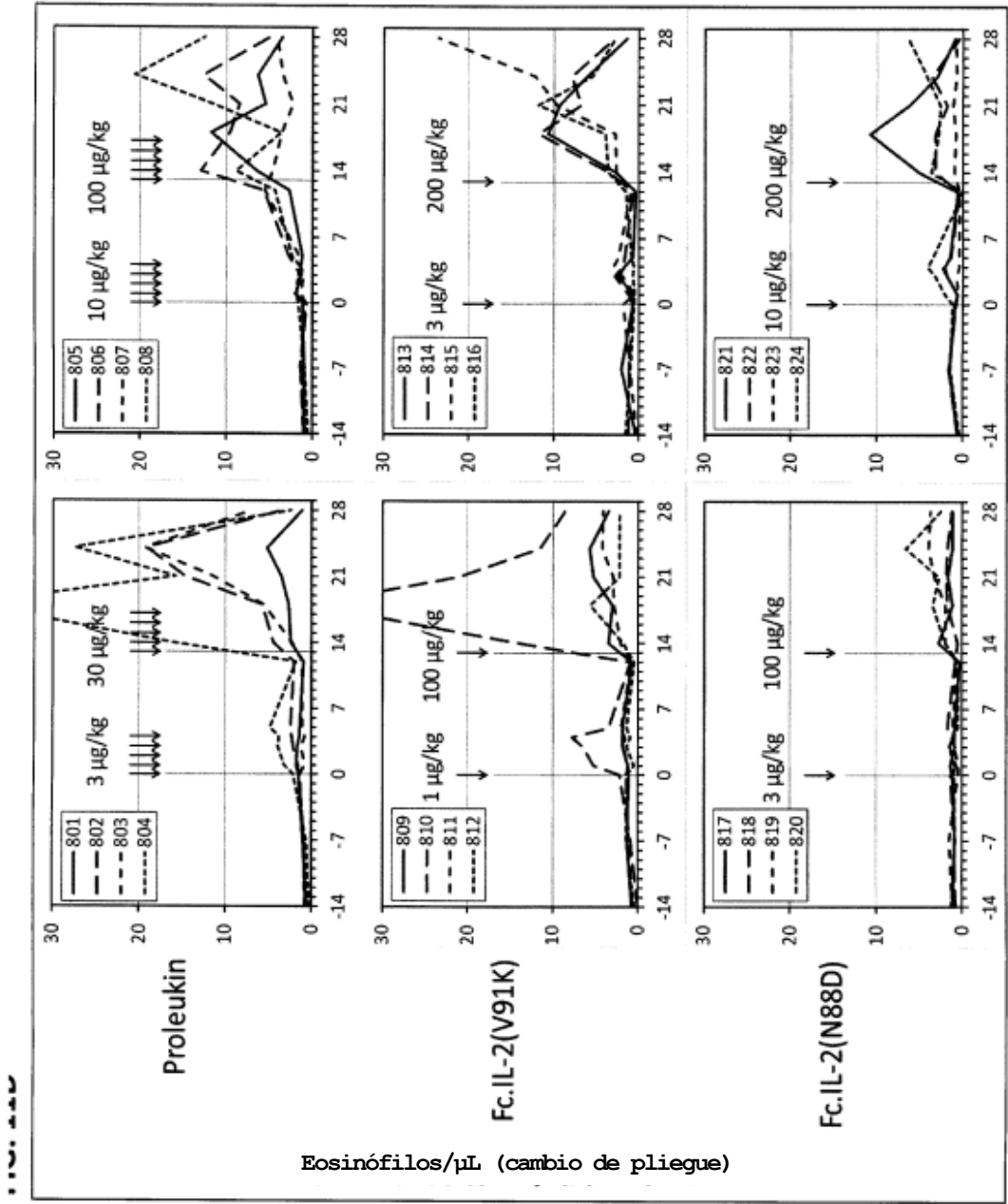


FIGURA 11D

FIGURA 11E

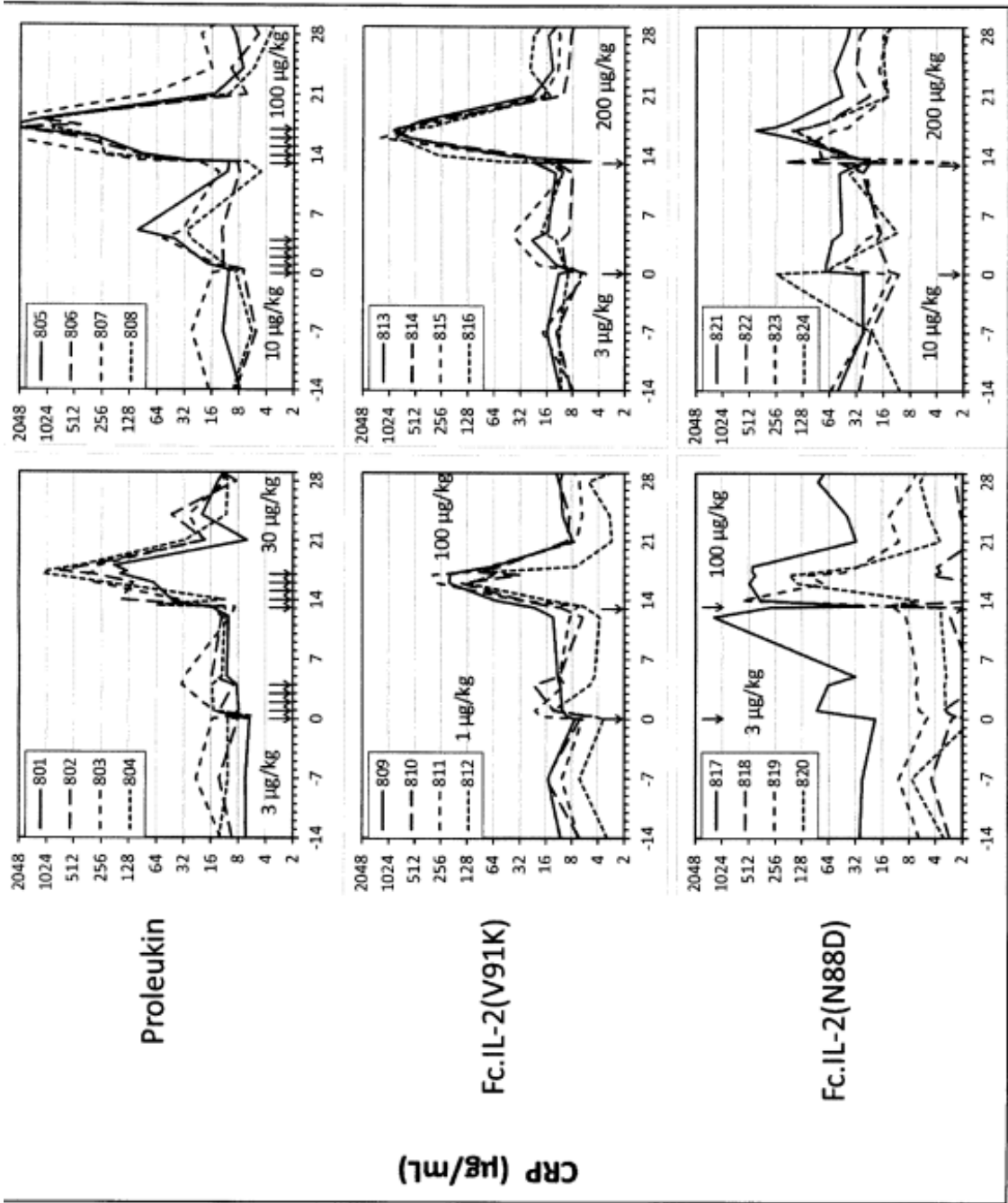


FIGURA 11F

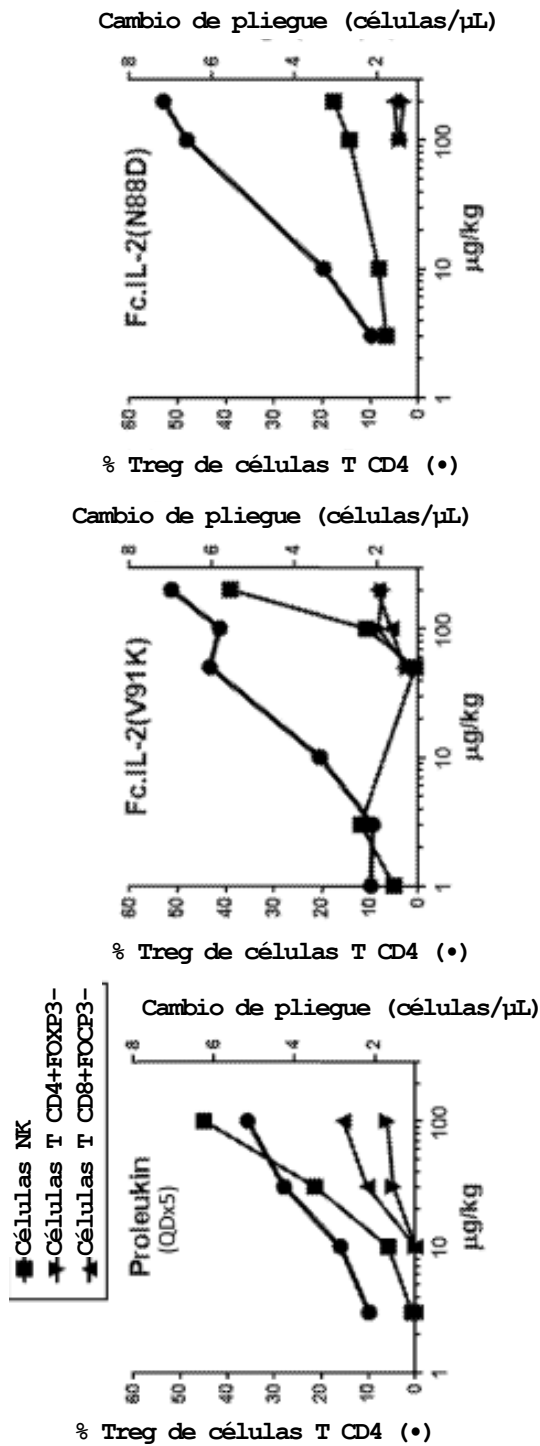


FIGURA 12A

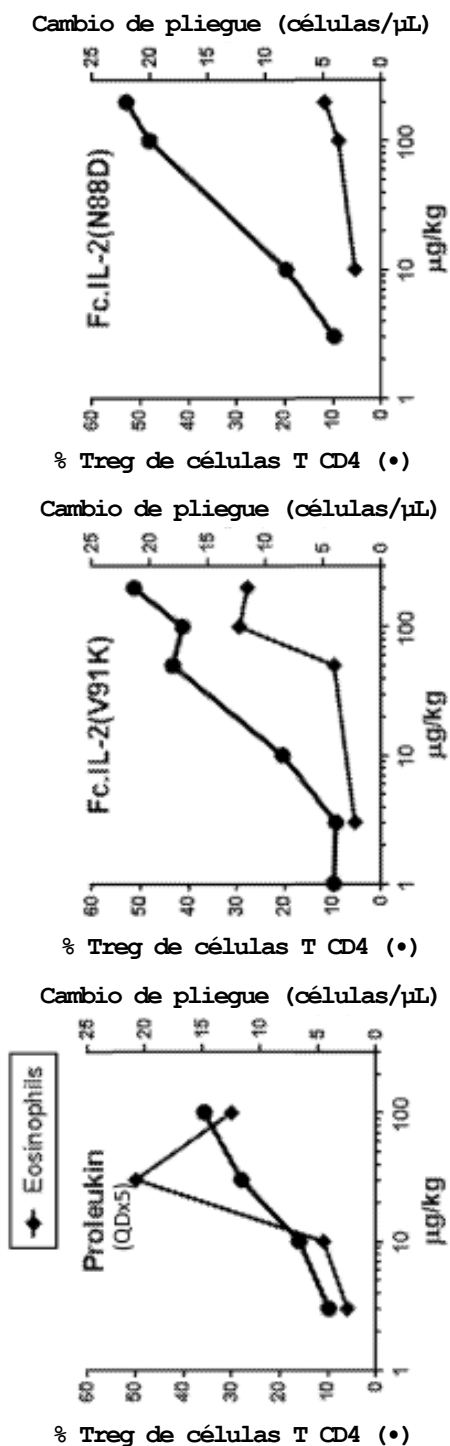


FIGURA 12B

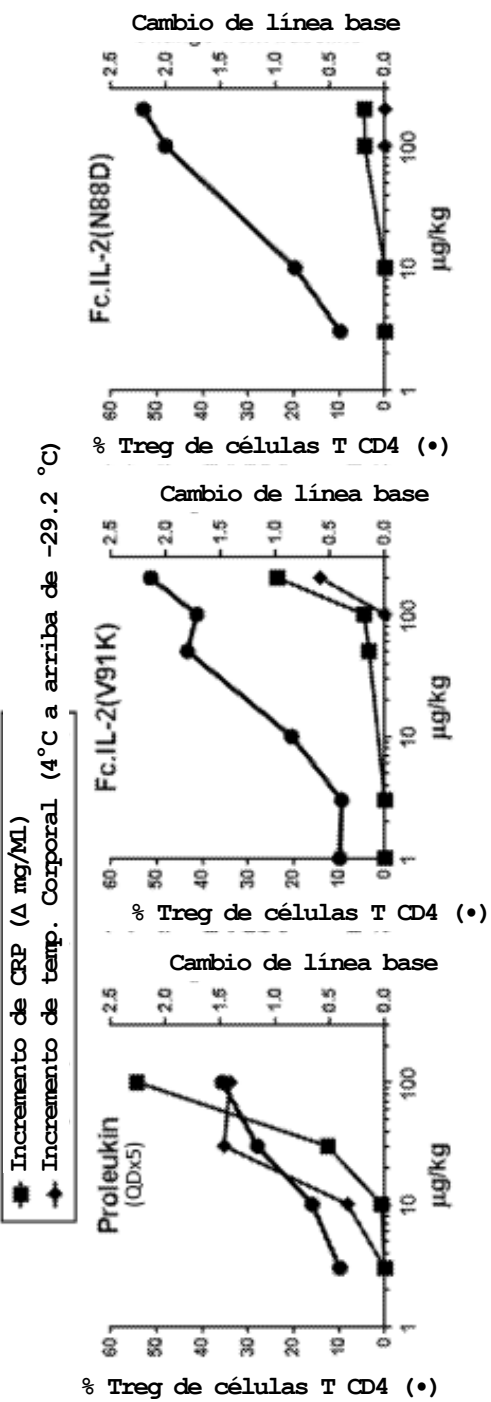


FIGURA 12C

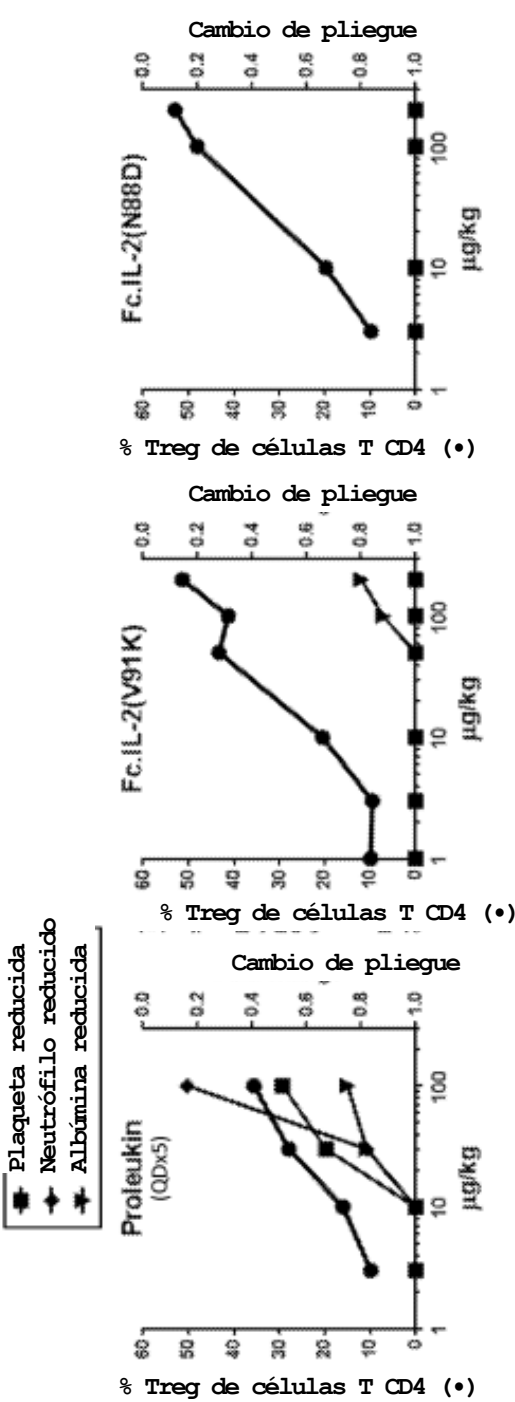


FIGURA 12D

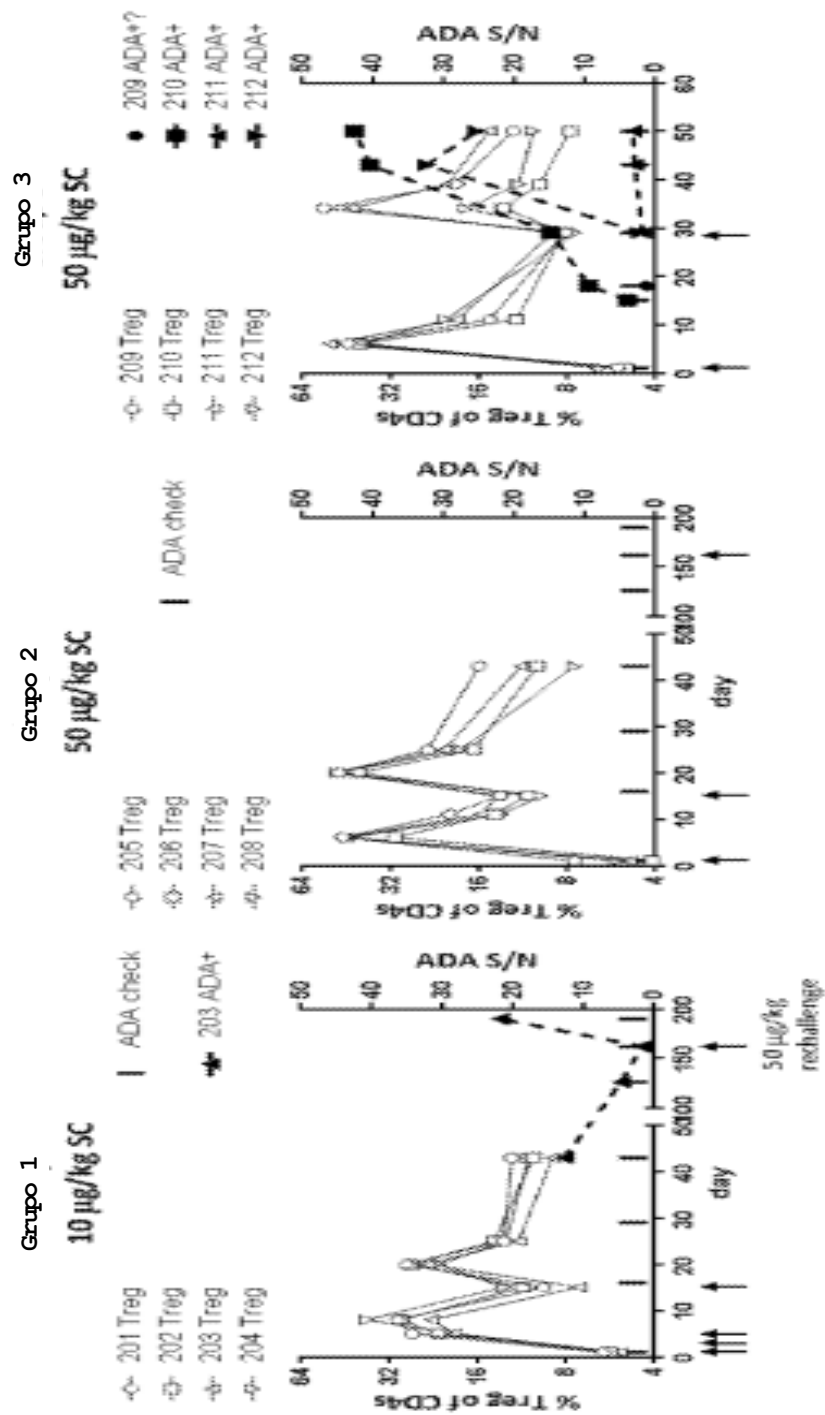


FIGURA 13

	L12	Q13	E15	H16	L19	D20	M23	R81	D84	S87	N88	V91	I92	L94	E95
A	1.18	0.82	1.26	2.51	2.05	1.61	0.68	1.61	1.53	-0.1	2.13	1.22	1.04	0.21	0.68
D	0.49	0.81	0.99	2.39	1.7	0	0.41	1.19	0	-0.4	1.1	0.52	0.29	-0.2	0.15
E	0.93	-0.1	0	1.01	1.58	0.49	0.01	0.93	2.4	-0.4	2.15	1.89	0.75	-0.9	-0
F	0.1	0.86	-0.5	0.97	-0.9	1.6	0.2	-0	0.98	-1.5	1.3	-0.6	0.18	-0	-0.5
G	1.36	1.08	1.51	3.06	2.73	1.83	0.82	1.62	2.11	0.19	2.78	1.88	1.29	0.32	1.11
H	-0.1	-0	0.29	0.42	0.18	0.55	0.39	0.52	1.64	-0.3	1.69	0.5	-0.1	0.04	0.84
I	-0.1	0.45	0.06	0.91	0.73	0.74	-0.1	1.01	1.76	-0.9	0.25	0.98	0	-0.6	0.48
K	1.19	0.25	0.85	3.98	-0.3	1.56	0.22	1.04	2.66	0.01	3.72	2.7	1.57	0.59	0.73
L	0	0.33	-0.1	1.47	0	0.57	0.14	1.11	1.16	-0.8	0.29	0.74	-0.3	0	0.12
M	1.09	-0.1	0.41	1.86	1.2	0.96	0	0.9	2.04	-1	2.17	1.09	0.72	0.09	0.64
N	0.26	0.66	0.68	1.59	1.31	0.16	0.26	1.38	0.66	-0.5	0	0.32	0.89	-0.3	0.5
P	0.89	0.24	1.01	2.18	0.97	0.86	0.34	1.36	1.18	-0.5	0.89	0.28	0.33	-0.1	0.08
Q	1.27	-0	0.21	0.94	0.98	0.61	-0.2	1.11	2.41	-0.2	1.46	0.73	-0.3	0.08	0.51
R	1.04	-0.2	0.48	2.69	1.17	1.33	1.19	0	1.69	1.15	2.19	1.23	1.8	0.47	1.03
S	1.35	0.85	1.3	2.73	2.33	1.25	0.89	1.71	2.06	0	2.19	1.54	0.8	0.24	0.68
T	1.11	0.6	0.88	1.91	1.58	1.16	0.67	1.69	2.3	-0.2	1.17	0.72	0.53	0.07	0.6
V	0.77	0.75	0.45	1.76	1.64	1.22	0.28	1.34	0.69	-0.3	2.2	-0	0.54	-0.1	0.31
W	-1.4	0.47	-0.7	-0.6	-2.4	3.88	0.08	-0.7	0.33	-0	2.88	-0.5	-0.3	-0.2	-0.4
Y	0.25	0.62	-0.2	1.55	-1.8	0.96	0.06	-0.3	0.82	-0.6	1.07	-0.4	-0.3	-0	0.63

FIGURA 14

	L12	Q13	E15	H16	L19	D20	M23	R81	D84	S87	N88	V91	I92	L94	E95
A	2.9	3.4	4.8	12.1	7.0	6.0	3.5	5.4	8.1	1.4	11.7	8.4	5.6	-0.3	6.5
D	5.9	8.2	8.6	21.0	17.8		5.6	6.9		-3.4	14.4	13.5	9.8	0.1	3.6
E	6.9	2.5		13.7	12.1	19.0	4.1	4.3	1.6	-0.4	20.4	4.4	8.6	-1.2	
F	-3.0	-1.5	0.0	-3.9	-0.2	13.4	2.0	3.3	2.3	-7.7	26.4	0.3	4.1	-0.2	3.4
G	3.2	4.8	6.4	15.1	9.8	6.8	3.8	5.5	9.8	2.1	13.5	12.8	7.5	-0.1	8.6
H	4.4	1.1	-2.2		5.9	12.3	3.2	3.3	4.9	-5.9	21.3	4.2	12.0	-0.2	2.8
I	1.2	3.9	2.2	2.9	1.9	4.6	0.9	2.5	6.0	-1.8	12.7	1.2		-0.2	4.1
K		2.0	7.9	8.1		25.8	1.6	3.7	14.4	4.7	24.1	9.3	-3.0	1.3	8.6
L	-4.2	-1.1	-3.5	3.1	-1.7	5.1	1.4	2.2	2.8	-2.3	1.9	0.5	-1.9		3.4
M	-1.5	-0.6	-4.7	-4.0	-3.2	4.0		-2.2	7.0	-6.0	-0.9	-4.6	-7.4	0.0	-2.4
N	-1.0	2.8	6.4	7.7	5.9	-0.4	2.3	5.3	4.7	-1.9		4.2	-1.8	-0.3	6.9
P	2.4	2.6	3.9	7.1	7.0	7.5	3.1	4.7	6.9	0.2	13.1	4.0	2.1	-0.2	5.9
Q	1.9	0.2	-2.2	1.1	4.4	3.1	0.5	0.8	8.7	-2.7	3.0	-0.5	-5.7	0.1	1.4
R	-14.9	2.2	-0.8	6.6	-7.4	16.6	3.4		10.9	3.4	5.4	4.0	-4.5	1.3	4.7
S	2.1	0.3	4.5	10.6	6.1	2.4	3.2	5.6	6.2		9.0	6.7	5.2	-0.3	6.5
T	0.9	0.1	2.3	5.1	7.3	5.0	2.3	4.6	4.9	0.1	8.2	4.3	3.9	-0.5	4.2
V	1.3	-2.1	2.1	7.8	3.9	4.2	2.0	4.8	5.9	0.4	5.6		1.4	-0.3	5.7
W	-0.5	-1.9	-7.8	8.9	3.6	39.6	2.9	3.6	-0.5	-13.1	36.8	-0.9	2.9	-4.7	-1.2
Y	-6.0		1.0	-3.2	4.9	37.4	1.7	2.0	4.4	-13.2	27.0	-0.6	-5.4	-0.2	3.7

FIGURA 15

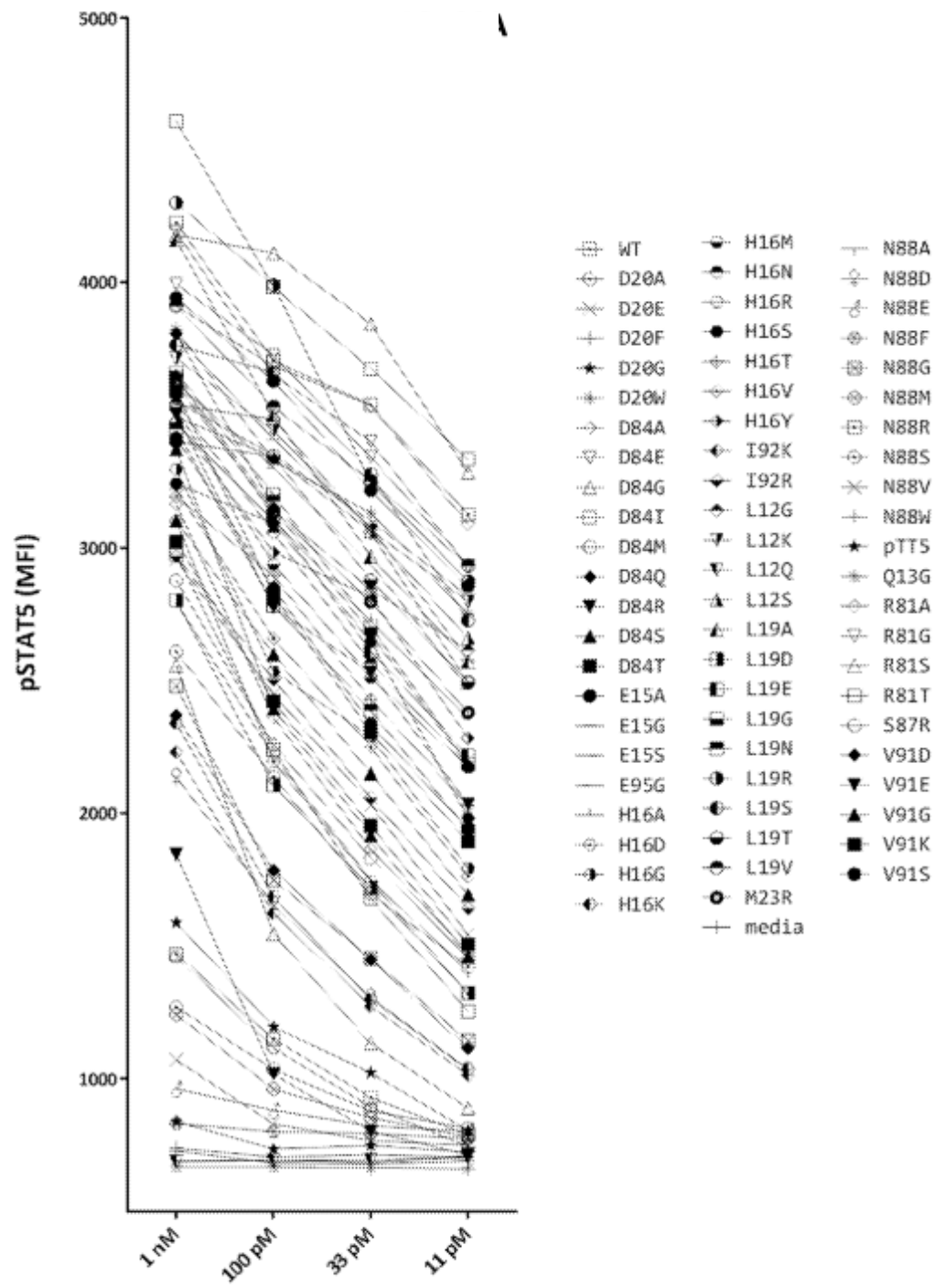


FIGURA 16A



FIGURA 16B

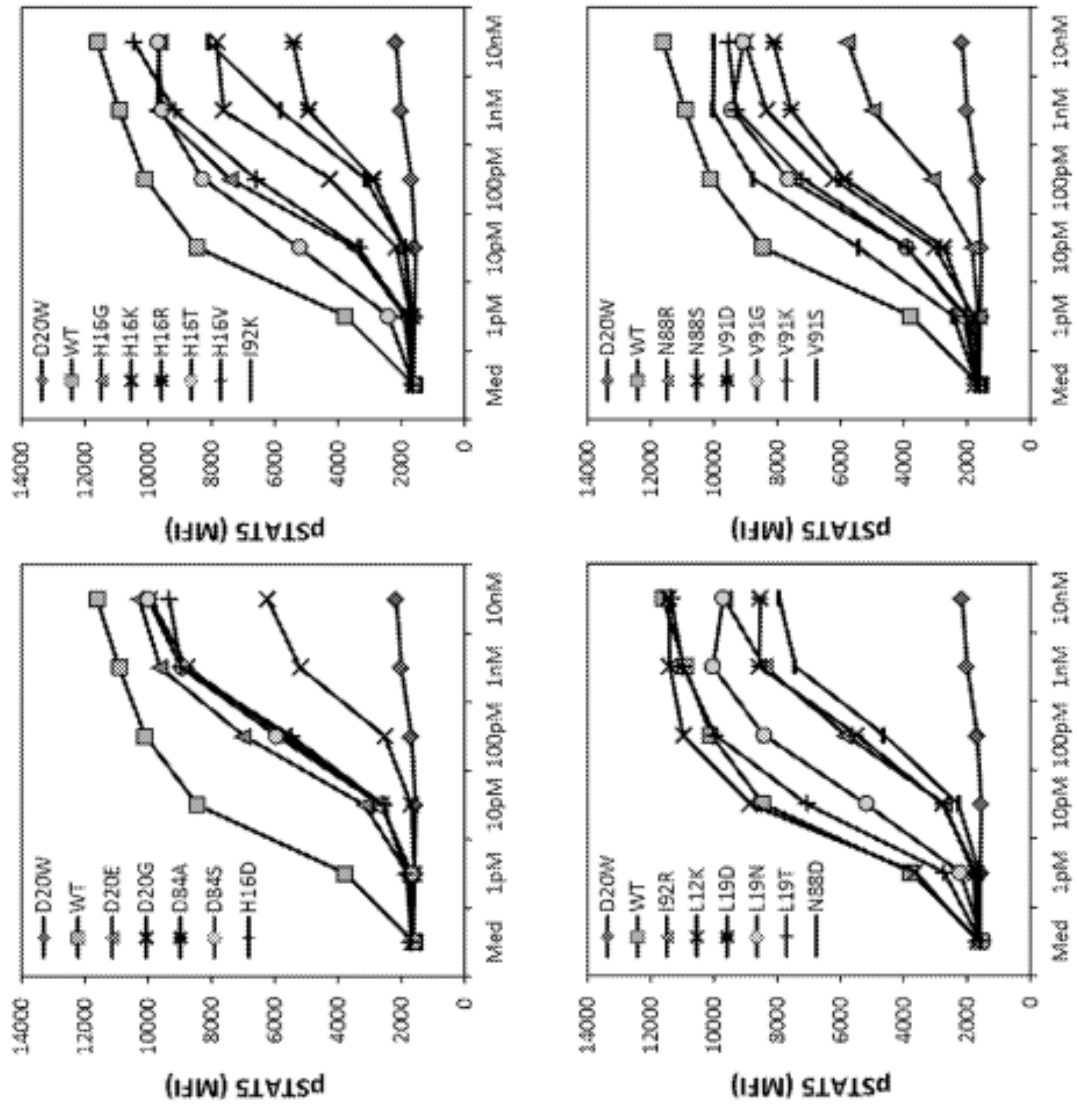


FIGURA 17

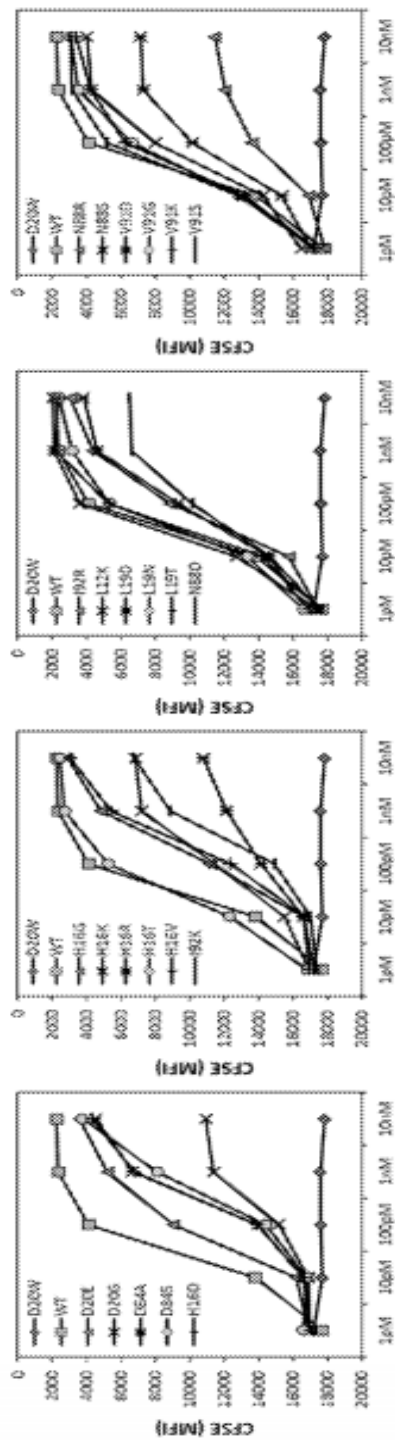
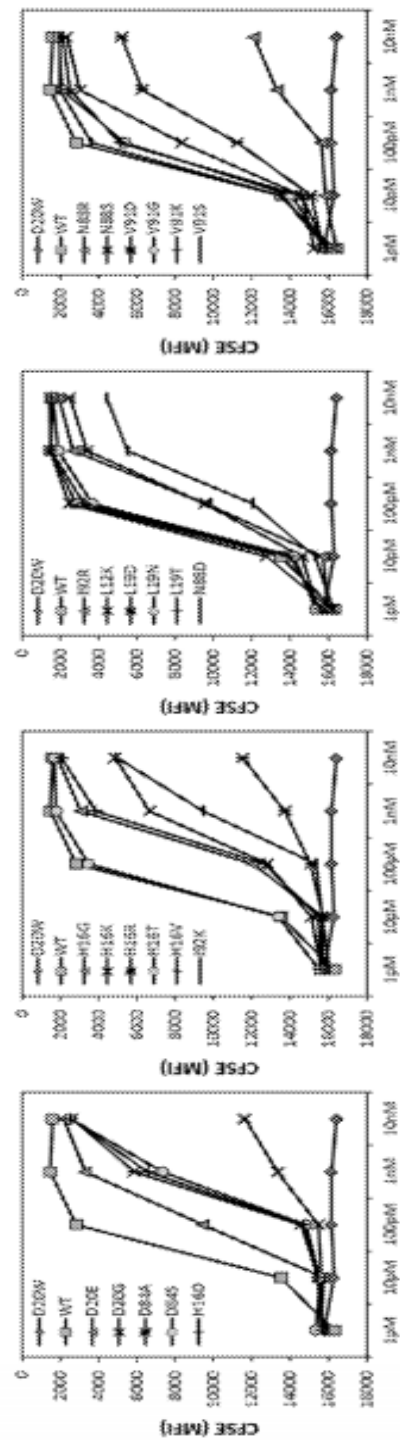


FIGURA 18B



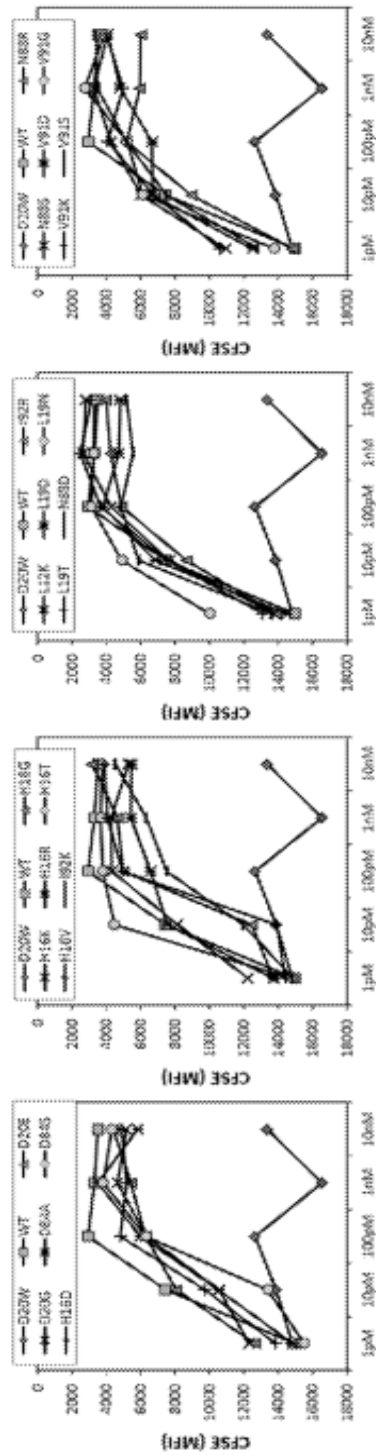
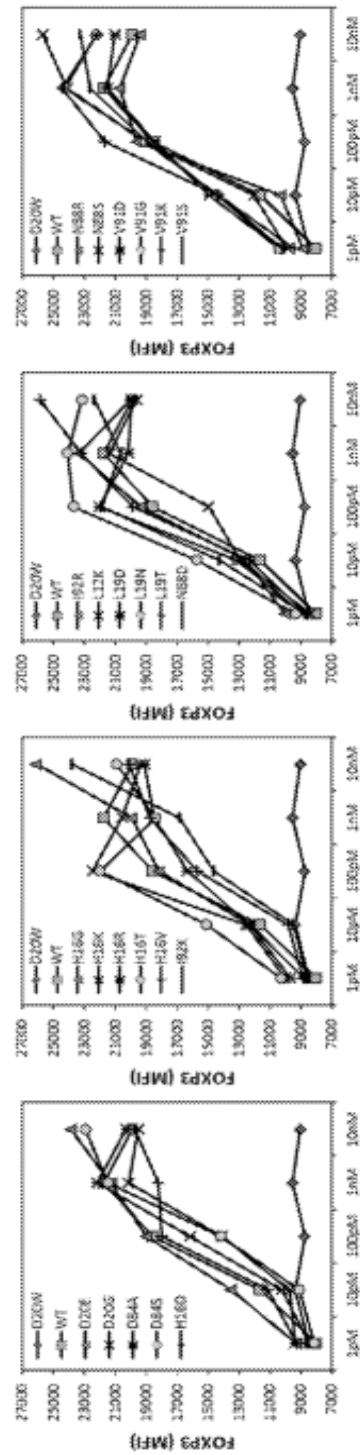


FIGURA 18C



Proliferación de Nk

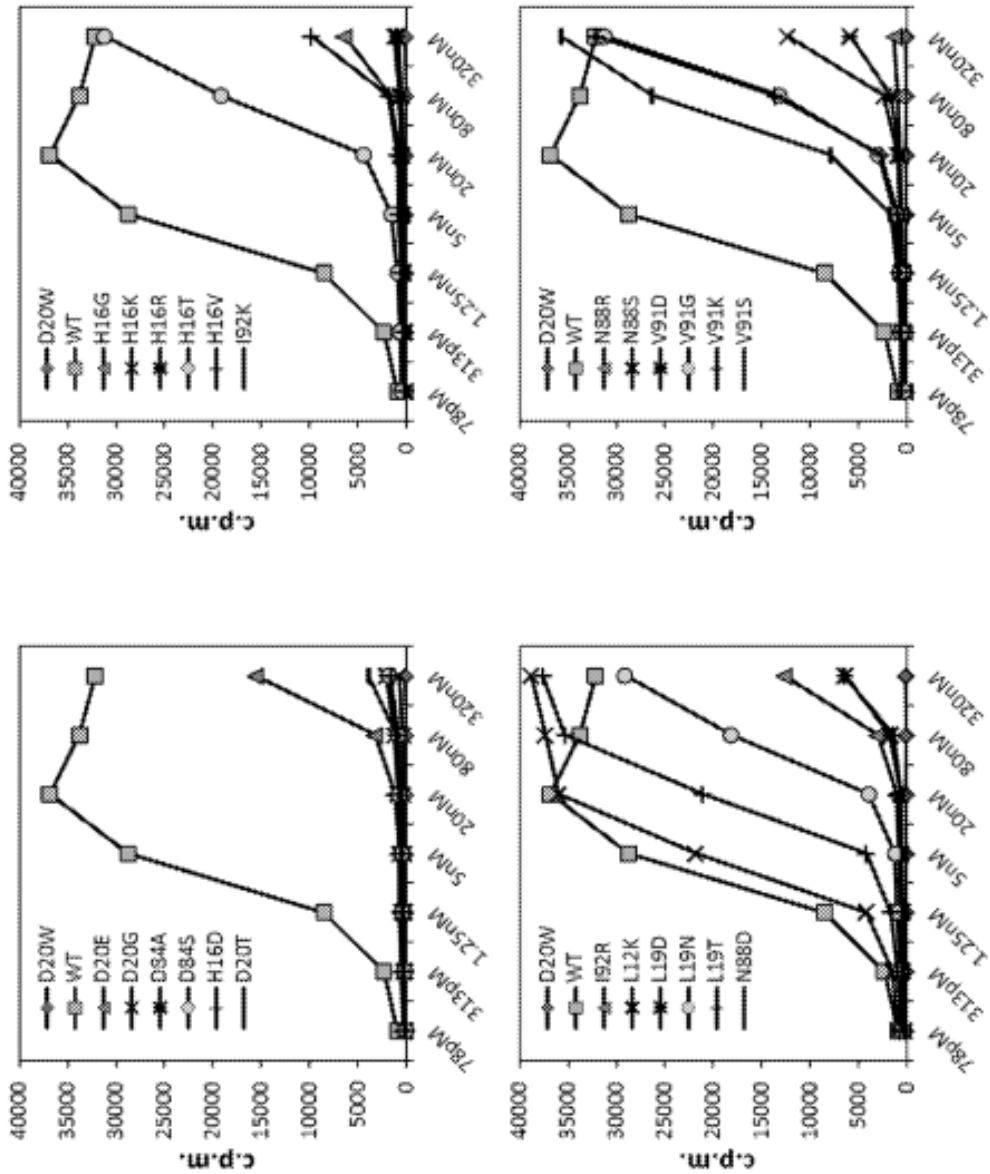


FIGURA 19

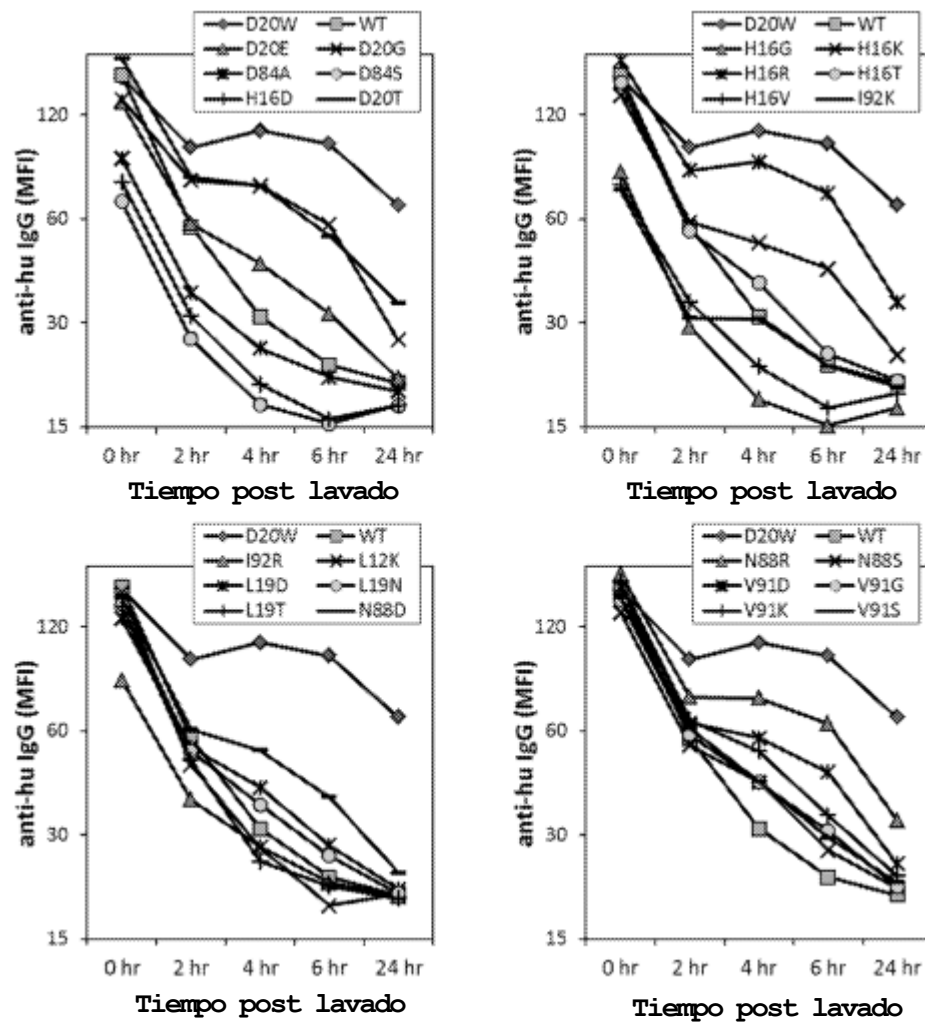
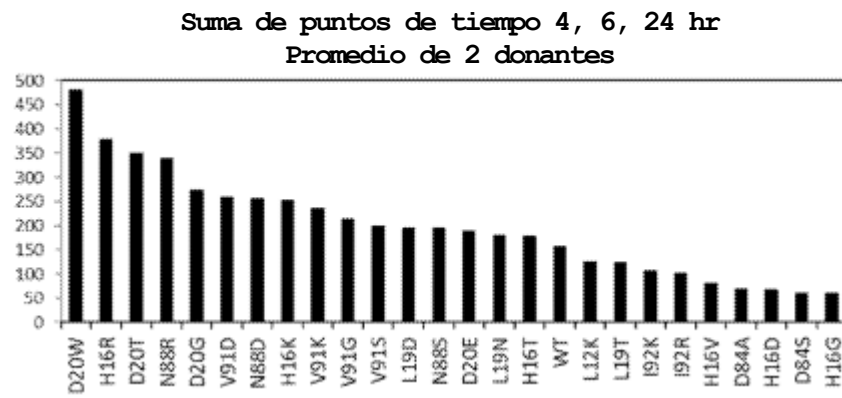


FIGURA 20A

**FIGURA 20B**

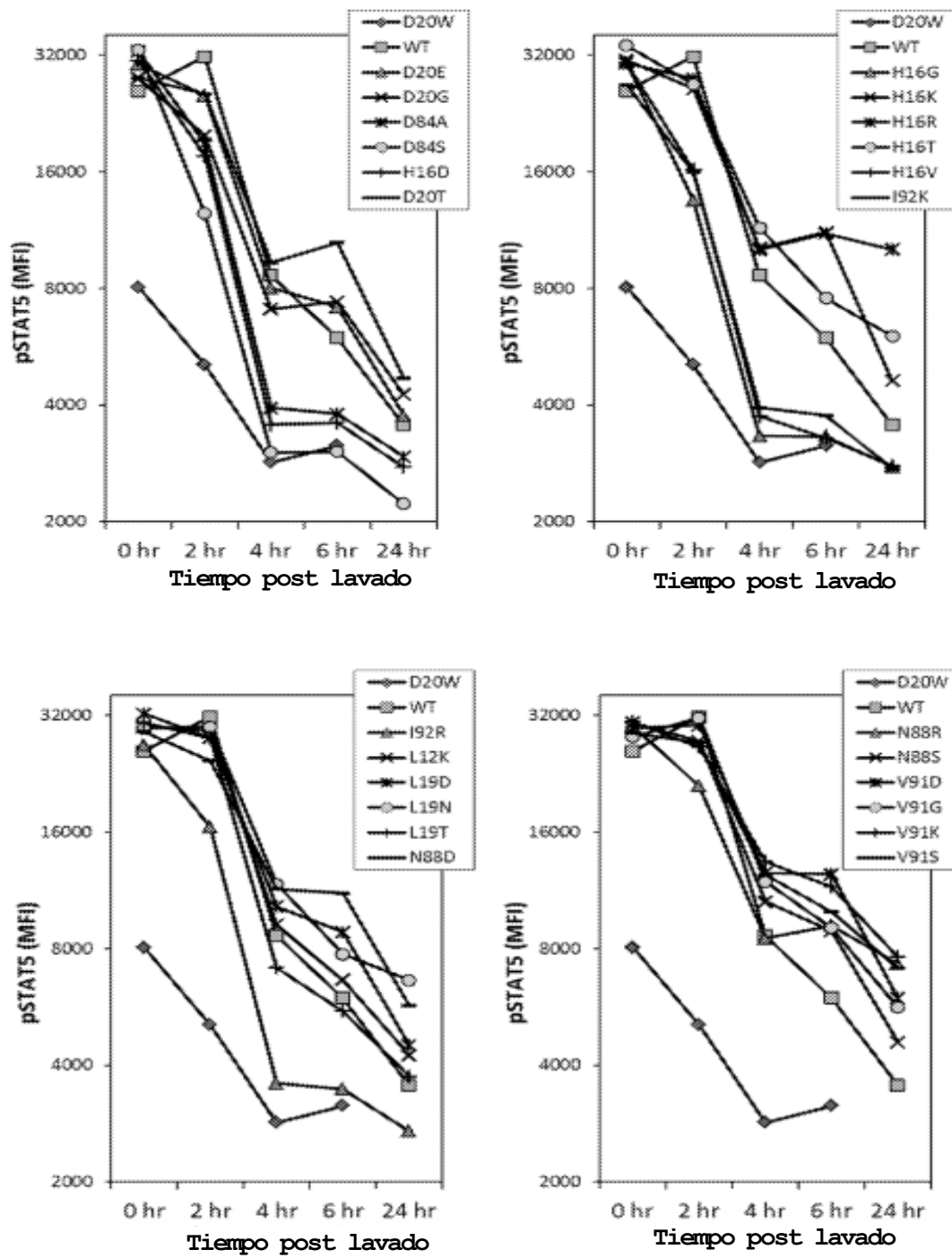


FIGURA 21

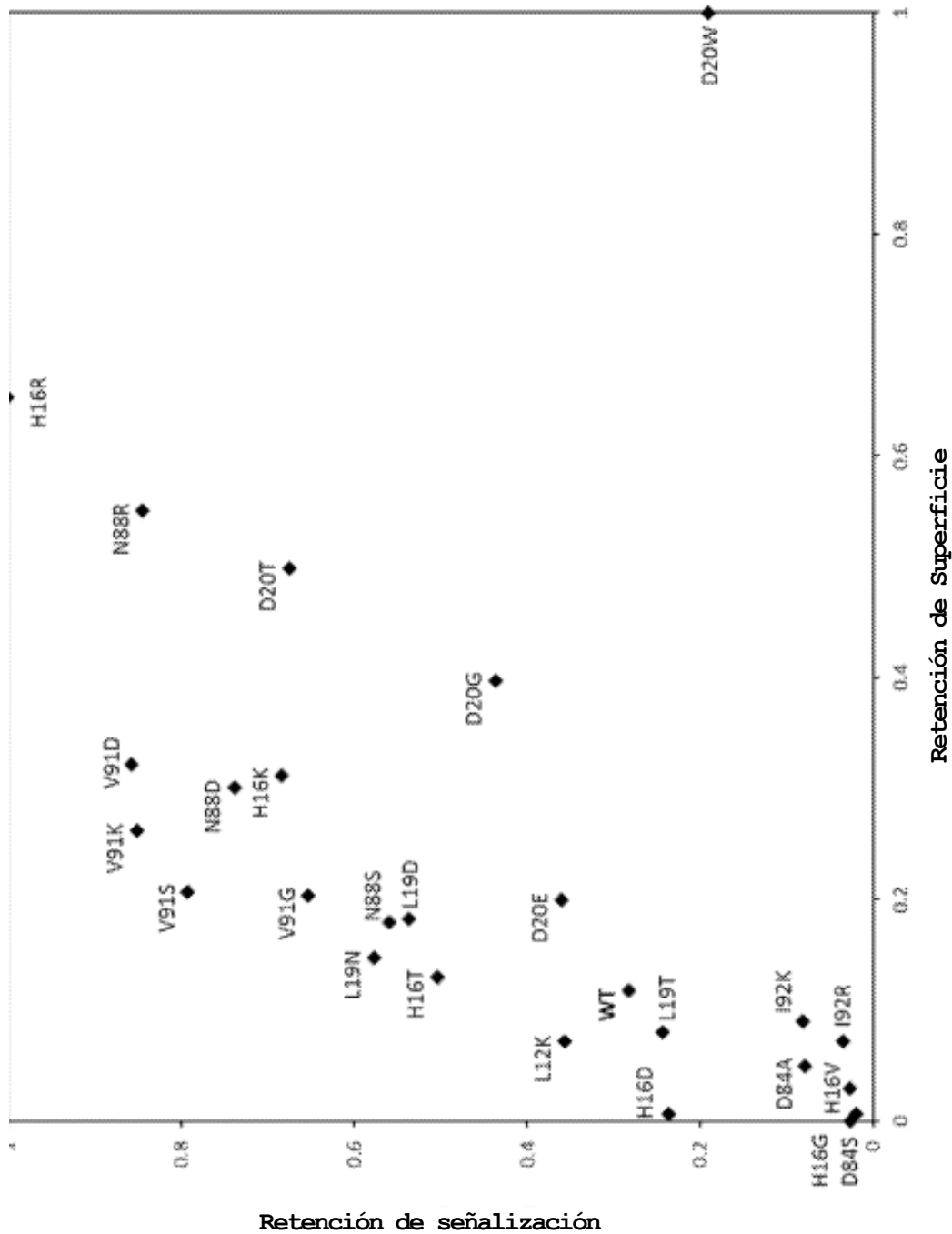
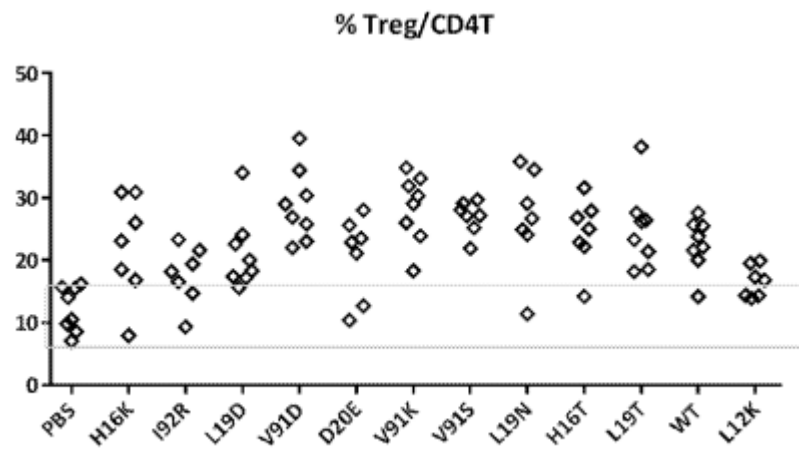
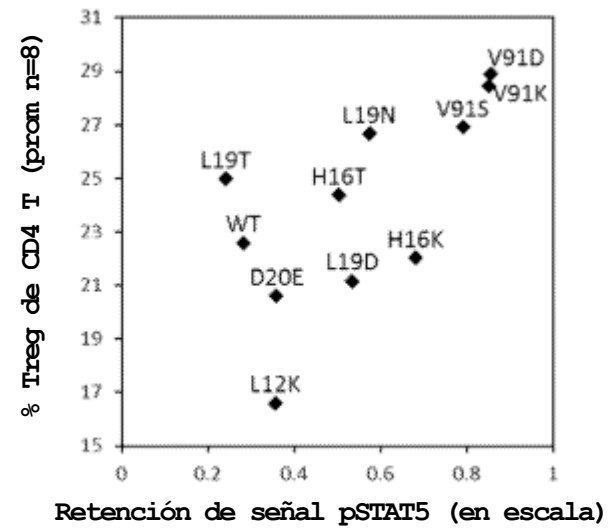


FIGURA 22

**FIGURA 23A**

**FIGURA 23B**

Fc(N297G_delK)::G4S::IL-2(L12G, C125A)

MDMRVPAQLLGLLLLWLRGARCDKTHTCPPCPAPELLGGPSVFLFPPKPK
DTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYGS
TYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQV
YTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVL
DSDGSFFLYSKLTVDKSRWQQGNVFCFSVMHEALHNHYTQKSLSLSPGGG
GGSAPTSSSTKKTQGGQLEHLLLDLQMILNGINNYKNPKLTRMLTFKFYMP
KKATELKHLCLEELKPLEEVLNLAQSKNFHLRPRDLISNINVIVLELK
GSETTFMCEYADETATIVEFLNRWITFAQSIISTLT

IgG1Fc(N297G_delK)::G4S::huIL-2(L12K, C125A)

MDMRVPAQLLGLLLLWLRGARCDKTHTCPPCPAPELLGGPSVFLFPPKPK
DTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYGS
TYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQV
YTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVL
DSDGSFFLYSKLTVDKSRWQQGNVFCFSVMHEALHNHYTQKSLSLSPGGG
GGSAPTSSSTKKTQKQLEHLLLDLQMILNGINNYKNPKLTRMLTFKFYMP
KKATELKHLCLEELKPLEEVLNLAQSKNFHLRPRDLISNINVIVLELK
GSETTFMCEYADETATIVEFLNRWITFAQSIISTLT

IgG1Fc(N297G_delK)::G4S::huIL-2(L12Q, C125A)

MDMRVPAQLLGLLLLWLRGARCDKTHTCPPCPAPELLGGPSVFLFPPKPK
DTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYGS
TYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQV
YTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVL
DSDGSFFLYSKLTVDKSRWQQGNVFCFSVMHEALHNHYTQKSLSLSPGGG
GGSAPTSSSTKKTQQQLEHLLLDLQMILNGINNYKNPKLTRMLTFKFYMP
KKATELKHLCLEELKPLEEVLNLAQSKNFHLRPRDLISNINVIVLELK
GSETTFMCEYADETATIVEFLNRWITFAQSIISTLT

IgG1Fc(N297G_delK)::G4S::huIL-2(L12S, C125A)

MDMRVPAQLLGLLLLWLRGARCDKTHTCPPCPAPELLGGPSVFLFPPKPK
DTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYGS
TYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQV
YTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVL
DSDGSFFLYSKLTVDKSRWQQGNVFCFSVMHEALHNHYTQKSLSLSPGGG
GGSAPTSSSTKKTQSQLEHLLLDLQMILNGINNYKNPKLTRMLTFKFYMP
KKATELKHLCLEELKPLEEVLNLAQSKNFHLRPRDLISNINVIVLELK
GSETTFMCEYADETATIVEFLNRWITFAQSIISTLT

FIGURA 24A

IgG1Fc(N297G_delK)::G4S::hulL-2(Q13G, C125A)

MDMRVPAQLLGLLLLWLRGARC DKTHTCPPCPAPELLGGPSVFLFPPKPK
 DTLNISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYGS
 TYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQV
 YTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVL
 DSDGSFFLYSKLTVDKSRWQQGNVFCFSVMHEALHNHYTQKSLSLSPGGG
GGSAPTSSSTKKTQLGLEHLLLDLQMILNGINNYKNPKLTRMLTFKFYMP
 KKATELKHLCLEELKPLEEVLNLAQSKNFHLRPRDLISNINVIVLELK
 GSETTFMCEYADETATIVEFLNRWITFAQSIISTLT

IgG1Fc(N297G_delK)::G4S::hulL-2(E15A, C125A)

MDMRVPAQLLGLLLLWLRGARCDKTHTCPPCPAPELLGGPSVFLFPPKPK
 DTLNISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYGS
 TYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQV
 YTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVL
 DSDGSFFLYSKLTVDKSRWQQGNVFCFSVMHEALHNHYTQKSLSLSPG GG
GGSAPTSSSTKKTQLQLAHLLLDLQMILNGINNYKNPKLTRMLTFKFYMP
 KKATELKHLCLEELKPLEEVLNLAQSKNFHLRPRDLISNINVIVLELK
 GSETTFMCEYADETATIVEFLNRWITFAQSIISTLT

IgG1Fc(N297G_delK)::G4S::hulL-2(E15G, C125A)

MDMRVPAQLLGLLLLWLRGARCDKTHTCPPCPAPELLGGPSVFLFPPKPK
 DTLNISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYGS
 TYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQV
 YTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVL
 DSDGSFFLYSKLTVDKSRWQQGNVFCFSVMHEALHNHYTQKSLSLSPGGG
GGSAPTSSSTKKTQLQLGHLLLDLQMILNGINNYKNPKLTRMLTFKFYMP
 KKATELKHLCLEELKPLEEVLNLAQSKNFHLRPRDLISNINVIVLELK
 GSETTFMCEYADETATIVEFLNRWITFAQSIISTLT

IgG1Fc(N297G_delK)::G4S::hulL-2(E15S, C125A)

MDMRVPAQLLGLLLLWLRGARCDKTHTCPPCPAPELLGGPSVFLFPPKPK
 DTLNISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYGS
 TYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQV
 YTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVL
 DSDGSFFLYSKLTVDKSRWQQGNVFCFSVMHEALHNHYTQKSLSLSPGGG
GGSAPTSSSTKKTQLQLSHLLLDLQMILNGINNYKNPKLTRMLTFKFYMP
 KKATELKHLCLEELKPLEEVLNLAQSKNFHLRPRDLISNINVIVLELK
 GSETTFMCEYADETATIVEFLNRWITFAQSIISTLT

FIGURA 24B

IgG1Fc(N297G_delK)::G4S::huIL-2(H16A, C125A)

MDMRVPAQLLGLLLLWLRGARC DKTHTCPPCPAPELLGGPSVFLFPPKPK
 DTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYGS
 TYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQV
 YTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVL
 DSDGSFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGGG
GGSAPTSSSTKKTQLQLEALLDLQMLNGINNYKNPKLTRMLTFKFYMP
 KKATELKHLQCLEEELKPLEEVLNLAQSKNFHLRPRDLISNINVIVLELK
 GSETTFMCEYADETATIVEFLNRWITFAQSIISTLT

IgG1Fc(N297G_delK)::G4S::huIL-2(H16D, C125A)

MDMRVPAQLLGLLLLWLRGARCDKTHTCPPCPAPELLGGPSVFLFPPKPK
 DTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYGS
 TYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQV
 YTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVL
 DSDGSFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPG GG
GGSAPTSSSTKKTQLQLEDLLDLQMLNGINNYKNPKLTRMLTFKFYMP
 KKATELKHLQCLEEELKPLEEVLNLAQSKNFHLRPRDLISNINVIVLELK
 GSETTFMCEYADETATIVEFLNRWITFAQSIISTLT

IgG1Fc(N297G_delK)::G4S::huIL-2(H16G, C125A)

MDMRVPAQLLGLLLLWLRGARCDKTHTCPPCPAPELLGGPSVFLFPPKPK
 DTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYGS
 TYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQV
 YTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVL
 DSDGSFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGGG
GGSAPTSSSTKKTQLQLEGLLLDLQMLNGINNYKNPKLTRMLTFKFYMP
 KKATELKHLQCLEEELKPLEEVLNLAQSKNFHLRPRDLISNINVIVLELK
 GSETTFMCEYADETATIVEFLNRWITFAQSIISTLT

IgG1Fc(N297G_delK)::G4S::huIL-2(H16K, C125A)

MDMRVPAQLLGLLLLWLRGARCDKTHTCPPCPAPELLGGPSVFLFPPKPK
 DTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYGS
 TYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQV
 YTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVL
 DSDGSFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGGG
GGSAPTSSSTKKTQLQLEKLLDLQMLNGINNYKNPKLTRMLTFKFYMP
 KKATELKHLQCLEEELKPLEEVLNLAQSKNFHLRPRDLISNINVIVLELK
 GSETTFMCEYADETATIVEFLNRWITFAQSIISTLT

FIGURA 24C

IgG1Fc(N297G_delK)::G4S::huIL-2(H16M, C125A)

MDMRVPAQLLGLLLLWLRGARCDKTHTCPPCPAPELLGGPSVFLFPPKPK
 DTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYGS
 TYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQV
 YTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVL
 DSDGSFFLYSKLTVDKSRWQQGNVFCFSVMHEALHNHYTQKSLSLSPGGG
GGSAPTSSTTKKTQLQLEMLLLDLQMILNGINNYKNPKLTRMLTFKFYMP
 KKATELKHLQCLEEELKPLEEVLNLAQSKNFHLRPRDLISNINVIVLELK
 GSETTFMCEYADETATIVEFLNRWITFAQSIISTLT

IgG1Fc(N297G_delK)::G4S::huIL-2(H16N, C125A)

MDMRVPAQLLGLLLLWLRGARC DKTHTCPPCPAPELLGGPSVFLFPPKPK
 DTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYGS
 TYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQV
 YTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVL
 DSDGSFFLYSKLTVDKSRWQQGNVFCFSVMHEALHNHYTQKSLSLSPGGG
GGSAPTSSTTKKTQLQLENLLDLQMILNGINNYKNPKLTRMLTFKFYMP
 KKATELKHLQCLEEELKPLEEVLNLAQSKNFHLRPRDLISNINVIVLELK
 GSETTFMCEYADETATIVEFLNRWITFAQSIISTLT

IgG1Fc(N297G_delK)::G4S::huIL-2(H16R, C125A)

MDMRVPAQLLGLLLLWLRGARCDKTHTCPPCPAPELLGGPSVFLFPPKPK
 DTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYGS
 TYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQV
 YTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVL
 DSDGSFFLYSKLTVDKSRWQQGNVFCFSVMHEALHNHYTQKSLSLSPGGG
GGSAPTSSTTKKTQLQLERLLDLQMILNGINNYKNPKLTRMLTFKFYMP
 KKATELKHLQCLEEELKPLEEVLNLAQSKNFHLRPRDLISNINVIVLELK
 GSETTFMCEYADETATIVEFLNRWITFAQSIISTLT

IgG1Fc(N297G_delK)::G4S::huIL-2(H16S, C125A)

MDMRVPAQLLGLLLLWLRGARCDKTHTCPPCPAPELLGGPSVFLFPPKPK
 DTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYGS
 TYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQV
 YTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVL
 DSDGSFFLYSKLTVDKSRWQQGNVFCFSVMHEALHNHYTQKSLSLSPGGG
GGSAPTSSTTKKTQLQLESLLDLQMILNGINNYKNPKLTRMLTFKFYMP
 KKATELKHLQCLEEELKPLEEVLNLAQSKNFHLRPRDLISNINVIVLELK
 GSETTFMCEYADETATIVEFLNRWITFAQSIISTLT

FIGURA 24D

IgG1Fc(N297G_delK)::G4S::huIL-2(H16T, C125A)

MDMRVPAQLLGLLLLWLRGARCDKTHTCPPCPAPELLGGPSVFLFPPKPK
DTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYGS
TYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQV
YTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVL
DSDGSFFLYSKLTVDKSRWQQGNVFCFSVMHEALHNHYTQKSLSLSPGGG
GGSAPTSSSTKKTQLQLETLLLDLQMILNGINNYKNPKLTRMLTFKFYMP
KKATELKHLQCLEEELKPLEEVLNLAQSKNFHLRPRDLISNINVIVLELK
GSETTFMCEYADETATIVEFLNRWITFAQSIISTLT

IgG1Fc(N297G_delK)::G4S::huIL-2(H16V, C125A)

MDMRVPAQLLGLLLLWLRGARCDKTHTCPPCPAPELLGGPSVFLFPPKPK
DTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYGS
TYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQV
YTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVL
DSDGSFFLYSKLTVDKSRWQQGNVFCFSVMHEALHNHYTQKSLSLSPGGG
GGSAPTSSSTKKTQLQLEVLILLDLQMILNGINNYKNPKLTRMLTFKFYMP
KKATELKHLQCLEEELKPLEEVLNLAQSKNFHLRPRDLISNINVIVLELK
GSETTFMCEYADETATIVEFLNRWITFAQSIISTLT

IgG1Fc(N297G_delK)::G4S::huIL-2(H16Y, C125A)

MDMRVPAQLLGLLLLWLRGARCDKTHTCPPCPAPELLGGPSVFLFPPKPK
DTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYGS
TYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQV
YTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVL
DSDGSFFLYSKLTVDKSRWQQGNVFCFSVMHEALHNHYTQKSLSLSPGGG
GGSAPTSSSTKKTQLQLEYLLLDLQMILNGINNYKNPKLTRMLTFKFYMP
KKATELKHLQCLEEELKPLEEVLNLAQSKNFHLRPRDLISNINVIVLELK
GSETTFMCEYADETATIVEFLNRWITFAQSIISTLT

IgG1Fc(N297G_delK)::G4S::huIL-2(L19A, C125A)

MDMRVPAQLLGLLLLWLRGARCDKTHTCPPCPAPELLGGPSVFLFPPKPK
DTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYGS
TYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQV
YTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVL
DSDGSFFLYSKLTVDKSRWQQGNVFCFSVMHEALHNHYTQKSLSLSPGGG
GGSAPTSSSTKKTQLQLEHLLADLQMILNGINNYKNPKLTRMLTFKFYMP
KKATELKHLQCLEEELKPLEEVLNLAQSKNFHLRPRDLISNINVIVLELK
GSETTFMCEYADETATIVEFLNRWITFAQSIISTLT

FIGURA 24E

IgG1Fc(N297G_delK)::G4S::huIL-2(L19D, C125A)

MDMRVPAQLLGLLLLWLRGARCDKTHTCPPCPAPELLGGPSVFLFPPKPK
 DTLNISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYGS
 TYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQV
 YTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVL
 DSDGSFFLYSKLTVDKSRWQQGNVFCSCVMHEALHNHYTQKSLSLSPGGG
GGSAPTSSSTKKTQLQLEHLLDLQMLNGINNYKNPKLTRMLTFKFYMP
 KKATELKHLCLEELKPLEEVLNLAQSKNFHLRPRDLISNINVIVLELK
 GSETTFMCEYADETATIVEFLNRWITFAQSIISTLT

IgG1Fc(N297G_delK)::G4S::huIL-2(L19E, C125A)

MDMRVPAQLLGLLLLWLRGARCDKTHTCPPCPAPELLGGPSVFLFPPKPK
 DTLNISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYGS
 TYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQV
 YTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVL
 DSDGSFFLYSKLTVDKSRWQQGNVFCSCVMHEALHNHYTQKSLSLSPGGG
GGSAPTSSSTKKTQLQLEHLLDLQMLNGINNYKNPKLTRMLTFKFYMP
 KKATELKHLCLEELKPLEEVLNLAQSKNFHLRPRDLISNINVIVLELK
 GSETTFMCEYADETATIVEFLNRWITFAQSIISTLT

IgG1Fc(N297G_delK)::G4S::huIL-2(L19G, C125A)

MDMRVPAQLLGLLLLWLRGARCDKTHTCPPCPAPELLGGPSVFLFPPKPK
 DTLNISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYGS
 TYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQV
 YTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVL
 DSDGSFFLYSKLTVDKSRWQQGNVFCSCVMHEALHNHYTQKSLSLSPGGG
GGSAPTSSSTKKTQLQLEHLLGDLQMLNGINNYKNPKLTRMLTFKFYMP
 KKATELKHLCLEELKPLEEVLNLAQSKNFHLRPRDLISNINVIVLELK
 GSETTFMCEYADETATIVEFLNRWITFAQSIISTLT

IgG1Fc(N297G_delK)::G4S::huIL-2(L19N, C125A)

MDMRVPAQLLGLLLLWLRGARCDKTHTCPPCPAPELLGGPSVFLFPPKPK
 DTLNISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYGS
 TYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQV
 YTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVL
 DSDGSFFLYSKLTVDKSRWQQGNVFCSCVMHEALHNHYTQKSLSLSPGGG
GGSAPTSSSTKKTQLQLEHLLNDLQMLNGINNYKNPKLTRMLTFKFYMP
 KKATELKHLCLEELKPLEEVLNLAQSKNFHLRPRDLISNINVIVLELK
 GSETTFMCEYADETATIVEFLNRWITFAQSIISTLT

FIGURA 24F

IgG1Fc(N297G_delK)::G4S::huIL-2(L19R, C125A)

MDMRVPAQLLGLLLLWLRGARCDKTHTCPPCPAPELLGGPSVFLFPPKPK
DTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYGS
TYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQV
YTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTPPVL
DSDGSFFLYSKLTVDKSRWQQGNVFCFSVMHEALHNHYTQKSLSLSPGGG
GGSAPTSSSTKKTQLQLEHLLRDLMILNGINNYKNPKLTRMLTFKFYMP
KKATELKHLQCLEEELKPLEEVLNLAQSKNFHLRPRDLISNINVIVLELK
GSETTFMCEYADETATIVEFLNRWITFAQSIISTLT

IgG1Fc(N297G_delK)::G4S::huIL-2(L19S, C125A)

MDMRVPAQLLGLLLLWLRGARCDKTHTCPPCPAPELLGGPSVFLFPPKPK
DTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYGS
TYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQV
YTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTPPVL
DSDGSFFLYSKLTVDKSRWQQGNVFCFSVMHEALHNHYTQKSLSLSPGGG
GGSAPTSSSTKKTQLQLEHLLSDLMILNGINNYKNPKLTRMLTFKFYMP
KKATELKHLQCLEEELKPLEEVLNLAQSKNFHLRPRDLISNINVIVLELK
GSETTFMCEYADETATIVEFLNRWITFAQSIISTLT

IgG1Fc(N297G_delK)::G4S::huIL-2(L19T, C125A)

MDMRVPAQLLGLLLLWLRGARCDKTHTCPPCPAPELLGGPSVFLFPPKPK
DTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYGS
TYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQV
YTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTPPVL
DSDGSFFLYSKLTVDKSRWQQGNVFCFSVMHEALHNHYTQKSLSLSPGGG
GGSAPTSSSTKKTQLQLEHLLTDLMILNGINNYKNPKLTRMLTFKFYMP
KKATELKHLQCLEEELKPLEEVLNLAQSKNFHLRPRDLISNINVIVLELK
GSETTFMCEYADETATIVEFLNRWITFAQSIISTLT

IgG1Fc(N297G_delK)::G4S::huIL-2(L19V, C125A)

MDMRVPAQLLGLLLLWLRGARCDKTHTCPPCPAPELLGGPSVFLFPPKPK
DTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYGS
TYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQV
YTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTPPVL
DSDGSFFLYSKLTVDKSRWQQGNVFCFSVMHEALHNHYTQKSLSLSPGGG
GGSAPTSSSTKKTQLQLEHLLVDLMILNGINNYKNPKLTRMLTFKFYMP
KKATELKHLQCLEEELKPLEEVLNLAQSKNFHLRPRDLISNINVIVLELK
GSETTFMCEYADETATIVEFLNRWITFAQSIISTLT

FIGURA 24G

G1Fc(N297G_delK)::G4S::hulL-2(D20A, C125A)

IDMRVPAQLLGLLLLWLRGARCDKTHTCPPCPAPELLGGPSVFLFPPKPK
 TLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYG
 S/RVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQV
 FLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPVL
 SDGSFFLYSKLTVDKSRWQQGNVFCFSVMHEALHNHYTQKSLSLSPGGG
GSAPTSSSTKKTQLQLEHLLALQMILNGINNYKNPKLTRMLTFKFYMP
 <ATELKHLQCLEEELKPLEEVLNLAQSKNFHLRPRDLISNINVIVLELK
 SETTFMCEYADETATIVEFLNRWITFAQSIISTLT

G1Fc(N297G_delK)::G4S::hulL-2(D20E, C125A)

IDMRVPAQLLGLLLLWLRGARCDKTHTCPPCPAPELLGGPSVFLFPPKPK
 TLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYG
 S/RVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQV
 FLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPVL
 SDGSFFLYSKLTVDKSRWQQGNVFCFSVMHEALHNHYTQKSLSLSPGGG
GSAPTSSSTKKTQLQLEHLLLELQMILNGINNYKNPKLTRMLTFKFYMP
 <ATELKHLQCLEEELKPLEEVLNLAQSKNFHLRPRDLISNINVIVLELK
 SETTFMCEYADETATIVEFLNRWITFAQSIISTLT

G1Fc(N297G_delK)::G4S::hulL-2(D20F, C125A)

IDMRVPAQLLGLLLLWLRGARCDKTHTCPPCPAPELLGGPSVFLFPPKPK
 TLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYG
 S/RVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQV
 FLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPVL
 SDGSFFLYSKLTVDKSRWQQGNVFCFSVMHEALHNHYTQKSLSLSPGGG
GSAPTSSSTKKTQLQLEHLLFLQMILNGINNYKNPKLTRMLTFKFYMP
 <ATELKHLQCLEEELKPLEEVLNLAQSKNFHLRPRDLISNINVIVLELK
 SETTFMCEYADETATIVEFLNRWITFAQSIISTLT

G1Fc(N297G_delK)::G4S::hulL-2(D20G, C125A)

IDMRVPAQLLGLLLLWLRGARCDKTHTCPPCPAPELLGGPSVFLFPPKPK
 TLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYG
 S/RVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQV
 FLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPVL
 SDGSFFLYSKLTVDKSRWQQGNVFCFSVMHEALHNHYTQKSLSLSPGGG
GSAPTSSSTKKTQLQLEHLLGLQMILNGINNYKNPKLTRMLTFKFYMP
 <ATELKHLQCLEEELKPLEEVLNLAQSKNFHLRPRDLISNINVIVLELK
 SETTFMCEYADETATIVEFLNRWITFAQSIISTLT

FIGURA 24H

IgG1Fc(N297G_delK)::G4S::huIL-2(D20W, C125A)

MDMRVPAQLLGLLLLWLRGARCDKTHTCPPCPAPELLGGPSVFLFPPKPK
DTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYGS
TYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQV
YTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVL
DSDGSFFLYSKLTVDKSRWQQGNVFCFSVMHEALHNHYTQKSLSLSPGGG
GGSAPTSSSTKKTQLQLEHLLWLQMI L N G I N N Y K N P K L T R M L T F K F Y M P
KKATELKHLCLEEEELKPLEEVLNLAQSKNFHLRPRDLISNINVIVLELK
GSETTFMCEYADETATIVEFLNRWITFAQSIISTLT

IgG1Fc(N297G_delK)::G4S::huIL-2(M23R, C125A)

MDMRVPAQLLGLLLLWLRGARCDKTHTCPPCPAPELLGGPSVFLFPPKPK
DTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYGS
TYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQV
YTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVL
DSDGSFFLYSKLTVDKSRWQQGNVFCFSVMHEALHNHYTQKSLSLSPGGG
GGSAPTSSSTKKTQLQLEHLLDLQRI L N G I N N Y K N P K L T R M L T F K F Y M P
KKATELKHLCLEEEELKPLEEVLNLAQSKNFHLRPRDLISNINVIVLELK
GSETTFMCEYADETATIVEFLNRWITFAQSIISTLT

IgG1Fc(N297G_delK)::G4S::huIL-2(R81A, C125A)

MDMRVPAQLLGLLLLWLRGARCDKTHTCPPCPAPELLGGPSVFLFPPKPK
DTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYGS
TYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQV
YTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVL
DSDGSFFLYSKLTVDKSRWQQGNVFCFSVMHEALHNHYTQKSLSLSPGGG
GGSAPTSSSTKKTQLQLEHLLDLQMI L N G I N N Y K N P K L T R M L T F K F Y M P
KKATELKHLCLEEEELKPLEEVLNLAQSKNFHLAPRDLISNINVIVLELK
GSETTFMCEYADETATIVEFLNRWITFAQSIISTLT

IgG1Fc(N297G_delK)::G4S::huIL-2(R81G, C125A)

MDMRVPAQLLGLLLLWLRGARCDKTHTCPPCPAPELLGGPSVFLFPPKPK
DTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYGS
TYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQV
YTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVL
DSDGSFFLYSKLTVDKSRWQQGNVFCFSVMHEALHNHYTQKSLSLSPGGG
GGSAPTSSSTKKTQLQLEHLLDLQMI L N G I N N Y K N P K L T R M L T F K F Y M P
KKATELKHLCLEEEELKPLEEVLNLAQSKNFHLGPRDLISNINVIVLELK
GSETTFMCEYADETATIVEFLNRWITFAQSIISTLT

FIGURA 24I

IgG1Fc(N297G_delK)::G4S::huL-2(R81S, C125A)

MDMRVPAQLLGLLLLWLRGARCDKTHTCPPCPAPELLGGPSVFLFPPKPK
DTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYGS
TYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQV
YTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTPPVL
DSDGSFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGGG
GGSAPTSSSTKKTQLQLEHLLDLQMILNGINNYKNPKLTRMLTFKFYMP
 KKATELKHLQCLEELKPLEEVLNLAQSKNFHLSPRDLISNINVIVLELK
 GSETTFMCEYADETATIVEFLNRWITFAQSIISTLT

IgG1Fc(N297G_delK)::G4S::huL-2(R81T, C125A)

MDMRVPAQLLGLLLLWLRGARCDKTHTCPPCPAPELLGGPSVFLFPPKPK
DTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYGS
TYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQV
YTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTPPVL
DSDGSFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGGG
GGSAPTSSSTKKTQLQLEHLLDLQMILNGINNYKNPKLTRMLTFKFYMP
 KKATELKHLQCLEELKPLEEVLNLAQSKNFHLTPRDLISNINVIVLELK
 GSETTFMCEYADETATIVEFLNRWITFAQSIISTLT

IgG1Fc(N297G_delK)::G4S::huL-2(D84A, C125A)

MDMRVPAQLLGLLLLWLRGARCDKTHTCPPCPAPELLGGPSVFLFPPKPK
DTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYGS
TYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQV
YTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTPPVL
DSDGSFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPG GG
GGSAPTSSSTKKTQLQLEHLLDLQMILNGINNYKNPKLTRMLTFKFYMP
 KKATELKHLQCLEELKPLEEVLNLAQSKNFHLRPRALISNINVIVLELK
 GSETTFMCEYADETATIVEFLNRWITFAQSIISTLT

IgG1Fc(N297G_delK)::G4S::huL-2(D84E, C125A)

MDMRVPAQLLGLLLLWLRGARCDKTHTCPPCPAPELLGGPSVFLFPPKPK
DTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYGS
TYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQV
YTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTPPVL
DSDGSFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGGG
GGSAPTSSSTKKTQLQLEHLLDLQMILNGINNYKNPKLTRMLTFKFYMP
 KKATELKHLQCLEELKPLEEVLNLAQSKNFHLRPRELISNINVIVLELK
 GSETTFMCEYADETATIVEFLNRWITFAQSIISTLT

FIGURA 24J

IgG1Fc(N297G_delK)::G4S::huIL-2(D84G, C125A)

MDMRVPAQLLGLLLLWLRGARCDKTHTCPPCPAPELLGGPSVFLFPPKPK
DTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYGS
TYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQV
YTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVL
DSDGSFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGGG
GGSAPTSSSTKKTQLQLEHLLLDLQMILNGINNYKNPKLTRMLTFKFYMP
KKATELKHLQCLEEELKPLEEVLNLAQSKNFHLRPRGLISNINVIVLELK
GSETTFMCEYADETATIVEFLNRWITFAQSIISTLT

IgG1Fc(N297G_delK)::G4S::huIL-2(D84I, C125A)

MDMRVPAQLLGLLLLWLRGARCDKTHTCPPCPAPELLGGPSVFLFPPKPK
DTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYGS
TYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQV
YTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVL
DSDGSFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGGG
GGSAPTSSSTKKTQLQLEHLLLDLQMILNGINNYKNPKLTRMLTFKFYMP
KKATELKHLQCLEEELKPLEEVLNLAQSKNFHLRPRILISNINVIVLELK
GSETTFMCEYADETATIVEFLNRWITFAQSIISTLT

IgG1Fc(N297G_delK)::G4S::huIL-2(D84M, C125A)

MDMRVPAQLLGLLLLWLRGARCDKTHTCPPCPAPELLGGPSVFLFPPKPK
DTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYGS
TYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQV
YTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVL
DSDGSFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGGG
GGSAPTSSSTKKTQLQLEHLLLDLQMILNGINNYKNPKLTRMLTFKFYMP
KKATELKHLQCLEEELKPLEEVLNLAQSKNFHLRPRMLISNINVIVLELK
GSETTFMCEYADETATIVEFLNRWITFAQSIISTLT

IgG1Fc(N297G_delK)::G4S::huIL-2(D84Q, C125A)

MDMRVPAQLLGLLLLWLRGARCDKTHTCPPCPAPELLGGPSVFLFPPKPK
DTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYGS
TYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQV
YTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVL
DSDGSFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGGG
GGSAPTSSSTKKTQLQLEHLLLDLQMILNGINNYKNPKLTRMLTFKFYMP
KKATELKHLQCLEEELKPLEEVLNLAQSKNFHLRPRQLISNINVIVLELK
GSETTFMCEYADETATIVEFLNRWITFAQSIISTLT

FIGURA 24K

IgG1Fc(N297G_delK)::G4S::huIL-2(D84R, C125A)

MDMRVPAQLLGLLLLWLRGARCDKTHTCPPCPAPELLGGPSVFLFPPKPK
 DTLMSIRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYGS
 TYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQV
 YTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVL
 DSDGSFFLYSKLTVDKSRWQQGNVFCFSVMHEALHNHYTQKSLSLSPGGG
GGSAPTSSSTKKTQLQLEHLLLDLQMILNGINNYKNPKLTRMLTFKFYMP
 KKATELKHLLQCLEEELKPLEEVLNLAQSKNFHLRPRRLISNINVIVLELK
 GSETTFMCEYADETATIVEFLNRWITFAQSIISTLT

IgG1Fc(N297G_delK)::G4S::huIL-2(D84S, C125A)

MDMRVPAQLLGLLLLWLRGARCDKTHTCPPCPAPELLGGPSVFLFPPKPK
 DTLMSIRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYGS
 TYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQV
 YTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVL
 DSDGSFFLYSKLTVDKSRWQQGNVFCFSVMHEALHNHYTQKSLSLSPGGG
GGSAPTSSSTKKTQLQLEHLLLDLQMILNGINNYKNPKLTRMLTFKFYMP
 KKATELKHLLQCLEEELKPLEEVLNLAQSKNFHLRPRSLISNINVIVLELK
 GSETTFMCEYADETATIVEFLNRWITFAQSIISTLT

IgG1Fc(N297G_delK)::G4S::huIL-2(D84T, C125A)

MDMRVPAQLLGLLLLWLRGARCDKTHTCPPCPAPELLGGPSVFLFPPKPK
 DTLMSIRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYGS
 TYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQV
 YTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVL
 DSDGSFFLYSKLTVDKSRWQQGNVFCFSVMHEALHNHYTQKSLSLSPGGG
GGSAPTSSSTKKTQLQLEHLLLDLQMILNGINNYKNPKLTRMLTFKFYMP
 KKATELKHLLQCLEEELKPLEEVLNLAQSKNFHLRPRTLISNINVIVLELK
 GSETTFMCEYADETATIVEFLNRWITFAQSIISTLT

IgG1Fc(N297G_delK)::G4S::huIL-2(S87R, C125A)

MDMRVPAQLLGLLLLWLRGARCDKTHTCPPCPAPELLGGPSVFLFPPKPK
 DTLMSIRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYGS
 TYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQV
 YTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVL
 DSDGSFFLYSKLTVDKSRWQQGNVFCFSVMHEALHNHYTQKSLSLSPGGG
GGSAPTSSSTKKTQLQLEHLLLDLQMILNGINNYKNPKLTRMLTFKFYMP
 KKATELKHLLQCLEEELKPLEEVLNLAQSKNFHLRPRDLIRNINVIVLELK
 GSETTFMCEYADETATIVEFLNRWITFAQSIISTLT

FIGURA 24L

IgG1Fc(N297G_delK)::G4S::hulL-2(N88A, C125A)

MDMRVPAQLLGLLLLWLRGARCDKTHTCPPCPAPELLGGPSVFLFPPKPK
DTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYGS
TYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQV
YTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPV
LDSGDSFFLYSKLTVDKSRWQQGNVFCFSVMHEALHNHYTQKSLSLSPGGG
GGSAPTSSSTKKTQLQLEHLLLDLQMILNGINNYKNPKLTRMLTFKFYMP
KKATELKHLQCLEEELKPLEEVLNLAQSKNFHLRPRDLISAINVIVLELK
GSETTFMCEYADETATIVEFLNRWITFAQSIISTLT

IgG1Fc(N297G_delK)::G4S::hulL-2(N88E, C125A)

MDMRVPAQLLGLLLLWLRGARCDKTHTCPPCPAPELLGGPSVFLFPPKPK
DTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYGS
TYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQV
YTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPV
LDSGDSFFLYSKLTVDKSRWQQGNVFCFSVMHEALHNHYTQKSLSLSPGGG
GGSAPTSSSTKKTQLQLEHLLLDLQMILNGINNYKNPKLTRMLTFKFYMP
KKATELKHLQCLEEELKPLEEVLNLAQSKNFHLRPRDLISEINVIVLELK
GSETTFMCEYADETATIVEFLNRWITFAQSIISTLT

IgG1Fc(N297G_delK)::G4S::hulL-2(N88F, C125A)

MDMRVPAQLLGLLLLWLRGARCDKTHTCPPCPAPELLGGPSVFLFPPKPK
DTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYGS
TYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQV
YTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPV
LDSGDSFFLYSKLTVDKSRWQQGNVFCFSVMHEALHNHYTQKSLSLSPGGG
GGSAPTSSSTKKTQLQLEHLLLDLQMILNGINNYKNPKLTRMLTFKFYMP
KKATELKHLQCLEEELKPLEEVLNLAQSKNFHLRPRDLISFINVIVLELK
GSETTFMCEYADETATIVEFLNRWITFAQSIISTLT

IgG1Fc(N297G_delK)::G4S::hulL-2(N88G, C125A)

MDMRVPAQLLGLLLLWLRGARCDKTHTCPPCPAPELLGGPSVFLFPPKPK
DTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYGS
TYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQV
YTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPV
LDSGDSFFLYSKLTVDKSRWQQGNVFCFSVMHEALHNHYTQKSLSLSPGGG
GGSAPTSSSTKKTQLQLEHLLLDLQMILNGINNYKNPKLTRMLTFKFYMP
KKATELKHLQCLEEELKPLEEVLNLAQSKNFHLRPRDLISGINVIVLELK
GSETTFMCEYADETATIVEFLNRWITFAQSIISTLT

FIGURA 24M

IgG1Fc(N297G_delK)::G4S::hulL-2(N88M, C125A)

MDMRVPAQLLGLLLLWLRGARCDKTHTCPPCPAPELLGGPSVFLFPPKPK
DTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYGS
TYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQV
YTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPVL
DSDGSFFLYSKLTVDKSRWQQGNVFCFSVMHEALHNHYTQKSLSLSPGGG
GG*SAPTSSSTKKTQLQLEHLLDLQMILNGINNYKNPKLTRMLTFKFYMP*
KKATELKHLCLEELKPLEEVLNLAQSKNFHLRPRDLISMINVIVLELK
GSETTFMCEYADETATIVEFLNRWITFAQSIISTLT

IgG1Fc(N297G_delK)::G4S::hulL-2(N88S, C125A)

MDMRVPAQLLGLLLLWLRGARCDKTHTCPPCPAPELLGGPSVFLFPPKPK
DTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYGS
TYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQV
YTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPVL
DSDGSFFLYSKLTVDKSRWQQGNVFCFSVMHEALHNHYTQKSLSLSPGGG
GG*SAPTSSSTKKTQLQLEHLLDLQMILNGINNYKNPKLTRMLTFKFYMP*
KKATELKHLCLEELKPLEEVLNLAQSKNFHLRPRDLISSINVIVLELK
GSETTFMCEYADETATIVEFLNRWITFAQSIISTLT

IgG1Fc(N297G_delK)::G4S::hulL-2(N88V, C125A)

MDMRVPAQLLGLLLLWLRGARCDKTHTCPPCPAPELLGGPSVFLFPPKPK
DTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYGS
TYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQV
YTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPVL
DSDGSFFLYSKLTVDKSRWQQGNVFCFSVMHEALHNHYTQKSLSLSPGGG
GG*SAPTSSSTKKTQLQLEHLLDLQMILNGINNYKNPKLTRMLTFKFYMP*
KKATELKHLCLEELKPLEEVLNLAQSKNFHLRPRDLISVINVIVLELK
GSETTFMCEYADETATIVEFLNRWITFAQSIISTLT

IgG1Fc(N297G_delK)::G4S::hulL-2(N88W, C125A)

MDMRVPAQLLGLLLLWLRGARCDKTHTCPPCPAPELLGGPSVFLFPPKPK
DTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYGS
TYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQV
YTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPVL
DSDGSFFLYSKLTVDKSRWQQGNVFCFSVMHEALHNHYTQKSLSLSPGGG
GG*SAPTSSSTKKTQLQLEHLLDLQMILNGINNYKNPKLTRMLTFKFYMP*
KKATELKHLCLEELKPLEEVLNLAQSKNFHLRPRDLISWINVIVLELK
GSETTFMCEYADETATIVEFLNRWITFAQSIISTLT

FIGURA 24N

gG1Fc(N297G_delK)::G4S::huIL-2(V91D, C125A)

1DMRVPAQLLGLLLLWLRGARCDKTHTCPPCPAPELLGGPSVFLFPPKPK
 'TLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYGS
 YRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQV
 TLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVL
 'SDGSFFLYSKLTVDKSRWQQGNVFCFSVMHEALHNHYTQKSLSLSPGGG
GSAPTSSSTKKTQLQLEHLLLDLQMILNGINNYKNPKLTRMLTFKFYMP
 KATELKHLQCLEEELKPLEEVLNLAQSKNFHLRPRDLISNINDIVLELK
 iSETTFMCEYADETATIVEFLNRWITFAQSIISTLT

gG1Fc(N297G_delK)::G4S::huIL-2(V91E, C125A)

1DMRVPAQLLGLLLLWLRGARCDKTHTCPPCPAPELLGGPSVFLFPPKPK
 'TLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYGS
 YRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQV
 TLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVL
 'SDGSFFLYSKLTVDKSRWQQGNVFCFSVMHEALHNHYTQKSLSLSPGGG
GSAPTSSSTKKTQLQLEHLLLDLQMILNGINNYKNPKLTRMLTFKFYMP
 KATELKHLQCLEEELKPLEEVLNLAQSKNFHLRPRDLISNINEIVLELK
 iSETTFMCEYADETATIVEFLNRWITFAQSIISTLT

gG1Fc(N297G_delK)::G4S::huIL-2(V91G, C125A)

1DMRVPAQLLGLLLLWLRGARCDKTHTCPPCPAPELLGGPSVFLFPPKPK
 'TLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYGS
 YRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQV
 TLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVL
 'SDGSFFLYSKLTVDKSRWQQGNVFCFSVMHEALHNHYTQKSLSLSPGGG
GSAPTSSSTKKTQLQLEHLLLDLQMILNGINNYKNPKLTRMLTFKFYMP
 KATELKHLQCLEEELKPLEEVLNLAQSKNFHLRPRDLISNINGIVLELK
 iSETTFMCEYADETATIVEFLNRWITFAQSIISTLT

gG1Fc(N297G_delK)::G4S::huIL-2(V91S, C125A)

1DMRVPAQLLGLLLLWLRGARCDKTHTCPPCPAPELLGGPSVFLFPPKPK
 'TLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYGS
 YRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQV
 TLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVL
 'SDGSFFLYSKLTVDKSRWQQGNVFCFSVMHEALHNHYTQKSLSLSPGGG
GSAPTSSSTKKTQLQLEHLLLDLQMILNGINNYKNPKLTRMLTFKFYMP
 KATELKHLQCLEEELKPLEEVLNLAQSKNFHLRPRDLISNINSIVLELK
 iSETTFMCEYADETATIVEFLNRWITFAQSIISTLT

FIGURA 240

IgG1Fc(N297G_delK)::G4S::hull-2(I92K, C125A)

MDMRVPAQLLGLLLLWLRGARCDKTHTCPPCPAPPELLGGPSVFLFPPKPK
DTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYGS
TYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQV
YTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPV
DSDGSFFLYSKLTVDKSRWQQGNVFCSCVMHEALHNHYTQKSLSLSPGGG
GG*SAPTSSSTKKTQLQLEHLLLDLQMILNGINNYKNPKLTRMLTFKFYMP*
KKATELKHLLQCLEEELKPLEEVLNLAQSKNFHLRPRDLISNINVKVLELK
GSETTFMCEYADETATIVEFLNRWITFAQSIISTLT

IgG1Fc(N297G_delK)::G4S::hull-2(I92R, C125A)

MDMRVPAQLLGLLLLWLRGARCDKTHTCPPCPAPPELLGGPSVFLFPPKPK
DTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYGS
TYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQV
YTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPV
DSDGSFFLYSKLTVDKSRWQQGNVFCSCVMHEALHNHYTQKSLSLSPGGG
GG*SAPTSSSTKKTQLQLEHLLLDLQMILNGINNYKNPKLTRMLTFKFYMP*
KKATELKHLLQCLEEELKPLEEVLNLAQSKNFHLRPRDLISNINVRVLELK
GSETTFMCEYADETATIVEFLNRWITFAQSIISTLT

IgG1Fc(N297G_delK)::G4S::hull-2(E95G, C125A)

MDMRVPAQLLGLLLLWLRGARCDKTHTCPPCPAPPELLGGPSVFLFPPKPK
DTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYGS
TYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQV
YTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPV
DSDGSFFLYSKLTVDKSRWQQGNVFCSCVMHEALHNHYTQKSLSLSPGGG
GG*SAPTSSSTKKTQLQLEHLLLDLQMILNGINNYKNPKLTRMLTFKFYMP*
KKATELKHLLQCLEEELKPLEEVLNLAQSKNFHLRPRDLISNINVIVLGLK
GSETTFMCEYADETATIVEFLNRWITFAQSIISTLT

FIGURA 24P

Fc(N297G_delK)::G4S::IL-2(L12G, C125A)

```

atggacatgagagtgcctgcacagctgctgggcctgctgctgctgtggct
gagaggcgccagatgcgacaaaactcacacatgcccaccgtgcccagcac
ctgaactcctggggggaccgtcagtccttccctcttccccccaaaacccaag
gacaccctcatgatctcccggaaccctgaggtcacatgctggtggtgga
cgtgagccacgaagaccctgaggtcaagttcaactggtacgtggacggcg
tggaggtgcataatgccaaagacaaagccgcgaggagcagtagcggcagc
acgtaccgtgtggtcagcgtcctcacccgtcctgcaccaggactggctgaa
tggcaaggagtacaagtgaaggtctccaacaaagccctcccagcccca
tcgagaaaaccatctccaaagccaaagggcagccccgagaaccacaggtg
tacaccctgcccccatcccgaggagatgaccaagaaccaggtcagcct
gacctgcctggtcaaaggcttctatcccagcgacatcgccgtggagtggg
agagcaatgggcagccggagaacaactacaagaccacgcctcccgtgctg
gactccgacggctccttcttccctctatagcaagctcacccgtggacaagag
caggtggcagcaggggaacgtcttctcatgctccgtgatgcatgaggctc
tgcacaaccactacacgcagaagagcctctccctgtctccgggtggaggt
ggtggaagcgctccaacttccctcctccactaagaagactcaaGGGcaatt
ggagcacttggtgttggtgacttgcaaatagatcttgaaatggtatcaataatt
acaagaatccaaagttgactcggatgttgacttttaagttttacatgccaa
aagaaggctactgagttgaagcacttgcaatgtttggaggaggaggtgaa
gccattggaggaggttttgaatttggtcctcaatccaagaattttcacttgc
ggccacgggacttgatctccaatatcaatgtgatcgttttggagttgaag
ggttccgagactacttttatgtgtgagtagcgtgacgagactgctactat
cgttgagtttttgaatcggtggatcacttttgcctcaatccatcatctcca
ctttgact

```

IgG1Fc(N297G_delK)::G4S::huIL-2(L12K, C125A)

```

atggacatgagagtgcctgcacagctgctgggcctgctgctgctgtggct
gagaggcgccagatgcgacaaaactcacacatgcccaccgtgcccagcac
ctgaactcctggggggaccgtcagtccttccctcttccccccaaaacccaag
gacaccctcatgatctcccggaaccctgaggtcacatgctggtggtgga
cgtgagccacgaagaccctgaggtcaagttcaactggtacgtggacggcg
tggaggtgcataatgccaaagacaaagccgcgaggagcagtagcggcagc
acgtaccgtgtggtcagcgtcctcacccgtcctgcaccaggactggctgaa
tggcaaggagtacaagtgaaggtctccaacaaagccctcccagcccca
tcgagaaaaccatctccaaagccaaagggcagccccgagaaccacaggtg
tacaccctgcccccatcccgaggagatgaccaagaaccaggtcagcct
gacctgcctggtcaaaggcttctatcccagcgacatcgccgtggagtggg
agagcaatgggcagccggagaacaactacaagaccacgcctcccgtgctg
gactccgacggctccttcttccctctatagcaagctcacccgtggacaagag
caggtggcagcaggggaacgtcttctcatgctccgtgatgcatgaggctc
tgcacaaccactacacgcagaagagcctctccctgtctccgggtggaggt
ggtggaagcgctccaacttccctcctccactaagaagactcaaAAGcaatt

```

FIGURA 25A

ggagcacttggttggttgacttgcaaatgatcttgaaatgggtatcaataatt
 acaagaatccaaagttgactcggatggttgacttttaagttttacatgcc
 aagaaggctactgagttgaagcacttgcaatggttgaggaggaggttgaa
 gccattggaggaggttttgaaatttggtcctcaatccaagaattttcacttgc
 ggccacgggacttgatctccaatatcaatgtgatcggttttgaggttgaa
 ggttccgagactacttttatgtgtgagtacgctgacgagactgctactat
 cggttgagtttttgaaatcggtggatcacttttgctcaatccatcatctcca
 ctttgact

IgG1Fc(N297G_delK)::G4S::hulL-2(L12Q, C125A)

atggacatgagagtgccctgcacagctgctgggcctgctgctgctgtggct
 gagaggcgccagatgcgacaaaactcacacatgcccaccgtgcccagcac
 ctgaactcctggggggaccgtcagttcttctcttccccccaaaacccaag
 gacaccctcatgatctcccggacccctgaggtcacatgcgtggtggtgga
 cgtgagccacgaagaccctgaggtcaagttcaactgggtacgtggacggcg
 tggaggtgcataatgccaaagacaaagccgcgaggagcagtagcggcagc
 acgtaccgtgtggtcagcgtcctcaccgtcctgcaccaggactggctgaa
 tggcaaggagtacaagtgcagggtctccaacaaagccctcccagcccca
 tcgagaaaaccatctccaaagccaaaggcgagcccgagaaccacaggtg
 tacaccctgcccccatcccgggaggagatgaccaagaaccaggtcagcct
 gacctgcctggtcaaaggcttctatcccagcgacatcgccgtggagtggg
 agagcaatgggcagccggagaaactacaagaccacgcctcccgtgctg
 gactccgacggctccttcttctctatagcaagctcaccgtggacaagag
 caggtggcagcaggggaacgtcttctcatgctccgtgatgcatgaggctc
 tgcacaaccactacacgcagaagagccctctccctgtctccgggtggaggt
 ggtggaagcgctccaacttctcctccactaagaagactcaaCAGcaatt
 ggagcacttggttggttgacttgcaaatgatcttgaaatgggtatcaataatt
 acaagaatccaaagttgactcggatggttgacttttaagttttacatgcc
 aagaaggctactgagttgaagcacttgcaatggttgaggaggaggttgaa
 gccattggaggaggttttgaaatttggtcctcaatccaagaattttcacttgc
 ggccacgggacttgatctccaatatcaatgtgatcggttttgaggttgaa
 ggttccgagactacttttatgtgtgagtacgctgacgagactgctactat
 cggttgagtttttgaaatcggtggatcacttttgctcaatccatcatctcca
 ctttgact

IgG1Fc(N297G_delK)::G4S::hulL-2(L12S, C125A)

atggacatgagagtgccctgcacagctgctgggcctgctgctgctgtggct
 gagaggcgccagatgcgacaaaactcacacatgcccaccgtgcccagcac
 ctgaactcctggggggaccgtcagttcttctcttccccccaaaacccaag
 gacaccctcatgatctcccggacccctgaggtcacatgcgtggtggtgga
 cgtgagccacgaagaccctgaggtcaagttcaactgggtacgtggacggcg
 tggaggtgcataatgccaaagacaaagccgcgaggagcagtagcggcagc

FIGURA 25B

acgtaccggtgtgggtcagcgtcctcaccggtcctgcaccaggactggctgaa
 tggcaaggagtagacaagtgcagggtctccaacaaagccctcccagcccca
 tcgagaaaaccatctccaaagccaaagggcagcccccagagaaccacaggtg
 tacaccctgcccccatcccgggaggagatgaccaagaaccagggtcagcct
 gacctgcctgggtcaaaggcttctatcccagcgacatcgccgtggagtggg
 agagcaatgggcagccggagaacaactacaagaccacgcctcccgtgctg
 gactccgacgggtccttcttctctatagcaagctcaccgtggacaagag
 caggtggcagcaggggaacgtcttctcatgctccgtgatgcatgaggctc
 tgcacaaccactacacgcagaagagcctctccctgtctccgggtggaggt
 ggtggaagcgctccaacttccctccactaagaagactcaaTCGcaatt
 ggagcacttggttggttgacttgcaaatgatcttgaatggtatcaataatt
 acaagaatccaaagttgactcggatggttgacttttaagttttacatgcc
 aagaaggctactgagttgaagcacttgcaatggttggaggaggagttgaa
 gccattggaggagggttttgaatttgggtcaatccaagaattttcacttgc
 ggccacgggacttgatctccaatatcaatgtgatcggttttggagttgaag
 ggttccgagactacttttatgtgtgagtacgctgacgagactgctactat
 cggttgagtttttgaatcggtggatcacttttgcataatccatcatctcca
 ctttgact

IgG1Fc(N297G_delK)::G4S::hull-2(Q13G, C125A)

atggacatgagagtgccctgcacagctgctgggcctgctgctgctgtggct
 gagaggcgccagatgcgacaaaactcacacatgcccaccgtgcccagcac
 ctgaactcctggggggaccgtcagttcttctcttccccccaaaacccaag
 gacaccctcatgatctcccggaccctgaggtcacatgcgtgggtgggga
 cgtgagccacgaagaccctgaggtcaagttcaactggtagctggacggcg
 tggaggtgcataatgccaaagacaaagccgaggaggagcagtagcgcagc
 acgtaccggtgtgggtcagcgtcctcaccggtcctgcaccaggactggctgaa
 tggcaaggagtagacaagtgcagggtctccaacaaagccctcccagcccca
 tcgagaaaaccatctccaaagccaaagggcagcccccagagaaccacaggtg
 tacaccctgcccccatcccgggaggagatgaccaagaaccagggtcagcct
 gacctgcctgggtcaaaggcttctatcccagcgacatcgccgtggagtggg
 agagcaatgggcagccggagaacaactacaagaccacgcctcccgtgctg
 gactccgacgggtccttcttctctatagcaagctcaccgtggacaagag
 caggtggcagcaggggaacgtcttctcatgctccgtgatgcatgaggctc
 tgcacaaccactacacgcagaagagcctctccctgtctccgggtggaggt
 ggtggaagcgctccaacttccctccactaagaagactcaattgGGAtt
 ggagcacttggttggttgacttgcaaatgatcttgaatggtatcaataatt
 acaagaatccaaagttgactcggatggttgacttttaagttttacatgcc
 aagaaggctactgagttgaagcacttgcaatggttggaggaggagttgaa
 gccattggaggagggttttgaatttgggtcaatccaagaattttcacttgc
 ggccacgggacttgatctccaatatcaatgtgatcggttttggagttgaag
 ggttccgagactacttttatgtgtgagtacgctgacgagactgctactat
 cggttgagtttttgaatcggtggatcacttttgcataatccatcatctcca
 ctttgact

FIGURA 25C

IgG1Fc(N297G_delK)::G4S::hulL-2(E15A, C125A)

atggacatgagagtgcctgcacagctgctgggcctgctgctgctgtggct
gagaggcgccagatgcgacaaaactcacacatgcccaccgtgcccagcac
ctgaactcctggggggaccgtcagttcttctcttccccccaaaacccaag
gacaccctcatgatctcccggacccctgaggtcacatgcgtgggtggga
cgtgagccacgaagaccctgaggtcaagttcaactggtaactggacggcg
tggaggtgcataatgccaagacaaagccgcgggaggagcagtacggcagc
acgtaccgtgtggtcagcgtcctcacccgtcctgcaccaggactggctgaa
tggcaaggagtagaagtgcaaggtctccaacaaagccctcccagccccca
tcgagaaaaccatctccaaagccaaagggcagccccgagaaccacaggtg
tacaccctgcccccatcccgggaggagatgaccaagaaccaggtcagcct
gacctgcctgggtcaaaggcttctatcccagcgacatcgccgtggagtggg
agagcaatgggcagccggagagaacaactacaagaccacgcctcccgtgctg
gactccgacggctccttcttctctatagcaagctcacccgtggacaagag
caggtggcagcaggggaacgtcttctcatgctccgtgatgcatgaggctc
tgcacaaccactacacgcagaagagccctctccctgtctccgggtggaggt
ggtggaagcgctccaacttctcctccactaagaagactcaattgcaatt
gGCGcacttggttggttgacttgcaaatgatcttgatgggtatcaataatt
acaagaatccaaagttgactcggatggtgacttttaagtttacatgccaa
aagaaggctactgagttgaagcacttgcaatggttgaggaggaggttgaa
gccattggaggaggttttgaaatttggtcgaatccaagaattttcacttgc
ggccacgggacttgatctccaatatcaatgtgatcggttttgaggtgaa
ggttccgagactacttttatgtgtgagtacgctgacgagactgctactat
cggtgagtttttgaaatcggtggatcacttttgctcaatccatcatctcca
ctttgact

IgG1Fc(N297G_delK)::G4S::hulL-2(E15G, C125A)

atggacatgagagtgcctgcacagctgctgggcctgctgctgctgtggct
gagaggcgccagatgcgacaaaactcacacatgcccaccgtgcccagcac
ctgaactcctggggggaccgtcagttcttctcttccccccaaaacccaag
gacaccctcatgatctcccggacccctgaggtcacatgcgtgggtggga
cgtgagccacgaagaccctgaggtcaagttcaactggtaactggacggcg
tggaggtgcataatgccaagacaaagccgcgggaggagcagtacggcagc
acgtaccgtgtggtcagcgtcctcacccgtcctgcaccaggactggctgaa
tggcaaggagtagaagtgcaaggtctccaacaaagccctcccagccccca
tcgagaaaaccatctccaaagccaaagggcagccccgagaaccacaggtg
tacaccctgcccccatcccgggaggagatgaccaagaaccaggtcagcct
gacctgcctgggtcaaaggcttctatcccagcgacatcgccgtggagtggg
agagcaatgggcagccggagagaacaactacaagaccacgcctcccgtgctg
gactccgacggctccttcttctctatagcaagctcacccgtggacaagag
caggtggcagcaggggaacgtcttctcatgctccgtgatgcatgaggctc
tgcacaaccactacacgcagaagagccctctccctgtctccgggtggaggt
ggtggaagcgctccaacttctcctccactaagaagactcaattgcaatt
gGGGcacttggttggttgacttgcaaatgatcttgatgggtatcaataatt

FIGURA 25D

acaagaatccaaagttgactcggatgttgactttttaagttttacatgccaa
aagaaggctactgagttgaagcacttgcaatgtttggaggaggagttgaa
gccattggaggagggttttgaattttgggtcaatccaagaattttcacttgc
ggccacgggacttgatctccaatatcaatgtgatcgttttggagttgaag
ggttccgagactacttttatgtgtgagtacgctgacgagactgctactat
cgttgagtttttgaatcgggtggatcactttttgctcaatccatcatctcca
ctttgact

IgG1Fc(N297G_delK)::G4S::hull-2(E15S, C125A)

atggacatgagagtgccctgcacagctgctgggcctgctgctgctgtggct
gagaggcgccagatgcgacaaaactcacacatgcccaccgtgcccagcac
ctgaactcctgggggggaccgtcagtccttctcttccccccaaaaacccaag
gacaccctcatgatctcccggaccctgaggtcacatgctgtggtggtgga
cgtgagccacgaagaccctgaggtcaagttcaactggtacgtggacggcg
tggaggtgcataatgccaagacaaaagccgcgggaggagcagtagcggcagc
acgtaccgtgtggtcagcgtcctcaccgtcctgcaccaggactggctgaa
tggcaaggagtagaagtgcaaggtctccaacaaaagccctcccagccccca
tcgagaaaaccatctccaaagccaaagggcagccccgagaaccacaggtg
tacaccctgcccccatcccgggaggagatgaccaagaaccaggtcagcct
gacctgcctggtcaaaggcttctatcccagcgacatcgccgtggagtggtg
agagcaatgggagcgggagagaacaaactacaagaccacgcctcccgtgctg
gactccgacgggtccttcttctctctatagcaagctcaccgtggacaagag
caggtggcagcaggggaacgtccttctcatgctccgtgatgcatgaggctc
tgcacaaccactacacgcagaagagcctctccctgtctccgggtggaggt
ggtggaagcgctccaacttctcctccactaagaagactcaattgcaatt
gTCGcacttggtgttggtgacttgcaaatgatcttgaatggtatcaataatt
acaagaatccaaagttgactcggatgttgactttttaagttttacatgccaa
aagaaggctactgagttgaagcacttgcaatgtttggaggaggagttgaa
gccattggaggagggttttgaattttgggtcaatccaagaattttcacttgc
ggccacgggacttgatctccaatatcaatgtgatcgttttggagttgaag
ggttccgagactacttttatgtgtgagtacgctgacgagactgctactat
cgttgagtttttgaatcgggtggatcactttttgctcaatccatcatctcca
ctttgact

IgG1Fc(N297G_delK)::G4S::hull-2(H16A, C125A)

atggacatgagagtgccctgcacagctgctgggcctgctgctgctgtggct
gagaggcgccagatgcgacaaaactcacacatgcccaccgtgcccagcac
ctgaactcctgggggggaccgtcagtccttctcttccccccaaaaacccaag
gacaccctcatgatctcccggaccctgaggtcacatgctgtggtggtgga
cgtgagccacgaagaccctgaggtcaagttcaactggtacgtggacggcg
tggaggtgcataatgccaagacaaaagccgcgggaggagcagtagcggcagc
acgtaccgtgtggtcagcgtcctcaccgtcctgcaccaggactggctgaa

FIGURA 25E

tggcaaggaggtacaagtgcaaggtctccaacaaagccctcccagccccca
 tgcgagaaaaccatctccaaagccaaagggcagccccgagaaccacaggtg
 tacaccctgcccccatcccgggaggagatgaccaagaaccaggtcagcct
 gacctgcctggtcaaaggcttctatcccagcgacatcgccgtggagtgagg
 agagcaatgggcagccgggagaacaactacaagaccacgcctcccgtgctg
 gactccgacggctccttcttctctatagcaagctcaccgtggacaagag
 caggtggcagcaggggaacgtcttctcatgctccgtgatgcatgaggctc
 tgcacaaccactacacgcagaagagcctctccctgtctccgggtggaggt
 ggtggaagcgctccaacttctcctccactaagaagactcaattgcaatt
 ggagGCTtgttgttggacttgcaaattgatcttgaatggtatcaataatt
 acaagaatccaaagttgactcggatgttgacttttaagttttacatgcc
 aagaaggctactgagttgaagcacttgcaatgtttggaggaggagttgaa
 gccattggaggaggtttttgaattttggctcaatccaagaattttcacttgc
 ggccacgggacttgatctccaatatcaatgtgatcgttttggagttgaag
 ggttccgagactacttttatgtgtgagtacgctgacgagactgctactat
 cgttgagtttttgaatcggtggatcactttttgctcaatccatcatctcca
 ctttgact

IgG1Fc(N297G_delK)::G4S::hulL-2(H16D, C125A)

atggacatgagagtgccctgcacagctgctgggcctgctgctgctgtggct
 gagaggcgccagatgcgacaaaactcacacatgccaccgtgccagcac
 ctgaactcctggggggaccgtcagtccttctcttccccccaaaacccaag
 gacaccctcatgatctcccggacccctgaggtcacatgctgtggtgga
 cgtgagccacgaagaccctgaggtcaagttcaactggtacgtggacggcg
 tggaggtgcataatgccaagacaaagccgaggaggagcagtcaggcagc
 acgtaccgtgtggtcagcgtcctcaccgtcctgcaccaggactggctgaa
 tggcaaggaggtacaagtgcaaggtctccaacaaagccctcccagccccca
 tgcgagaaaaccatctccaaagccaaagggcagccccgagaaccacaggtg
 tacaccctgcccccatcccgggaggagatgaccaagaaccaggtcagcct
 gacctgcctggtcaaaggcttctatcccagcgacatcgccgtggagtgagg
 agagcaatgggcagccgggagaacaactacaagaccacgcctcccgtgctg
 gactccgacggctccttcttctctatagcaagctcaccgtggacaagag
 caggtggcagcaggggaacgtcttctcatgctccgtgatgcatgaggctc
 tgcacaaccactacacgcagaagagcctctccctgtctccgggtggaggt
 ggtggaagcgctccaacttctcctccactaagaagactcaattgcaatt
 ggagGACTtgttgttggacttgcaaattgatcttgaatggtatcaataatt
 acaagaatccaaagttgactcggatgttgacttttaagttttacatgcc
 aagaaggctactgagttgaagcacttgcaatgtttggaggaggagttgaa
 gccattggaggaggtttttgaattttggctcaatccaagaattttcacttgc
 ggccacgggacttgatctccaatatcaatgtgatcgttttggagttgaag
 ggttccgagactacttttatgtgtgagtacgctgacgagactgctactat
 cgttgagtttttgaatcggtggatcactttttgctcaatccatcatctcca
 ctttgact

FIGURA 25F

I
IgG1Fc(N297G_delK)::G4S::hulL-2(H16G, C125A)

```
atggacatgagagtgccctgcacagctgctgggcctgctgctgctgtggct
gagaggcgccagatgcgacaaaactcacacatgcccaccgtgcccagcac
ctgaactcctggggggaccgtcagtccttctcttccccccaaaacccaag
gacaccctcatgatctcccggaccctgaggtcacatgcgtgggtgggtgga
cgtgagccacgaagaccctgaggtcaagttcaactggtacgtggacggcg
tggaggtgcataatgccaagacaaagccgcgggaggagcagtacggcagc
acgtaccgtgtgggtcagcgtcctcacccgtcctgcaccaggactggctgaa
tggcaaggagtagaagtgcaaggtctccaacaaagccctcccagccccc
tcgagaaaaaccatctccaaagccaaagggcagccccgagaaccacaggtg
tacaccctgcccccatcccgggaggagatgaccaagaaccaggtcagcct
gacctgcctggtcaaaggcttctatcccagcgacatcgccgtggagtggg
agagcaatgggcagccggagaacaactacaagaccacgcctcccgtgctg
gactccgacggctccttcttctctctatagcaagctcacccgtggacaagag
caggtggcagcaggggaacgtcttctcatgctccgtgatgcatgaggctc
tgcacaaccactacacgcagaagagcctctccctgtctccgggtggaggt
ggtggaagcgctccaacttctctcctccactaagaagactcaattgcaatt
ggagGGCttgttgttggacttgcaaatgatcttgaatggtatcaataatt
acaagaatccaaagttgactcggatgttgacttttaagttttacatgcc
aagaaggctactgagttgaagcacttgcaatgtttggaggaggagttgaa
gccattggaggaggttttgaatttggtcfaatccaagaattttcacttgc
ggccacgggacttgatctccaatatcaatgtgatcgttttggagttgaag
ggttccgagactacttttatgtgtgagtacgctgacgagactgctactat
cgttgagtttttgaatcggtggatcacttttgcfaatccatcatctcca
ctttgact
```

IgG1Fc(N297G_delK)::G4S::hulL-2(H16K, C125A)

```
atggacatgagagtgccctgcacagctgctgggcctgctgctgctgtggct
gagaggcgccagatgcgacaaaactcacacatgcccaccgtgcccagcac
ctgaactcctggggggaccgtcagtccttctcttccccccaaaacccaag
gacaccctcatgatctcccggaccctgaggtcacatgcgtgggtgggtgga
cgtgagccacgaagaccctgaggtcaagttcaactggtacgtggacggcg
tggaggtgcataatgccaagacaaagccgcgggaggagcagtacggcagc
acgtaccgtgtgggtcagcgtcctcacccgtcctgcaccaggactggctgaa
tggcaaggagtagaagtgcaaggtctccaacaaagccctcccagccccc
tcgagaaaaaccatctccaaagccaaagggcagccccgagaaccacaggtg
tacaccctgcccccatcccgggaggagatgaccaagaaccaggtcagcct
gacctgcctggtcaaaggcttctatcccagcgacatcgccgtggagtggg
agagcaatgggcagccggagaacaactacaagaccacgcctcccgtgctg
gactccgacggctccttcttctctctatagcaagctcacccgtggacaagag
caggtggcagcaggggaacgtcttctcatgctccgtgatgcatgaggctc
tgcacaaccactacacgcagaagagcctctccctgtctccgggtggaggt
ggtggaagcgctccaacttctctcctccactaagaagactcaattgcaatt
ggagAAGttgttgttggacttgcaaatgatcttgaatggtatcaataatt
```

FIGURA 25G

I

acaagaatccaaagttgactcggatggtgactttttaagttttacatgccaa
 aagaaggctactgagttgaagcacttgcaatggttggaggaggagttgaa
 gccattggaggagggttttgaatttggctcaatccaagaattttcacttgc
 ggccacgggacttgatctccaatatcaatgtgatcggttttggagttgaag
 ggttccgagactacttttatgtgtgagtacgctgacgagactgctactat
 cgttgagtttttgaatcgggtggatcacttttgcataatccatcatctcca
 ctttgact

IgG1Fc(N297G_delK)::G4S::hulL-2(H16M, C125A)

atggacatgagagtgccctgcacagctgctgggcctgctgctgctgtggct
 gagaggcgccagatgcgacaaaactcacacatgccacccgtgccagcac
 ctgaactcctggggggaccgtcagtccttctcttccccccaaaacccaag
 gacaccctcatgatctcccggaaccctgaggtcacatgcgtgggtgggga
 cgtgagccacgaagaccctgaggtcaagttcaactggtagctggacggcg
 tggagggtgcataatgccaaagacaaagccgcgggaggagcagtagcggcagc
 acgtaccgtgtggtcagcgtcctcaccgtcctgcaccaggactggctgaa
 tggcaaggagtagaagtgcaaggtctccaacaaagccctcccagcccca
 tcgagaaaaccatctccaaagccaaagggcagccccgagaaccacaggtg
 tacaccctgcccccatcccgggaggagatgaccaagaaccaggtcagcct
 gacctgcctgggtcaaaggcttctatcccagcgacatcgccgtggagtgagg
 agagcaatgggcagccggagagaacaactacaagaccacgcctcccgtgctg
 gactccgacgggtccttcttctctatagcaagctcaccgtggacaagag
 caggtggcagcaggggaacgtcttctcatgctccgtgatgcatgaggtc
 tgcacaaccactacacgcagaagagcctctccctgtctccgggtggaggt
 ggtggaagcgtccaaacttccctccactaagaagactcaattgcaatt
 ggagATGttgttgttggacttgcaaatgatcttgaatggtagatcaataatt
 acaagaatccaaagttgactcggatggtgactttttaagttttacatgccaa
 aagaaggctactgagttgaagcacttgcaatggttggaggaggagttgaa
 gccattggaggagggttttgaatttggctcaatccaagaattttcacttgc
 ggccacgggacttgatctccaatatcaatgtgatcggttttggagttgaag
 ggttccgagactacttttatgtgtgagtacgctgacgagactgctactat
 cgttgagtttttgaatcgggtggatcacttttgcataatccatcatctcca
 ctttgact

IgG1Fc(N297G_delK)::G4S::hulL-2(H16N, C125A)

atggacatgagagtgccctgcacagctgctgggcctgctgctgctgtggct
 gagaggcgccagatgcgacaaaactcacacatgccacccgtgccagcac
 ctgaactcctggggggaccgtcagtccttctcttccccccaaaacccaag
 gacaccctcatgatctcccggaaccctgaggtcacatgcgtgggtgggga
 cgtgagccacgaagaccctgaggtcaagttcaactggtagctggacggcg
 tggagggtgcataatgccaaagacaaagccgcgggaggagcagtagcggcagc
 acgtaccgtgtggtcagcgtcctcaccgtcctgcaccaggactggctgaa

FIGURA 25H

tggcaaggaggtacaagtgcaagggtctccaacaaagccctcccagccccc
 tcgagaaaaaccatctccaaagccaaagggcagccccgagaaccacaggtg
 tacaccctgcccccatcccgggaggagatgaccaagaaccaggtcagcct
 gacctgcctgggtcaaaggcttctatcccagcgacatcgccgtggagtggg
 agagcaatgggcagccgggagaacaactacaagaccacgcctcccgtgctg
 gactccgacggctccttcttctctatagcaagctcaccggtggacaagag
 caggtggcagcaggggaacgtcttctcatgctccgtgatgcatgaggctc
 tgcacaaccactacacgcagaagagcctctccctgtctccgggtggaggt
 ggtggaagcgctccaacttcctcctccactaagaagactcaattgcaatt
 ggagAACTtgttgttggaacttgcaaatgatcttgaatgggtatcaataatt
 acaagaatccaaagttgactcggatgttgacttttaagttttacatgcc
 aagaaggctactgagttgaagcacttgcaatgtttggaggaggagttgaa
 gccattggaggaggttttgaatttggctcaatccaagaattttcacttgc
 ggccacgggacttgatctccaatatcaatgtgatcgttttggagttgaag
 ggttccgagactacttttatgtgtgagtacgctgacgagactgctactat
 cgttgagttttgaatcggtggatcacttttgctcaatccatcatctcca
 ctttgact

IgG1Fc(N297G_delK)::G4S::hulL-2(H16R, C125A)

atggacatgagagtgcctgcacagctgctgggcctgctgctgctgtggct
 gagaggcgccagatgcgacaaaactcacacatgcccaccgtgcccagcac
 ctgaactcctggggggaccgctcagtccttctcttccccccaaaacccaag
 gacaccctcatgatctcccggacccctgaggtcacatgcgtgggtgggga
 cgtgagccacgaagaccctgaggtcaagttcaactggtagctggacggcg
 tggaggtgcataatgccaagacaaagccgcgggaggagcagtagcggcagc
 acgtaccgtgtggtcagcgtcctcacggtcctgcaccaggactggctgaa
 tggcaaggaggtacaagtgcaagggtctccaacaaagccctcccagccccc
 tcgagaaaaaccatctccaaagccaaagggcagccccgagaaccacaggtg
 tacaccctgcccccatcccgggaggagatgaccaagaaccaggtcagcct
 gacctgcctgggtcaaaggcttctatcccagcgacatcgccgtggagtggg
 agagcaatgggcagccgggagaacaactacaagaccacgcctcccgtgctg
 gactccgacggctccttcttctctatagcaagctcaccggtggacaagag
 caggtggcagcaggggaacgtcttctcatgctccgtgatgcatgaggctc
 tgcacaaccactacacgcagaagagcctctccctgtctccgggtggaggt
 ggtggaagcgctccaacttcctcctccactaagaagactcaattgcaatt
 ggagCGCTtgttgttggaacttgcaaatgatcttgaatgggtatcaataatt
 acaagaatccaaagttgactcggatgttgacttttaagttttacatgcc
 aagaaggctactgagttgaagcacttgcaatgtttggaggaggagttgaa
 gccattggaggaggttttgaatttggctcaatccaagaattttcacttgc
 ggccacgggacttgatctccaatatcaatgtgatcgttttggagttgaag
 ggttccgagactacttttatgtgtgagtacgctgacgagactgctactat
 cgttgagttttgaatcggtggatcacttttgctcaatccatcatctcca
 ctttgact

FIGURA 25I

IgG1Fc(N297G_delK)::G4S::hulL-2(H16S, C125A)

atggacatgagagtgacctgcacagctgctgggacctgctgctgctgtggct
 gagaggcgccagatgcgacaaaactcacacatgcccaccgtgccagcac
 ctgaactcctgggggggaccgtcagtccttccctcttccccccaaaacccaag
 gacaccctcatgatctcccggacccttgaggtcacatgcgtgggtgggga
 cgtgagccacgaagaccctgaggtcaagttcaactggtacgtggacggcg
 tggaggtgcataatgccaagacaaagccgcgggaggagcagtacggcagc
 acgtaccgtgtgggtcagcgtcctcaccgtcctgcaccaggactgggtgaa
 tggcaaggagtagacaagtgcagggtctccaacaaagccctcccagcccca
 tcgagaaaaaccatctccaaagccaaagggcagccccgagaaccacagggtg
 tacaccctgcccccatcccgggaggagatgaccaagaaccagggtcagcct
 gacctgcctgggtcaaaggcttctatcccagcgacatcgccgtggagtggg
 agagcaatgggcagccggagaacaactacaagaccacgcctcccgtgctg
 gactccgacggctccttcttctctatagcaagctcaccgtggacaagag
 cagggtggcagcaggggaacgtcttctcatgctccgtgatgcatgaggctc
 tgcacaaccactacacgcagaagagcctctccctgtctccgggtggaggt
 ggtggaagcgctccaacttctcctccactaagaagactcaattgcaatt
 ggagAGCttgttggttgacttgcaaattgatcttgaatgggtatcaataatt
 acaagaatccaaagttgactcggatgttgacttttaagttttacatgcca
 aagaaggctactgagttgaagcacttgcaatgtttggaggaggagttgaa
 gccattggaggaggtttttgaattttggctcaatccaagaattttcacttgc
 ggccacgggacttgatctccaatatcaatgtgatcggttttggagttgaag
 ggttccgagactacttttatgtgtgagtacgctgacgagactgctactat
 cgttgagtttttgaatcgggtggatcacttttgcctcaatccatcatctcca
 ctttgact

IgG1Fc(N297G_delK)::G4S::hulL-2(H16T, C125A)

atggacatgagagtgacctgcacagctgctgggacctgctgctgctgtggct
 gagaggcgccagatgcgacaaaactcacacatgcccaccgtgccagcac
 ctgaactcctgggggggaccgtcagtccttccctcttccccccaaaacccaag
 gacaccctcatgatctcccggacccttgaggtcacatgcgtgggtgggga
 cgtgagccacgaagaccctgaggtcaagttcaactggtacgtggacggcg
 tggaggtgcataatgccaagacaaagccgcgggaggagcagtacggcagc
 acgtaccgtgtgggtcagcgtcctcaccgtcctgcaccaggactgggtgaa
 tggcaaggagtagacaagtgcagggtctccaacaaagccctcccagcccca
 tcgagaaaaaccatctccaaagccaaagggcagccccgagaaccacagggtg
 tacaccctgcccccatcccgggaggagatgaccaagaaccagggtcagcct
 gacctgcctgggtcaaaggcttctatcccagcgacatcgccgtggagtggg
 agagcaatgggcagccggagaacaactacaagaccacgcctcccgtgctg
 gactccgacggctccttcttctctatagcaagctcaccgtggacaagag
 cagggtggcagcaggggaacgtcttctcatgctccgtgatgcatgaggctc
 tgcacaaccactacacgcagaagagcctctccctgtctccgggtggaggt
 ggtggaagcgctccaacttctcctccactaagaagactcaattgcaatt
 ggagACCttgttggttgacttgcaaattgatcttgaatgggtatcaataatt

FIGURA 25J

acaagaatccaaagttgactcggatgttgactttttaagttttacatgccaa
aagaaggctactgagttgaagcacttgcaatgtttggaggaggagttgaa
gccattggaggagggttttgaatttggctcaatccaagaattttcacttgc
ggccacgggacttgatctccaatatcaatgtgatcgttttggagttgaag
ggttccgagactacttttatgtgtgagtagcgtgacgagactgctactat
cgttgagtttttgaatcgggtggatcacttttgctcaatccatcatctcca
ctttgact

IgG1Fc(N297G_delK)::G4S::hulL-2(H16V, C125A)

atggacatgagagtgccctgcacagctgctgggcctgctgctgctgtggct
gagaggcgccagatgcgacaaaactcacacatgcccaccgtgcccagcac
ctgaactcctggggggaccgtcagttcttctcttccccccaaaacccaag
gacaccctcatgatctcccggaaccctgaggtcacatgctgtggtggtgga
cgtgagccacgaagaccctgaggtcaagttcaactggtacgtggacggcg
tggaggtgcataatgccaaagacaaagccgaggaggagcagtagcggcagc
acgtaccgtgtggtcagcgtcctcaccgtcctgcaccaggactggctgaa
tggcaaggagtagacaagtgaaggtctccaacaaagccctcccagccccca
tcgagaaaaccatctccaaagccaaagggcagccccgagaaccacaggtg
tacaccctgcccccatcccgaggaggagatgaccaagaaccaggtcagcct
gacctgcctggtcaaaaggcttctatcccagcgacatcgccgtggagtgga
agagcaatgggacgcccggagaacaactacaagaccacgcctcccgtgctg
gactccgacggctccttcttctctatagcaagctcaccgtggacaagag
caggtggcagcaggggaacgtcttctcatgctccgtgatgcatgaggctc
tgcacaaccactacacgcagaagagcctctccctgtctccgggtggaggt
ggtggaagcgtcccaacttctcctccactaagaagactcaattgcaatt
ggagGTCTtggttggttgacttgcaaatgatcttgaatggtatcaataatt
acaagaatccaaagttgactcggatgttgactttttaagttttacatgccaa
aagaaggctactgagttgaagcacttgcaatgtttggaggaggagttgaa
gccattggaggagggttttgaatttggctcaatccaagaattttcacttgc
ggccacgggacttgatctccaatatcaatgtgatcgttttggagttgaag
ggttccgagactacttttatgtgtgagtagcgtgacgagactgctactat
cgttgagtttttgaatcgggtggatcacttttgctcaatccatcatctcca
ctttgact

IgG1Fc(N297G_delK)::G4S::hulL-2(H16Y, C125A)

atggacatgagagtgccctgcacagctgctgggcctgctgctgctgtggct
gagaggcgccagatgcgacaaaactcacacatgcccaccgtgcccagcac
ctgaactcctggggggaccgtcagttcttctcttccccccaaaacccaag
gacaccctcatgatctcccggaaccctgaggtcacatgctgtggtggtgga
cgtgagccacgaagaccctgaggtcaagttcaactggtacgtggacggcg
tggaggtgcataatgccaaagacaaagccgaggaggagcagtagcggcagc
acgtaccgtgtggtcagcgtcctcaccgtcctgcaccaggactggctgaa

FIGURA 25K

tggcaaggaggtacaagtgcaagggtctccaacaaagccctcccagcccca
 tcgagaaaaccatctccaaagccaaagggcagccccgagaaccacaggtg
 tacaccctgcccccatcccgggaggagatgaccaagaaccaggtcagcct
 gacctgcctggtcaaaggcttctatcccagcgacatcgccgtggagtggg
 agagcaatgggcagccggagaacaactacaagaccacgcctcccgtgctg
 gactccgacggctccttcttctctatagcaagctcacccgtggacaagag
 caggtggcagcaggggaacgtcttctcatgctccgtgatgcatgaggctc
 tgcacaaccactacacgcagaagagcctctccctgtctccgggtggaggt
 ggtggaagcgctccaacttctcctccactaagaagactcaattgcaatt
 ggagTACttgttgttggacttgcaaatgatcttgaatggtatcaataatt
 acaagaatccaaagttgactcggatggtgacttttaagttttacatgcc
 aagaaggctactgagttgaagcacttgcaatggttggaggaggagttgaa
 gccattggaggagggttttgaatttggctcaatccaagaattttcacttgc
 ggccacgggacttgatctccaatatcaatgtgatcgtttggagttgaag
 ggttccgagactacttttatgtgtgagtacgctgacgagactgctactat
 cgttgagttttgaatcgggtggatcacttttgcataatccatcatctcca
 ctttgact

IgG1Fc(N297G_delK)::G4S::hull-2(L19A, C125A)

atggacatgagagtgccctgcacagctgctgggcctgctgctgctgtggct
 gagaggcgccagatgcgacaaaactcacacatgcccaccgtgcccagcac
 ctgaactcctggggggaccgtcagtccttcttccccccaaaacccaag
 gacaccctcatgatctcccgacccctgaggtcacatgcgtggtggtgga
 cgtgagccacgaagaccctgaggtcaagttcaactggtacgtggacggcg
 tggaggtgcataatgccaaagacaaagccgcgggaggagcagtagcgagc
 acgtaccgtgtggtcagcgtcctcacccgtcctgcaccaggactggctgaa
 tggcaaggaggtacaagtgcaagggtctccaacaaagccctcccagcccca
 tcgagaaaaccatctccaaagccaaagggcagccccgagaaccacaggtg
 tacaccctgcccccatcccgggaggagatgaccaagaaccaggtcagcct
 gacctgcctggtcaaaggcttctatcccagcgacatcgccgtggagtggg
 agagcaatgggcagccggagaacaactacaagaccacgcctcccgtgctg
 gactccgacggctccttcttctctatagcaagctcacccgtggacaagag
 caggtggcagcaggggaacgtcttctcatgctccgtgatgcatgaggctc
 tgcacaaccactacacgcagaagagcctctccctgtctccgggtggaggt
 ggtggaagcgctccaacttctcctccactaagaagactcaattgcaatt
 ggagcacttggttgCGGacttgcaaatgatcttgaatggtatcaataatt
 acaagaatccaaagttgactcggatggtgacttttaagttttacatgcc
 aagaaggctactgagttgaagcacttgcaatggttggaggaggagttgaa
 gccattggaggagggttttgaatttggctcaatccaagaattttcacttgc
 ggccacgggacttgatctccaatatcaatgtgatcgtttggagttgaag
 ggttccgagactacttttatgtgtgagtacgctgacgagactgctactat
 cgttgagttttgaatcgggtggatcacttttgcataatccatcatctcca
 ctttgact

FIGURA 25L

IgG1Fc(N297G_delK)::G4S::hulL-2(L19D, C125A)

atggacatgagagtgcctgcacagctgctgggcctgctgctgctgtggct
gagagggcgccagatgcgacaaaactcacacatgcccaccgtgcccagcac
ctgaactcctggggggaccgtcagtccttctcttccccccaaaacccaag
gacaccctcatgatctcccggacccctgaggtcacatgcgtggtggtgga
cgtgagccacgaagaccctgaggtcaagttcaactggtacgtggacggcg
tggaggtgcataatgccaagacaaaagccgcgaggagcagtacggcagc
acgtaccgtgtggtcagcgtcctcaccgtcctgcaccaggactggctgaa
tggcaaggaggtacaagtgcagggtctccaacaaagccctcccagcccca
tcgagaaaaccatctccaaagccaaagggcagccccgagaaccacaggtg
tacaccctgcccccatcccgggaggagatgaccaagaaccaggtcagcct
gacctgcctgggtcaaaggcttctatcccagcgcacatcgccgtggagtggg
agagcaatgggcagccggagaacaactacaagaccacgcctcccgtgctg
gactccgacggctccttcttctctatagcaagctcaccgtggacaagag
caggtggcagcaggggaacgtcttctcatgctccgtgatgcatgaggctc
tgcacaaccactacacgcagaagagcctctccctgtctccgggtggaggt
ggtggaagcgctccaacttctcctccactaagaagactcaattgcaatt
ggagcacttggttgATgacttgcaaatgatcttgaaatggatatcaataatt
acaagaatccaaagttgactcggatggtgacttttaagttttacatgccaa
aagaaggctactgagttgaagcacttgcaatggttgaggaggaggtgaa
gccattggaggaggttttgaaatttggtcaatccaagaattttcacttgc
ggccacgggacttgatctccaatatcaatgtgatcgttttgaggttgaa
ggttcogagactacttttatgtgtgagtacgctgacgagactgctactat
cgttgagttttgaaatcggtggatcacttttgctcaatccatcatctcca
ctttgact

IgG1Fc(N297G_delK)::G4S::hulL-2(L19E, C125A)

atggacatgagagtgcctgcacagctgctgggcctgctgctgctgtggct
gagagggcgccagatgcgacaaaactcacacatgcccaccgtgcccagcac
ctgaactcctggggggaccgtcagtccttctcttccccccaaaacccaag
gacaccctcatgatctcccggacccctgaggtcacatgcgtggtggtgga
cgtgagccacgaagaccctgaggtcaagttcaactggtacgtggacggcg
tggaggtgcataatgccaagacaaaagccgcgaggagcagtacggcagc
acgtaccgtgtggtcagcgtcctcaccgtcctgcaccaggactggctgaa
tggcaaggaggtacaagtgcagggtctccaacaaagccctcccagcccca
tcgagaaaaccatctccaaagccaaagggcagccccgagaaccacaggtg
tacaccctgcccccatcccgggaggagatgaccaagaaccaggtcagcct
gacctgcctgggtcaaaggcttctatcccagcgcacatcgccgtggagtggg
agagcaatgggcagccggagaacaactacaagaccacgcctcccgtgctg
gactccgacggctccttcttctctatagcaagctcaccgtggacaagag
caggtggcagcaggggaacgtcttctcatgctccgtgatgcatgaggctc
tgcacaaccactacacgcagaagagcctctccctgtctccgggtggaggt
ggtggaagcgctccaacttctcctccactaagaagactcaattgcaatt
ggagcacttggttgAGgacttgcaaatgatcttgaaatggatatcaataatt

FIGURA 25M

acaagaatccaaagttgactcggatggtgacttttaagttttacatgccaa
 aagaaggctactgagttgaagcacttgcaatggttgaggaggagttgaa
 gccattggaggagggttttgaatttggtcgaatccaagaattttcacttgc
 ggccacgggacttgatctccaatatcaatgtgatcgttttggagttgaag
 ggttccgagactacttttatgtgtgagtagcgctgacgagactgctactat
 cgttgagtttttgaatcgggtggatcacttttgctcaatccatcatctcca
 ctttgact

IgG1Fc(N297G_delK)::G4S::hulL-2(L19G, C125A)

atggacatgagagtgccctgcacagctgctgggcctgctgctgctgtggct
 gagaggcgccagatgcgacaaaactcacacatgccaccgtgccagcac
 ctgaactcctggggggaccgtcagtccttcctcttccccccaaaacccaag
 gacaccctcatgatctcccggaaccctgaggtcacatgcgtggtggtgga
 cgtgagccacgaagaccctgaggtcaagttcaactggtagctggacggcg
 tggaggtgcataatgccaaagacaaagccgcgggaggagcagtagcggcagc
 acgtaccgtgtggtcagcgtcctcaccgtcctgcaccaggactggctgaa
 tggcaaggagtacaagtgaaggtctccaacaaagccctcccagcccca
 tcgagaaaaccatctccaaagccaaagggcagccccgagaaccacaggtg
 tacaccctgcccccatccccgggaggagatgaccaagaaccaggtcagcct
 gacctgcctgggtcaaaggcttctatcccagcgacatcgccgtggagtgga
 agagcaatgggcagccgggagaacaactacaagaccacgcctcccgtgctg
 gactccgacggctccttcttcctctatagcaagctcaccgtggacaagag
 caggtggcagcaggggaacgtcttctcatgctccgtgatgcatgaggctc
 tgcacaaccactacacgcagaagagcctctccctgtctccgggtggaggt
 ggtggaagcgtccaaacttccctccctccactaagaagactcaattgcaatt
 ggagcacttggttgGGGgacttgcaaatgatcttgaatggtatcaataatt
 acaagaatccaaagttgactcggatggtgacttttaagttttacatgccaa
 aagaaggctactgagttgaagcacttgcaatggttgaggaggagttgaa
 gccattggaggagggttttgaatttggtcgaatccaagaattttcacttgc
 ggccacgggacttgatctccaatatcaatgtgatcgttttggagttgaag
 ggttccgagactacttttatgtgtgagtagcgctgacgagactgctactat
 cgttgagtttttgaatcgggtggatcacttttgctcaatccatcatctcca
 ctttgact

IgG1Fc(N297G_delK)::G4S::hulL-2(L19N, C125A)

atggacatgagagtgccctgcacagctgctgggcctgctgctgctgtggct
 gagaggcgccagatgcgacaaaactcacacatgccaccgtgccagcac
 ctgaactcctggggggaccgtcagtccttcctcttccccccaaaacccaag
 gacaccctcatgatctcccggaaccctgaggtcacatgcgtggtggtgga
 cgtgagccacgaagaccctgaggtcaagttcaactggtagctggacggcg
 tggaggtgcataatgccaaagacaaagccgcgggaggagcagtagcggcagc
 acgtaccgtgtggtcagcgtcctcaccgtcctgcaccaggactggctgaa

FIGURA 25N

tggcaaggaggtacaagtgcagggtctccaacaaagccctcccagccccca
 tcgagaaaaaccatctccaaagccaaagggcagccccgagaaccacaggtg
 tacaccctgcccccatcccgggaggagatgaccaagaaccaggtcagcct
 gacctgcctgggtcaaaggcttctatcccagcgacatcgccgtggagtggtg
 agagcaatgggagcgggagaacaactacaagaccacgcctcccgtgctg
 gactccgacgggtccttcttctctatagcaagctcaccgtggacaagag
 caggtggcagcaggggaacgtcttctcatgctccgtgatgcatgaggctc
 tgcacaaccactacacgcagaagagcctctccctgtctccgggtggaggt
 ggtggaagcgctccaacttctctccactaagaagactcaattgcaatt
 ggagcacttggtgAATgacttgcaaatgatcttgaatgggtatcaataatt
 acaagaatccaaagttgactcggatggtgacttttaagttttacatgcc
 aagaaggctactgagttgaagcacttgcaatgtttgaggaggaggttgaa
 gccattggaggagggttttgaatttggtcaatccaagaattttcacttgc
 ggccacgggacttgatctccaatatcaatgtgatcggttttgaggttgaa
 ggttccgagactacttttatgtgtgagtacgctgacgagactgctactat
 cgttgagtttttgaatcggtggatcacttttgctcaatccatcatctcca
 ctttgact

IgG1Fc(N297G_delK)::G4S::hulL-2(L19R, C125A)

atggacatgagagtgccctgcacagctgctgggcctgctgctgctgtggct
 gagaggcgccagatgcgacaaaactcacacatgccaccgtgccagcac
 ctgaactcctggggggaccgctcagttcttcttccccccaaaacccaag
 gacaccctcatgatctcccggacccctgaggtcacatgcgtgggtggtgga
 cgtgagccacgaagaccctgaggtcaagttcaactggtacgtggacggcg
 tggaggtgcataatgccaagacaaaagccgaggaggagcagtagcggcagc
 acgtaccgtgtggtcagcgtcctcaccgtcctgcaccaggactgggtgaa
 tggcaaggagtacaagtgcagggtctccaacaaagccctcccagccccca
 tcgagaaaaaccatctccaaagccaaagggcagccccgagaaccacaggtg
 tacaccctgcccccatcccgggaggagatgaccaagaaccaggtcagcct
 gacctgcctgggtcaaaggcttctatcccagcgacatcgccgtggagtggtg
 agagcaatgggagcgggagaacaactacaagaccacgcctcccgtgctg
 gactccgacgggtccttcttctctatagcaagctcaccgtggacaagag
 caggtggcagcaggggaacgtcttctcatgctccgtgatgcatgaggctc
 tgcacaaccactacacgcagaagagcctctccctgtctccgggtggaggt
 ggtggaagcgctccaacttctctccactaagaagactcaattgcaatt
 ggagcacttggtgCGGgacttgcaaatgatcttgaatgggtatcaataatt
 acaagaatccaaagttgactcggatggtgacttttaagttttacatgcc
 aagaaggctactgagttgaagcacttgcaatgtttgaggaggaggttgaa
 gccattggaggagggttttgaatttggtcaatccaagaattttcacttgc
 ggccacgggacttgatctccaatatcaatgtgatcggttttgaggttgaa
 ggttccgagactacttttatgtgtgagtacgctgacgagactgctactat
 cgttgagtttttgaatcggtggatcacttttgctcaatccatcatctcca
 ctttgact

FIGURA 250

IgG1Fc(N297G_delK)::G4S::hull-2(L19S, C125A)

atggacatgagagtgccctgcacagctgctgggcctgctgctgctgtggct
gagaggcgccagatgogacaaaactcacacatgcccaccgtgcccagcac
ctgaactcctggggggaccgtcagtccttcctcttccccccaaaacccaag
gacaccctcatgatctcccggacccttgaggtcacatgcgtgggtgggga
cgtgagccacgaagaccctgaggtcaagttcaactggtaactggacggcg
tggaggtgcataatgccaaagacaaagccgcgggaggagcagtacggcagc
acgtaccgtgtgggtcagcgtcctcaccgtcctgcaccaggactggctgaa
tggcaaggagtacaagtgaaggtctccaacaaagccctcccagcccca
tcgagaaaaccatctccaaagccaaagggcagccccgagaaccacaggtg
tacaccctgcccccatcccgggaggagatgaccaagaaccaggtcagcct
gacctgcctgggtcaaaggcttctatcccagcgacatcgccgtggagtgga
agagcaatgggcagccggagagaacaactacaagaccacgcctcccgtgctg
gactccgacgggtccttcttctctctatagcaagctcaccgtggacaagag
caggtggcagcaggggaacgtcttctcatgctccgtgatgcatgaggctc
tgcacaaccactacacgcagaagagcctctccctgtctccgggtggaggt
gggtggaagcgtcccaacttcctcctccactaagaagactcaattgcaatt
ggagcacttggtgTCGgacttgcaaatgatcttgaaatgggtatcaataatt
acaagaatccaaagttgactcggatgttgacttttaagttttacatgccaa
aagaaggctactgagttgaagcacttgcaatgtttgaggaggaggttgaa
gccattggaggaggttttgaaatttggtcaatccaagaattttcacttgc
ggccacgggacttgatctccaatatcaatgtgatcgttttgaggttgaa
gggtccgagactacttttatgtgtgagtaacgtgacgagactgctactat
cgttgagttttgaaatcgggtggatcacttttgctcaatccatcatctcca
ctttgact

IgG1Fc(N297G_delK)::G4S::hull-2(L19T, C125A)

atggacatgagagtgccctgcacagctgctgggcctgctgctgctgtggct
gagaggcgccagatgogacaaaactcacacatgcccaccgtgcccagcac
ctgaactcctggggggaccgtcagtccttcctcttccccccaaaacccaag
gacaccctcatgatctcccggacccttgaggtcacatgcgtgggtgggga
cgtgagccacgaagaccctgaggtcaagttcaactggtaactggacggcg
tggaggtgcataatgccaaagacaaagccgcgggaggagcagtacggcagc
acgtaccgtgtgggtcagcgtcctcaccgtcctgcaccaggactggctgaa
tggcaaggagtacaagtgaaggtctccaacaaagccctcccagcccca
tcgagaaaaccatctccaaagccaaagggcagccccgagaaccacaggtg
tacaccctgcccccatcccgggaggagatgaccaagaaccaggtcagcct
gacctgcctgggtcaaaggcttctatcccagcgacatcgccgtggagtgga
agagcaatgggcagccggagagaacaactacaagaccacgcctcccgtgctg
gactccgacgggtccttcttctctctatagcaagctcaccgtggacaagag
caggtggcagcaggggaacgtcttctcatgctccgtgatgcatgaggctc
tgcacaaccactacacgcagaagagcctctccctgtctccgggtggaggt
gggtggaagcgtcccaacttcctcctccactaagaagactcaattgcaatt
ggagcacttggtgACGgacttgcaaatgatcttgaaatgggtatcaataatt

FIGURA 25P

⌞

```
acaagaatccaaagttgactcggtggtgacttttaagttttacatgccaa
aagaaggctactgagttgaagcacttgcaatgtttgaggaggaggttgaa
gccattggaggagggttttgaatttgggtcaatccaagaattttcacttgc
ggccacgggacttgatctccaatatcaatgtgatcggttttgaggttgaa
ggttccgagactacttttatgtgtgagtacgctgacgagactgctactat
cggtgagtttttgaatcggtggatcacttttgcataatccatcatctcca
ctttgact
```

IgG1Fc(N297G_delK)::G4S::hulL-2(L19V, C125A)

```
atggacatgagagtgccctgcacagctgctgggcctgctgctgctgtggct
gagaggcgccagatgcgacaaaactcacacatgcccaccgtgccagcac
ctgaactcctggggggaccgtcagtccttctcttccccccaaaacccaag
gacaccctcatgatctcccggaccctgaggtcacatgcgtggtggtgga
cgtgagccacgaagaccctgaggtcaagttcaactggtacgtggacggcg
tgagggtgcataatgccaaagacaaagccgcgggaggagcagtacggcagc
acgtaccgtgtggtcagcgtcctcaccgtcctgcaccaggactggctgaa
tggaaggagtagaagtgcaaggtctccaacaaagccctcccagccccc
tcgagaaaaccatctccaaagccaaagggcagccccgagaaccacaggtg
tacaccctgcccccatcccgggaggagatgaccaagaaccaggtcagcct
gacctgcctggtcaaaggcttctatcccagcgacatcgccgtggagtggt
agagcaatgggacagccggagaaactacaagaccacgcctcccgtgctg
gactccgacggctccttcttctctatagcaagctcaccgtggacaagag
caggtggcagcaggggaacgtcttctcatgctccgtgatgcatgaggtc
tgacaaccactacacgcagaagagcctctccctgtctccgggtggaggt
ggtggaagcgctccaacttctcctccactaagaagactcaattgcaatt
ggagcacttggtgGTGgacttgcaaatgatcttgaatggtatcaataatt
acaagaatccaaagttgactcggtggtgacttttaagttttacatgccaa
aagaaggctactgagttgaagcacttgcaatgtttgaggaggaggttgaa
gccattggaggagggttttgaatttgggtcaatccaagaattttcacttgc
ggccacgggacttgatctccaatatcaatgtgatcggttttgaggttgaa
ggttccgagactacttttatgtgtgagtacgctgacgagactgctactat
cggtgagtttttgaatcggtggatcacttttgcataatccatcatctcca
ctttgact
```

IgG1Fc(N297G_delK)::G4S::hulL-2(D20A, C125A)

```
atggacatgagagtgccctgcacagctgctgggcctgctgctgctgtggct
gagaggcgccagatgcgacaaaactcacacatgcccaccgtgccagcac
ctgaactcctggggggaccgtcagtccttctcttccccccaaaacccaag
gacaccctcatgatctcccggaccctgaggtcacatgcgtggtggtgga
cgtgagccacgaagaccctgaggtcaagttcaactggtacgtggacggcg
tgagggtgcataatgccaaagacaaagccgcgggaggagcagtacggcagc
acgtaccgtgtggtcagcgtcctcaccgtcctgcaccaggactggctgaa
tggaaggagtagaagtgcaaggtctccaacaaagccctcccagccccc
tcgagaaaaccatctccaaagccaaagggcagccccgagaaccacaggtg
```

FIGURA 25Q

tacaccctgcccccatcccgggaggagatgaccaagaaccagggtcagcct
 gacctgcctgggtcaaaggcttctatcccagcgacatcgccgtggagtggg
 agagcaatgggcagccggagaacaactacaagaccacgcctcccgtgctg
 gactccgacgggtccttcttctctatagcaagctcacccgtggacaagag
 caggtggcagcaggggaacgtcttctcatgctccgtgatgcatgaggctc
 tgcacaaccactacacgcagaagagcctctccctgtctccgggtggaggt
 ggtggaagcgctccaacttcctcctccactaagaagactcaattgcaatt
 ggagcacttggtgttgGCCttgcaaagtatccttgaatgggtatcaataatt
 acaagaatccaaagttgactcggatggtgacttttaagttttacatgcc
 aagaaggctactgagttgaagcacttgcaatggttgaggaggaggttgaa
 gccattggaggagggttttgaatttgggtcaatccaagaattttcacttgc
 ggccacgggacttgatctccaatatcaatgtgatcggttttggagttgaag
 ggttccgagactacttttatgtgtgagtacgctgacgagactgctactat
 cgttgagtttttgaatcggtggatcacttttgctcaatccatcatctcca
 ctttgact

IgG1Fc(N297G_delK)::G4S::hulL-2(D20E, C125A)

atggacatgagagtgcctgcacagctgctgggcctgctgctgctgtggct
 gagaggcgccagatgcgacaaaactcacacatgccaccgtgccagcac
 ctgaactcctggggggaccgtcagtccttcttccccccaaaacccaag
 gacaccctcatgatctcccggacccctgagggtcacatgcgtgggtgga
 cgtgagccacgaagaccctgagggtcaagttcaactggtacgtggacggcg
 tggaggtgcataatgccaagacaaagccgcgggaggagcagtacggcagc
 acgtaccgtgtggtcagcgtcctcaccgtcctgcaccaggactggctgaa
 tggcaaggagtacaagtgaaggtctccaacaaagccctcccagcccca
 tcgagaaaaccatctccaaagccaaagggcagccccgagaaccacagggt
 tacaccctgcccccatcccgggaggagatgaccaagaaccagggtcagcct
 gacctgcctgggtcaaaggcttctatcccagcgacatcgccgtggagtggg
 agagcaatgggcagccggagaacaactacaagaccacgcctcccgtgctg
 gactccgacgggtccttcttctctatagcaagctcacccgtggacaagag
 caggtggcagcaggggaacgtcttctcatgctccgtgatgcatgaggctc
 tgcacaaccactacacgcagaagagcctctccctgtctccgggtggaggt
 ggtggaagcgctccaacttcctcctccactaagaagactcaattgcaatt
 ggagcacttggtgttgGAGttgcaaagtatccttgaatgggtatcaataatt
 acaagaatccaaagttgactcggatggtgacttttaagttttacatgcc
 aagaaggctactgagttgaagcacttgcaatggttgaggaggaggttgaa
 gccattggaggagggttttgaatttgggtcaatccaagaattttcacttgc
 ggccacgggacttgatctccaatatcaatgtgatcggttttggagttgaag
 ggttccgagactacttttatgtgtgagtacgctgacgagactgctactat
 cgttgagtttttgaatcggtggatcacttttgctcaatccatcatctcca
 ctttgact

FIGURA 25R

IgG1Fc(N297G_delK)::G4S::hulL-2(D20F, C125A)

atggacatgagagtgccctgcacagctgctgggcctgctgctgctgtggct
 gagaggcgccagatgcgacaaaactcacacatgcccaccgtgcccagcac
 ctgaactcctggggggaccgtcagtccttcctcttccccccaaaacccaag
 gacaccctcatgatctcccggacccctgaggtcacatgctggtggtgga
 cgtgagccacgaagaccctgaggtcaagttcaactggtacgtggacggcg
 tggaggtgcataatgccaaagacaaagccgcgggaggagcagtacggcagc
 acgtaccgtgtggtcagcgtcctcaccgtcctgcaccaggactggctgaa
 tggcaaggaggtacaagtgcaaggtctccaacaaagccctcccagcccca
 tcgagaaaaccatctccaaagccaaagggcagccccgagaaccacaggtg
 tacaccctgcccccatcccgggaggagatgaccaagaaccagggtcagcct
 gacctgcctggtcaaaggcttctatcccagcgacatcgccgtggagtggg
 agagcaatgggcagccggagagaacaactacaagaccacgcctcccgtgctg
 gactccgacggctccttcttctctatagcaagctcaccgtggacaagag
 caggtggcagcaggggaacgtcttctcatgctccgtgatgcatgaggctc
 tgcacaaccactacacgcagaagagcctctccctgtctccgggtggaggt
 ggtggaagcgctccaacttccctcctccactaagaagactcaattgcaatt
 ggagcacttggtgtgTTCTtgcaaatgatcttgaatggtatcaataatt
 acaagaatccaaagttgactcggatggtgacttttaagttttacatgcc
 aagaaggctactgagttgaagcacttgcaatggttggaggaggagttgaa
 gccattggaggaggttttgaatttggtcactccaagaattttcacttgc
 ggccacgggacttgatctccaatatcaatgtgatcggttttggagttgaa
 ggttccgagactacttttatgtgtgagtacgctgacgagactgctactat
 cgttgagtttttgaatcggtggatcacttttgctcaatocatcatctcca
 ctttgact

IgG1Fc(N297G_delK)::G4S::hulL-2(D20G, C125A)

atggacatgagagtgccctgcacagctgctgggcctgctgctgctgtggct
 gagaggcgccagatgcgacaaaactcacacatgcccaccgtgcccagcac
 ctgaactcctggggggaccgtcagtccttcctcttccccccaaaacccaag
 gacaccctcatgatctcccggacccctgaggtcacatgctggtggtgga
 cgtgagccacgaagaccctgaggtcaagttcaactggtacgtggacggcg
 tggaggtgcataatgccaaagacaaagccgcgggaggagcagtacggcagc
 acgtaccgtgtggtcagcgtcctcaccgtcctgcaccaggactggctgaa
 tggcaaggaggtacaagtgcaaggtctccaacaaagccctcccagcccca
 tcgagaaaaccatctccaaagccaaagggcagccccgagaaccacaggtg
 tacaccctgcccccatcccgggaggagatgaccaagaaccagggtcagcct
 gacctgcctggtcaaaggcttctatcccagcgacatcgccgtggagtggg
 agagcaatgggcagccggagagaacaactacaagaccacgcctcccgtgctg
 gactccgacggctccttcttctctatagcaagctcaccgtggacaagag
 caggtggcagcaggggaacgtcttctcatgctccgtgatgcatgaggctc
 tgcacaaccactacacgcagaagagcctctccctgtctccgggtggaggt
 ggtggaagcgctccaacttccctcctccactaagaagactcaattgcaatt
 ggagcacttggtgtgGGCTtgcaaatgatcttgaatggtatcaataatt

FIGURA 25S

acaagaatccaaagttgactcggatgttgactttttaagttttacatgccaa
aagaaggctactgagttgaagcacttgcaatgtttgaggaggagttgaa
gccattggaggaggttttgaatttggctcaatccaagaattttcacttgc
ggccacgggacttgatctccaatatcaatgtgatcggttttgagttgaag
ggttccgagactacttttatgtgtgagtacgctgacgagactgctactat
cgttgagtttttgaatcggtggatcacttttgctcaatccatcatctcca
ctttgact

IgG1Fc(N297G_delK)::G4S::hulL-2(D20W, C125A)

atggacatgagagtgccctgcacagctgctgggcctgctgctgctgtggct
gagaggcgccagatgcgacaaaactcacacatgccaccgtgccagcac
ctgaactcctggggggaccgtcagtccttctcttccccccaaaacccaag
gacaccctcatgatctcccggaccctgaggtcacatgcgtgggtggga
cgtgagccacgaagaccctgaggtcaagttcaactggtacgtggacggcg
tggaggtgcataatgccaaagacaaagccgcgggaggagcagtagcgcagc
acgtaccgtgtgggtcagcgtcctcaccgtcctgcaccaggactggctgaa
tggcaaggagtacaagtgaaggtctccaacaaagccctcccagcccca
tcgagaaaaaccatctccaaagccaaagggcagccccgagaaccacaggtg
tacaccctgcccccatcccgggaggagatgaccaagaaccagggtcagcct
gacctgcctggtcaaaggcttctatcccagcgacatcgccgtggagtggg
agagcaatgggcagccggagaacaactacaagaccacgcctcccgtgctg
gactccgacggctccttcttctctctatagcaagctcaccgtggacaagag
caggtggcagcaggggaacgtcttctcatgctccgtgatgcatgaggctc
tgcacaaccactacacgcgagaagagcctctccctgtctccgggtggaggt
ggtggaagcgctccaacttctctcctccactaagaagactcaattgcaatt
ggagcacttggtgttgTGGttgcaaatgatcttgaatggtatcaataatt
acaagaatccaaagttgactcggatgttgactttttaagttttacatgccaa
aagaaggctactgagttgaagcacttgcaatgtttgaggaggagttgaa
gccattggaggaggttttgaatttggctcaatccaagaattttcacttgc
ggccacgggacttgatctccaatatcaatgtgatcggttttgagttgaag
ggttccgagactacttttatgtgtgagtacgctgacgagactgctactat
cgttgagtttttgaatcggtggatcacttttgctcaatccatcatctcca
ctttgact

IgG1Fc(N297G_delK)::G4S::hulL-2(M23R, C125A)

atggacatgagagtgccctgcacagctgctgggcctgctgctgctgtggct
gagaggcgccagatgcgacaaaactcacacatgccaccgtgccagcac
ctgaactcctggggggaccgtcagtccttctcttccccccaaaacccaag
gacaccctcatgatctcccggaccctgaggtcacatgcgtgggtggga
cgtgagccacgaagaccctgaggtcaagttcaactggtacgtggacggcg
tggaggtgcataatgccaaagacaaagccgcgggaggagcagtagcgcagc
acgtaccgtgtgggtcagcgtcctcaccgtcctgcaccaggactggctgaa

FIGURA 25T

tggcaaggaggtacaagtgcaagggtctccaacaaagccctcccagcccca
 tgcgagaaaaccatctccaaagccaaagggcagccccgagaaccacaggtg
 tacaccctgcccccatcccgggaggagatgaccaagaaccaggtcagcct
 gacctgcctgggtcaaaggcttctatcccagcgacatcgccgtggagtggg
 agagcaatgggcagccggagaacaactacaagaccacgcctcccgtgctg
 gactccgacggctccttcttctctatagcaagctcacccgtggacaagag
 caggtggcagcaggggaacgtcttctcatgctccgtgatgcatgaggctc
 tgcacaaccactacacgcagaagagccctctccctgtctccgggtggaggt
 ggtggaagcgctccaacttcctcctccactaagaagactcaattgcaatt
 ggagcacttggtggttgacttgcaaAGGatcttgaaatgggtatcaataatt
 acaagaatccaaagttgactcggatggttgacttttaagttttacatgcc
 aagaaggctactgagttgaagcacttgcaatggttgaggaggaggtgaa
 gccattggaggaggttttgaaatttggtcaatccaagaattttcacttg
 ggccacgggacttgatctccaatatcaatgtgatcggttttgaggtgaag
 ggttccgagactacttttatgtgtgagtacgctgacgagactgctactat
 cggtgagttttgaaatcggtggatcacttttgctcaatccatcatctcca
 ctttgact

IgG1Fc(N297G_delK)::G4S::hulL-2(R81A, C125A)

atggacatgagagtgcctgcacagctgctgggcctgctgctgctgtggct
 gagaggcgccagatgcgacaaaactcacacatgccaccgtgccagcac
 ctgaactcctggggggacccgtcagtccttcttccccccaaaacccaag
 gacaccctcatgatctcccgacccctgaggtcacatgcgtggtggtgga
 cgtgagccacgaagaccctgaggtcaagttcaactggtacgtggacggcg
 tggaggtgcataatgccaagacaaagccgcgggaggagcagtacggcagc
 acgtaccgtgtggtcagcgtcctcacccgtcctgcaccaggactggctgaa
 tggcaaggaggtacaagtgcaagggtctccaacaaagccctcccagcccca
 tgcgagaaaaccatctccaaagccaaagggcagccccgagaaccacaggtg
 tacaccctgcccccatcccgggaggagatgaccaagaaccaggtcagcct
 gacctgcctgggtcaaaggcttctatcccagcgacatcgccgtggagtggg
 agagcaatgggcagccggagaacaactacaagaccacgcctcccgtgctg
 gactccgacggctccttcttctctatagcaagctcacccgtggacaagag
 caggtggcagcaggggaacgtcttctcatgctccgtgatgcatgaggctc
 tgcacaaccactacacgcagaagagccctctccctgtctccgggtggaggt
 ggtggaagcgctccaacttcctcctccactaagaagactcaattgcaatt
 ggagcacttggtggttgacttgcaaatgatcttgaaatgggtatcaataatt
 acaagaatccaaagttgactcggatggttgacttttaagttttacatgcc
 aagaaggctactgagttgaagcacttgcaatggttgaggaggaggtgaa
 gccattggaggaggttttgaaatttggtcaatccaagaattttcacttgG
 CGccacgggacttgatctccaatatcaatgtgatcggttttgaggtgaag
 ggttccgagactacttttatgtgtgagtacgctgacgagactgctactat
 cggtgagttttgaaatcggtggatcacttttgctcaatccatcatctcca
 ctttgact

FIGURA 25U

IgG1Fc(N297G_delK)::G4S::hulL-2(R81G, C125A)

atggacatgagagtgccctgcacagctgctgggcctgctgctgctgtggct
 gagaggcgccagatgcgacaaaactcacacatgcccaccgtgcccagcac
 ctgaactcctggggggaccgtcagttcttctcttccccccaaaacccaag
 gacaccctcatgatctcccggacccctgaggtcacatgctgggtgggga
 cgtgagccacgaagaccctgaggtcaagttcaactggtagctggacggcg
 tggaggtgcataatgccaagacaaagccgcgggaggagcagtagcggcagc
 acgtaccgtgtggtcagcgtcctcaccgtcctgcaccaggactggctgaa
 tggcaaggagtacaagtgcaaggtctccaacaaagccctcccagccccca
 tcgagaaaaccatctccaaagccaaagggcagccccgagaaccacaggtg
 tacaccctgcccccatcccgggaggagatgaccaagaaccaggtcagcct
 gacctgcctgggtcaaaggcttctatcccagcgcacatcgccgtggagtggg
 agagcaatgggcagccggagaacaactacaagaccacgcctcccgtgctg
 gactccgacggctccttcttctctctatagcaagctcaccgtggacaagag
 caggtggcagcaggggaacgtcttctcatgctccgtgatgcatgaggctc
 tgcacaaccactacacgcagaagagcctctccctgtctccgggtggaggt
 ggtggaagcgtccaaacttctcctccactaagaagactcaattgcaatt
 ggagcacttggtgttggtgacttgcaaatgatcttgaatggtatcaataatt
 acaagaatccaaagttgactcggatggtgacttttaagttttacatgccaa
 agaaggctactgagttgaagcacttgcaatggttggaggaggagttgaa
 gccattggaggaggttttgaatttggtcgaatccaagaattttcacttgG
 GGccacgggacttgatctccaatatcaatgtgatcgtttggagttgaag
 ggttccgagactacttttatgtgtgagtacgctgacgagactgctactat
 cgttgagtttttgaatcggtggatcacttttgcgaatccatcatctcca
 ctttgact

IgG1Fc(N297G_delK)::G4S::hulL-2(R81S, C125A)

atggacatgagagtgccctgcacagctgctgggcctgctgctgctgtggct
 gagaggcgccagatgcgacaaaactcacacatgcccaccgtgcccagcac
 ctgaactcctggggggaccgtcagttcttctcttccccccaaaacccaag
 gacaccctcatgatctcccggacccctgaggtcacatgctgggtgggga
 cgtgagccacgaagaccctgaggtcaagttcaactggtagctggacggcg
 tggaggtgcataatgccaagacaaagccgcgggaggagcagtagcggcagc
 acgtaccgtgtggtcagcgtcctcaccgtcctgcaccaggactggctgaa
 tggcaaggagtacaagtgcaaggtctccaacaaagccctcccagccccca
 tcgagaaaaccatctccaaagccaaagggcagccccgagaaccacaggtg
 tacaccctgcccccatcccgggaggagatgaccaagaaccaggtcagcct
 gacctgcctgggtcaaaggcttctatcccagcgcacatcgccgtggagtggg
 agagcaatgggcagccggagaacaactacaagaccacgcctcccgtgctg
 gactccgacggctccttcttctctctatagcaagctcaccgtggacaagag
 caggtggcagcaggggaacgtcttctcatgctccgtgatgcatgaggctc
 tgcacaaccactacacgcagaagagcctctccctgtctccgggtggaggt
 ggtggaagcgtccaaacttctcctccactaagaagactcaattgcaatt
 ggagcacttggtgttggtgacttgcaaatgatcttgaatggtatcaataatt

FIGURA 25V

acaagaatccaaagttgactcggatgttgactttttaagttttacatgccaa
 aagaaggctactgagttgaagcacttgcaatgtttggaggaggagttgaa
 gccattggaggagggttttgaatttgggtcaatccaagaattttcacttgT
 CGccacgggacttgatctccaatatcaatgtgatcgttttggagttgaag
 ggttccgagactacttttatgtgtgagtacgctgacgagactgctactat
 cgttgagtttttgaatcgggtggatcacttttgcctcaatccatcatctcca
 ctttgact

IgG1Fc(N297G_delK)::G4S::hulL-2(R81T, C125A)

atggacatgagagtgccctgcacagctgctgggcctgctgctgctgtggct
 gagaggcgccagatgcgacaaaactcacacatgcccaccgtgcccagcac
 ctgaactcctggggggaccgtcagtccttccctcttccccccaaaacccaag
 gacaccctcatgatctcccggacccctgaggtcacatgcgtggtggtgga
 cgtgagccacgaagaccctgaggtcaagttcaactggtagctggacggcg
 tggagggtgcataatgccaagacaaagccgcgggaggagcagtagcggcagc
 acgtaccgtgtggtcagcgtcctcaccgtcctgcaccaggactggctgaa
 tggcaaggaggtacaagtgcagggtctccaacaaagccctcccagcccca
 tcgagaaaaccatctccaaagccaaagggcagccccgagaaccacagggtg
 tacaccctgcccccatcccgggaggagatgaccaagaaccagggtcagcct
 gacctgcctgggtcaaaggcttctatcccagcgacatcgccgtggagtggg
 agagcaatgggcagccgggagaacaactacaagaccacgcctcccgtgctg
 gactccgacggctccttcttccctctatagcaagctcaccgtggacaagag
 cagggtggcagcaggggaacgtcttctcatgctccgtgatgcatgaggctc
 tgcacaaccactacacgcagaagagcctctccctgtctccgggtggagggt
 ggtggaagcgctccaacttccctcctccactaagaagactcaattgcaatt
 ggagcacttggttggttgacttgcaaatgatcttgaatggtatcaataatt
 acaagaatccaaagttgactcggatgttgactttttaagttttacatgccaa
 aagaaggctactgagttgaagcacttgcaatgtttggaggaggagttgaa
 gccattggaggagggttttgaatttgggtcaatccaagaattttcacttgA
 CGccacgggacttgatctccaatatcaatgtgatcgttttggagttgaag
 ggttccgagactacttttatgtgtgagtacgctgacgagactgctactat
 cgttgagtttttgaatcgggtggatcacttttgcctcaatccatcatctcca
 ctttgact

IgG1Fc(N297G_delK)::G4S::hulL-2(D84A, C125A)

atggacatgagagtgccctgcacagctgctgggcctgctgctgctgtggct
 gagaggcgccagatgcgacaaaactcacacatgcccaccgtgcccagcac
 ctgaactcctggggggaccgtcagtccttccctcttccccccaaaacccaag
 gacaccctcatgatctcccggacccctgaggtcacatgcgtggtggtgga
 cgtgagccacgaagaccctgaggtcaagttcaactggtagctggacggcg
 tggagggtgcataatgccaagacaaagccgcgggaggagcagtagcggcagc
 acgtaccgtgtggtcagcgtcctcaccgtcctgcaccaggactggctgaa

FIGURA 25W

:

tggcaaggagtacaagtgcaaggtctccaacaaagccctcccagccccca
 tcgagaaaaccatctccaaagccaaagggcagccccgagaaccacaggtg
 tacaccctgcccccatcccgggaggagatgaccaagaaccaggtcagcct
 gacctgcctgggtcaaaggcttctatcccagcgacatcgccgtggagtggg
 agagcaatgggcagccggagaaactacaagaccacgcctcccgtgctg
 gactccgacggctccttcttctctatagcaagctcaccgtggacaagag
 caggtggcagcaggggaacgtcttctcatgctccgtgatgcatgaggctc
 tgcacaaccactacacgcagaagagcctctccctgtctccgggtggaggt
 ggtggaagcgctccaacttcctcctccactaagaagactcaattgcaatt
 ggagcacttggttggttgacttgcaaatgatcttgatgggtatcaataatt
 acaagaatccaaagttgactcggtggtgacttttaagttttacatgccaa
 aagaaggctactgagttgaagcacttgcaatggttgaggaggaggttgaa
 gccattggaggaggttttgaaatttggtcaatccaagaattttcacttgc
 ggccacggGCCttgatctccaatatcaatgtgatcggttttgaggttgaa
 ggttccgagactacttttatgtgtgagtaacgtgacgagactgctactat
 cggttgagttttgaatcggtggatcacttttgctcaatccatcatctcca
 ctttgact

IgG1Fc(N297G_delK)::G4S::hull-2(D84E, C125A)

atggacatgagagtgcctgcacagctgctgggcctgctgctgctgtggct
 gagaggcgccagatgcgacaaaactcacacatgccaccgtgccagcac
 ctgaactcctggggggaccgtcagttcttcttccccccaaaacccaag
 gacaccctcatgatctcccggaccctgaggtcacatgcgtgggtggga
 cgtgagccacgaagaccctgaggtcaagttcaactggtagctggacggcg
 tggaggtgcataatgccaaagacaaagccgcgggaggagcagtagcgcagc
 acgtaccgtgtggtcagcgtcctcaccgtcctgcaccaggactggctgaa
 tggcaaggagtacaagtgcaaggtctccaacaaagccctcccagccccca
 tcgagaaaaccatctccaaagccaaagggcagccccgagaaccacaggtg
 tacaccctgcccccatcccgggaggagatgaccaagaaccaggtcagcct
 gacctgcctgggtcaaaggcttctatcccagcgacatcgccgtggagtggg
 agagcaatgggcagccggagaaactacaagaccacgcctcccgtgctg
 gactccgacggctccttcttctctatagcaagctcaccgtggacaagag
 caggtggcagcaggggaacgtcttctcatgctccgtgatgcatgaggctc
 tgcacaaccactacacgcagaagagcctctccctgtctccgggtggaggt
 ggtggaagcgctccaacttcctcctccactaagaagactcaattgcaatt
 ggagcacttggttggttgacttgcaaatgatcttgatgggtatcaataatt
 acaagaatccaaagttgactcggtggtgacttttaagttttacatgccaa
 aagaaggctactgagttgaagcacttgcaatggttgaggaggaggttgaa
 gccattggaggaggttttgaaatttggtcaatccaagaattttcacttgc
 ggccacggGAGttgatctccaatatcaatgtgatcggttttgaggttgaa
 ggttccgagactacttttatgtgtgagtaacgtgacgagactgctactat
 cggttgagttttgaatcggtggatcacttttgctcaatccatcatctcca
 ctttgact

FIGURA 25X

IgG1Fc(N297G_delK)::G4S::hulL-2(D84G, C125A)

atggacatgagagtgccctgcacagctgctgggcctgctgctgctgtggct
gagaggcgccagatgcgacaaaactcacacatgcccaccgtgcccagcac
ctgaactcctggggggaccgtcagtccttctcttccccccaaaacccaag
gacaccctcatgatctcccggacccttgaggtcacatgctgtggtggtgga
cgtgagccacgaagaccctgaggtcaagttcaactggtacgtggacggcg
tggaggtgcataatgccaaagacaaagccgcgggaggagcagtacggcagc
acgtaccgtgtggtcagcgtcctcaccgtcctgcaccaggactggctgaa
tggcaaggagtagaagtgcgaaggtctccaacaaagccctcccagcccca
tcgagaaaaccatctccaaagccaaagggcagccccgagaaccacaggtg
tacaccctgcccccatcccgggaggagatgaccaagaaccaggtcagcct
gacctgcctggtcaaaggcttctatcccagcgacatcgccgtggagtggg
agagcaatgggacagccggagaacaactacaagaccacgcctcccgtgctg
gactccgacggctccttcttctctatagcaagctcaccgtggacaagag
caggtggcagcaggggaacgtcttctcatgctccgtgatgcatgaggctc
tgcacaaccactacacgcagaagagcctctccctgtctccgggtggaggt
ggtggaagcgctccaacttccctccactaagaagactcaattgcaatt
ggagcacttggttggtggacttgcaaatgatcttgaaatgggtatcaataatt
acaagaatccaaagttgactcggatggtgacttttaagttttacatgccaa
aagaaggctactgagttgaagcacttgcaatggttgaggaggaggtgaa
gccattggagaggttttgaatttggtcgaatccaagaattttcacttgc
ggccacggGGCttgatctccaatatcaatgtgatcggttttgaggtgaa
ggttccgagactacttttatgtgtgagtagcgtgacgagactgctactat
cgttgagtttttgaatcggtggatcacttttgctcaatccatcatctcca
ctttgact

IgG1Fc(N297G_delK)::G4S::hulL-2(D84I, C125A)

atggacatgagagtgccctgcacagctgctgggcctgctgctgctgtggct
gagaggcgccagatgcgacaaaactcacacatgcccaccgtgcccagcac
ctgaactcctggggggaccgtcagtccttctcttccccccaaaacccaag
gacaccctcatgatctcccggacccttgaggtcacatgctgtggtggtgga
cgtgagccacgaagaccctgaggtcaagttcaactggtacgtggacggcg
tggaggtgcataatgccaaagacaaagccgcgggaggagcagtacggcagc
acgtaccgtgtggtcagcgtcctcaccgtcctgcaccaggactggctgaa
tggcaaggagtagaagtgcgaaggtctccaacaaagccctcccagcccca
tcgagaaaaccatctccaaagccaaagggcagccccgagaaccacaggtg
tacaccctgcccccatcccgggaggagatgaccaagaaccaggtcagcct
gacctgcctggtcaaaggcttctatcccagcgacatcgccgtggagtggg
agagcaatgggacagccggagaacaactacaagaccacgcctcccgtgctg
gactccgacggctccttcttctctatagcaagctcaccgtggacaagag
caggtggcagcaggggaacgtcttctcatgctccgtgatgcatgaggctc
tgcacaaccactacacgcagaagagcctctccctgtctccgggtggaggt
ggtggaagcgctccaacttccctccactaagaagactcaattgcaatt
ggagcacttggttggtggacttgcaaatgatcttgaaatgggtatcaataatt

FIGURA 25Y

acaagaatccaaagtgtgactcggatgttgactttttaagttttacatgccaa
 aagaaggctactgagttgaagcacttgcaatgtttggaggaggagttgaa
 gccattggaggaggttttgaatttgggtcaatccaagaattttcacttgc
 ggccacggATCttgatctccaatatcaatgtgatcgttttggagttgaag
 ggttccgagactacttttatgtgtgagtacgctgacgagactgctactat
 cgttgagtttttgaatcgggtggatcacttttgctcaatccatcatctcca
 ctttgact

IgG1Fc(N297G_delK)::G4S::hulL-2(D84M, C125A)

atggacatgagagtgacctgcacagctgctgggcctgctgctgctgtggct
 gagaggcgccagatgcgacaaaactcacacatgcccaccgtgcccagcac
 ctgaactcctgggggggaccgtcagtccttctcttcccccccaaaacccaag
 gacaccctcatgatctcccggacccttgaggtcacatgcgtggtggtgga
 cgtgagccacgaagaccctgaggtcaagttcaactggtagctggacggcg
 tggaggtgcataatgccaagacaaagccgcgggaggagcagtagcggcagc
 acgtaccgtgtggtcagcgtcctcaccgtcctgcaccaggactggctgaa
 tggcaaggagtacaagtgcagggtctccaacaaagccctcccagccccca
 tcgagaaaaccatctccaaagccaaagggcagccccgagaaccacaggtg
 tacaccctgcccccatcccgggaggagatgaccaagaaccaggtcagcct
 gacctgcctggtcaaaggcttctatcccagcgacatcgccgtggagtggg
 agagcaatgggcagccggagaacaactacaagaccacgcctcccgtgctg
 gactccgacggctccttcttctctatagcaagctcaccgtggacaagag
 caggtggcagcaggggaacgtcttctcatgctccgtgatgcatgaggctc
 tgcacaaccactacacgcagaagagcctctccctgtctccgggtggaggt
 ggtggaagcgctccaacttctcctccactaagaagactcaattgcaatt
 ggagcacttgttgttggacttgcaaatgatcttgaatggtatcaataatt
 acaagaatccaaagtgtgactcggatgttgactttttaagttttacatgccaa
 aagaaggctactgagttgaagcacttgcaatgtttggaggaggagttgaa
 gccattggaggaggttttgaatttgggtcaatccaagaattttcacttgc
 ggccacggATGttgatctccaatatcaatgtgatcgttttggagttgaag
 ggttccgagactacttttatgtgtgagtacgctgacgagactgctactat
 cgttgagtttttgaatcgggtggatcacttttgctcaatccatcatctcca
 ctttgact

IgG1Fc(N297G_delK)::G4S::hulL-2(D84Q, C125A)

atggacatgagagtgacctgcacagctgctgggcctgctgctgctgtggct
 gagaggcgccagatgcgacaaaactcacacatgcccaccgtgcccagcac
 ctgaactcctgggggggaccgtcagtccttctcttcccccccaaaacccaag
 gacaccctcatgatctcccggacccttgaggtcacatgcgtggtggtgga
 cgtgagccacgaagaccctgaggtcaagttcaactggtagctggacggcg
 tggaggtgcataatgccaagacaaagccgcgggaggagcagtagcggcagc
 acgtaccgtgtggtcagcgtcctcaccgtcctgcaccaggactggctgaa

FIGURA 25Z

5

tggcaaggaggtacaagtgcgaaggtctccaacaaagccctcccagccccc
 tcgagaaaaccatctccaaagccaaagggcagccccgagaaccacagggtg
 tacaccctgcccccatcccgggaggagatgaccaagaaccagggtcagcct
 gacctgcctgggtcaaaggcttctatcccagcgacatcgccgtggagtggg
 agagcaatgggcagccggagaacaactacaagaccacgcctcccgtgctg
 gactccgacggctccttcttctctatagcaagctcaccgtggacaagag
 cagggtggcagcaggggaacgtcttctcatgctccgtgatgcatgaggctc
 tgcacaaccactacacgcagaagagcctctccctgtctccgggtggagggt
 ggtggaagcgctccaacttcctcctccactaagaagactcaattgcaatt
 ggagcacttggttggtggacttgcaaatgatcttgaatggtatcaataatt
 acaagaatccaaagttgactcggatggtgacttttaagttttacatgcc
 aagaaggctactgagttgaagcacttgcaatggttggaggaggagttgaa
 gccattggaggagggttttgaatttggctcaatccaagaattttcacttgc
 ggccacggCAGttgatctccaatatcaatgtgatcgtttggagtgaag
 ggttccgagactacttttatgtgtgagtacgctgacgagactgctactat
 cgttgagtttttgaatcggtggatcacttttgetcaatccatcatctcca
 ctttgact

IgG1Fc(N297G_delK)::G4S::hulL-2(D84R, C125A)

atggacatgagagtgccctgcacagctgctgggcctgctgctgctgtggct
 gagaggcgccagatgcgacaaaactcacacatgcccaccgtgccagcac
 ctgaaactcctggggggaccgtcagtccttctcttccccccaaaacccaag
 gacaccctcatgatctcccggacccctgaggtcacatgctgtggtggtgga
 cgtgagccacgaagaccctgaggtcaagttcaactggtacgtggacggcg
 tggagggtgcataatgccaaagacaaagccgcgggaggagcagtacggcagc
 acgtaccgtgtggtcagcgtcctcaccgtcctgcaccaggactggctgaa
 tggcaaggaggtacaagtgcgaaggtctccaacaaagccctcccagccccc
 tcgagaaaaccatctccaaagccaaagggcagccccgagaaccacagggtg
 tacaccctgcccccatcccgggaggagatgaccaagaaccagggtcagcct
 gacctgcctgggtcaaaggcttctatcccagcgacatcgccgtggagtggg
 agagcaatgggcagccggagaacaactacaagaccacgcctcccgtgctg
 gactccgacggctccttcttctctatagcaagctcaccgtggacaagag
 cagggtggcagcaggggaacgtcttctcatgctccgtgatgcatgaggctc
 tgcacaaccactacacgcagaagagcctctccctgtctccgggtggagggt
 ggtggaagcgctccaacttcctcctccactaagaagactcaattgcaatt
 ggagcacttggttggtggacttgcaaatgatcttgaatggtatcaataatt
 acaagaatccaaagttgactcggatggtgacttttaagttttacatgcc
 aagaaggctactgagttgaagcacttgcaatggttggaggaggagttgaa
 gccattggaggagggttttgaatttggctcaatccaagaattttcacttgc
 ggccacggCGCttgatctccaatatcaatgtgatcgtttggagtgaag
 ggttccgagactacttttatgtgtgagtacgctgacgagactgctactat
 cgttgagtttttgaatcggtggatcacttttgetcaatccatcatctcca
 ctttgact

FIGURA 25AA

3

IgG1Fc(N297G_delK)::G4S::hulL-2(D84S, C125A)

atggacatgagagtgcctgcacagctgctgggcctgctgctgctgtggct
 gagaggcgccagatgcgacaaaactcacacatgcccaccgtgcccagcac
 ctgaactcctggggggaccgtcagtccttccctcttccccccaaaacccaag
 gacaccctcatgatctcccggaaccctgaggtcacatgcgtgggtggga
 cgtgagccacgaagaccctgaggtcaagttcaactggtacgtggacggcg
 tggaggtgcataatgccaagacaaaagccgaggaggagcagtacggcagc
 acgtaccgtgtgggtcagcgtcctcaccgtcctgcaccaggactggctgaa
 tggcaaggagtacaagtgcagggtctccaacaaaagccctcccagccccca
 tcgagaaaaccatctccaaagccaaagggcagccccgagaaccacaggtg
 tacaccctgcccccatcccgggaggagatgaccaagaaccagggtcagcct
 gacctgcctgggtcaaaggcttctatcccagcgacatcgccgtggagtggg
 agagcaatgggcagccggagaacaactacaagaccacgcctcccgtgctg
 gactccgacgggtccttcttccctctatagcaagctcacccgtggacaagag
 caggtggcagcaggggaacgtcttctcatgctccgtgatgcatgaggctc
 tgcacaaccactacacgcagaagagcctctccctgtctccgggtggaggt
 ggtggaagcgctccaacttccctccctccactaagaagactcaattgcaatt
 ggagcacttggttggtggacttgcaaatgatcttgaaatgggtatcaataatt
 acaagaatccaaagttgactcggatggtgacttttaagttttacatgcca
 aagaaggctactgagttgaagcacttgcaatggttgaggaggagttgaa
 gccattggaggaggttttgaaatttggtcgaatccaagaattttcacttgc
 ggccacggAGCttgatctccaatatcaatgtgatcggttttgaggttgaa
 ggttccgagactacttttatgtgtgagtacgctgacgagactgctactat
 cgttgagtttttgaaatcggtggatcacttttgctcaatccatcatctcca
 ctttgact

IgG1Fc(N297G_delK)::G4S::hulL-2(D84T, C125A)

atggacatgagagtgcctgcacagctgctgggcctgctgctgctgtggct
 gagaggcgccagatgcgacaaaactcacacatgcccaccgtgcccagcac
 ctgaactcctggggggaccgtcagtccttccctcttccccccaaaacccaag
 gacaccctcatgatctcccggaaccctgaggtcacatgcgtgggtggga
 cgtgagccacgaagaccctgaggtcaagttcaactggtacgtggacggcg
 tggaggtgcataatgccaagacaaaagccgaggaggagcagtacggcagc
 acgtaccgtgtgggtcagcgtcctcaccgtcctgcaccaggactggctgaa
 tggcaaggagtacaagtgcagggtctccaacaaaagccctcccagccccca
 tcgagaaaaccatctccaaagccaaagggcagccccgagaaccacaggtg
 tacaccctgcccccatcccgggaggagatgaccaagaaccagggtcagcct
 gacctgcctgggtcaaaggcttctatcccagcgacatcgccgtggagtggg
 agagcaatgggcagccggagaacaactacaagaccacgcctcccgtgctg
 gactccgacgggtccttcttccctctatagcaagctcacccgtggacaagag
 caggtggcagcaggggaacgtcttctcatgctccgtgatgcatgaggctc
 tgcacaaccactacacgcagaagagcctctccctgtctccgggtggaggt
 ggtggaagcgctccaacttccctccctccactaagaagactcaattgcaatt
 ggagcacttggttggtggacttgcaaatgatcttgaaatgggtatcaataatt

FIGURA 25BB

acaagaatccaaagttgactcggatgttgactttttaagttttacatgccaaagaaggctactgagttgaagcacttgcaatgtttggaggaggagttgaa gccattggaggagggttttgaatttggtcfaatccaagaattttcacttgc ggccacggACCTtgatctccaatatcaatgtgatcggttttgaggtgaa ggttccgagactacttttatgtgtgagtacgctgacgagactgctactat cgttgagtttttgaatcggtggatcacttttgctcaatccatcatctcca ctttgact

IgG1Fc(N297G_delK)::G4S::hulL-2(S87R, C125A)

atggacatgagagtgccctgcacagctgctgggcctgctgctgctgtggct gagaggcgccagatgcgacaaaactcacacatgccacaccgtgccacgac ctgaactcctggggggaccgtcagtccttccctcttccccccaaaacccaag gacaccctcatgatctcccggacccctgaggtcacatgctgtggtggtgga cgtgagccacgaagaccctgaggtcaagttcaactggtacgtggacggcg tggaggtgcataatgccaagacaaaagccgaggaggagcagtacggcagc acgtaccgtgtggtcagcgtcctcaccgtcctgcaccaggactggctgaa tggcaaggagtacaagtgaaggtctccaacaaagccctcccagcccccac tggagaaaaccatctccaaagccaaagggcagccccgagaaccacaggtg tacaccctgcccccatcccgggaggagatgaccaagaaccaggtcagcct gacctgcctggtcaaaggcttctatcccagcgacatcgccgtggagtggg agagcaatgggcagccggagaacaactacaagaccacgcctcccgtgctg gactccgacggctccttcttccctctatagcaagctcaccgtggacaagag caggtggcagcaggggaacgtcttctcatgctccgtgatgcatgaggctc tgcacaaccactacacgcagaagagcctctccctgtctccgggtggaggt ggtggaagcgctccaacttccctccctccactaagaagactcaattgcaatt ggagcacttggttggttgacttgcaaatgatcttgaatggtatcaataatt acaagaatccaaagttgactcggatgttgactttttaagttttacatgccaaagaaggctactgagttgaagcacttgcaatgtttggaggaggagttgaa gccattggaggagggttttgaatttggtcfaatccaagaattttcacttgc ggccacgggacttgatcCGCaatatcaatgtgatcggttttgaggtgaa ggttccgagactacttttatgtgtgagtacgctgacgagactgctactat cgttgagtttttgaatcggtggatcacttttgctcaatccatcatctcca ctttgact

IgG1Fc(N297G_delK)::G4S::hulL-2(N88A, C125A)

atggacatgagagtgccctgcacagctgctgggcctgctgctgctgtggct gagaggcgccagatgcgacaaaactcacacatgccacaccgtgccacgac ctgaactcctggggggaccgtcagtccttccctcttccccccaaaacccaag gacaccctcatgatctcccggacccctgaggtcacatgctgtggtggtgga cgtgagccacgaagaccctgaggtcaagttcaactggtacgtggacggcg tggaggtgcataatgccaagacaaaagccgaggaggagcagtacggcagc acgtaccgtgtggtcagcgtcctcaccgtcctgcaccaggactggctgaa

FIGURA 25CC

tggcaaggaggtacaagtgcaaggtctccaacaaagccctcccagccccca
 tcgagaaaaccatctccaaagccaaagggcagccccgagaaccacaggtg
 tacaccctgcccccatcccgggaggagatgaccaagaaccaggtcagcct
 gacctgcctggtcaaaggcttctatcccagcgacatcgccgtggagtgagg
 agagcaatgggcagccggagaacaactacaagaccacgcctcccgtgctg
 gactccgacggctccttcttctctatagcaagctcacccgtggacaagag
 caggtggcagcaggggaacgtcttctcatgctccgtgatgcatgaggctc
 tgcacaaccactacacgcagaagagcctctccctgtctccgggtggaggt
 ggtggaagcgctccaacttccctccactaagaagactcaattgcaatt
 ggagcacttggttggttgacttgcaaatgatcttgatgggtatcaataatt
 acaagaatccaaagttgactcggatggtgacttttaagttttacatgcc
 aagaaggctactgagttgaagcacttgcaatggttgaggaggaggttgaa
 gccattggaggagggttttgaaatttggtcfaatccaagaattttcacttgc
 ggccacgggacttgatctccGCTatcaatgtgatcggttttgaggttgaa
 ggttccgagactacttttatgtgtgagtacgctgacgagactgctactat
 cgttgagtttttgaaatcggtggatcacttttgctcaatccatcatctcca
 ctttgact

IgG1Fc(N297G_delK)::G4S::huIL-2(N88E, C125A)

atggacatgagagtgccctgcacagctgctgggcctgctgctgctgtggct
 gagaggcgccagatgagacaaaactcacacatgcccaccgtgccagcac
 ctgaactcctggggggaccgtcagcttctctctccccccaaaacccaag
 gacaccctcatgatctcccggaccctgaggtcacatgcgtggtggtgga
 cgtgagccacgaagaccctgaggtcaagttcaactggtacgtggacggcg
 tggaggtgcataatgccaaagacaaagccgcgggaggagcagtacggcagc
 acgtaccgtgtggtcagcgtcctcacccgtcctgcaccaggactggctgaa
 tggcaaggaggtacaagtgcaaggtctccaacaaagccctcccagccccca
 tcgagaaaaccatctccaaagccaaagggcagccccgagaaccacaggtg
 tacaccctgcccccatcccgggaggagatgaccaagaaccaggtcagcct
 gacctgcctggtcaaaggcttctatcccagcgacatcgccgtggagtgagg
 agagcaatgggcagccggagaacaactacaagaccacgcctcccgtgctg
 gactccgacggctccttcttctctatagcaagctcacccgtggacaagag
 caggtggcagcaggggaacgtcttctcatgctccgtgatgcatgaggctc
 tgcacaaccactacacgcagaagagcctctccctgtctccgggtggaggt
 ggtggaagcgctccaacttccctccactaagaagactcaattgcaatt
 ggagcacttggttggttgacttgcaaatgatcttgatgggtatcaataatt
 acaagaatccaaagttgactcggatggtgacttttaagttttacatgcc
 aagaaggctactgagttgaagcacttgcaatggttgaggaggaggttgaa
 gccattggaggagggttttgaaatttggtcfaatccaagaattttcacttgc
 ggccacgggacttgatctccGAGatcaatgtgatcggttttgaggttgaa
 ggttccgagactacttttatgtgtgagtacgctgacgagactgctactat
 cgttgagtttttgaaatcggtggatcacttttgctcaatccatcatctcca
 ctttgact

FIGURA 25DD

11

IgG1Fc(N297G_delK)::G4S::hulL-2(N88F, C125A)

atggacatgagagtgccctgcacagctgctgggcctgctgctgctgtggct
gagaggcgccagatgcgacaaaactcacacatgcccaccgtgcccagcac
ctgaactcctggggggaccgtcagtccttccctcttccccccaaaacccaag
gacaccctcatgatctcccggaaccctgaggtcacatgcgtgggtgggga
cgtgagccacgaagaccctgaggtcaagttcaactggtacgtggacggcg
tggaggtgcataatgccaaagacaaagccgcgaggaggagcagtagcgcagc
acgtaccgtgtgggtcagcgtcctcacccgtcctgcaccaggactggctgaa
tggcaaggagtacaagtgaaggtctccaacaaagccctcccagccccca
tcgagaaaaccatctccaaagccaaagggcagccccgagaaccacaggtg
tacaccctgcccccatcccgggaggagatgaccaagaaccaggtcagcct
gacctgcctgggtcaaaggcttctatcccagcgacatcgccgtggagtgagg
agagcaatgggagcgggagaacaactacaagaccacgcctcccgtgctg
gactccgacgggtccttcttctctatagcaagctcacccgtggacaagag
caggtggcagcaggggaacgtcttctcatgctccgtgatgcatgagggtc
tgcacaaccactacacgcagaagagccctctccctgtctccgggtggaggt
ggtggaagcgctccaacttccctccctccactaagaagactcaattgcaatt
ggagcacttggtgttggtgacttgcaaatgatcttgaatggtatcaataatt
acaagaatccaaagttgactcggatggtgacttttaagttttacatgccaa
aagaaggctactgagttgaagcacttgcaatggttgaggaggaggttgaa
gccattggaggaggttttgaaatttggtcfaatccaagaattttcacttgc
ggccacgggacttgatctccTTTatcaatgtgatcggttttgaggttgaa
ggttccgagactacttttatgtgtgagtagcgtgacgagactgctactat
cggtgagtttttgaaatcggtggatcacttttgctcaatccatcatctcca
ctttgact

IgG1Fc(N297G_delK)::G4S::hulL-2(N88G, C125A)

atggacatgagagtgccctgcacagctgctgggcctgctgctgctgtggct
gagaggcgccagatgcgacaaaactcacacatgcccaccgtgcccagcac
ctgaactcctggggggaccgtcagtccttccctcttccccccaaaacccaag
gacaccctcatgatctcccggaaccctgaggtcacatgcgtgggtgggga
cgtgagccacgaagaccctgaggtcaagttcaactggtacgtggacggcg
tggaggtgcataatgccaaagacaaagccgcgaggaggagcagtagcgcagc
acgtaccgtgtgggtcagcgtcctcacccgtcctgcaccaggactggctgaa
tggcaaggagtacaagtgaaggtctccaacaaagccctcccagccccca
tcgagaaaaccatctccaaagccaaagggcagccccgagaaccacaggtg
tacaccctgcccccatcccgggaggagatgaccaagaaccaggtcagcct
gacctgcctgggtcaaaggcttctatcccagcgacatcgccgtggagtgagg
agagcaatgggagcgggagaacaactacaagaccacgcctcccgtgctg
gactccgacgggtccttcttctctatagcaagctcacccgtggacaagag
caggtggcagcaggggaacgtcttctcatgctccgtgatgcatgagggtc
tgcacaaccactacacgcagaagagccctctccctgtctccgggtggaggt
ggtggaagcgctccaacttccctccctccactaagaagactcaattgcaatt
ggagcacttggtgttggtgacttgcaaatgatcttgaatggtatcaataatt

FIGURA 25EE

:

acaagaatccaaagttgactcggatgttgacttttaagttttacatgccaa
 aagaaggctactgagttgaagcacttgcaatgtttggaggaggagttgaa
 gccattggaggagggttttgaatttggtcfaatccaagaattttcacttgc
 ggccacgggacttgatctccGGTatcaatgtgatcgttttggagttgaag
 ggttccgagactacttttatgtgtgagtacgctgacgagactgctactat
 cgttgagtttttgaatcgggtggatcacttttgctcaatccatcatctcca
 ctttgact

IgG1Fc(N297G_delK)::G4S::hulL-2(N88M, C125A)

atggacatgagagtgccctgcacagctgctgggcctgctgctgctgtggct
 gagaggcgccagatgcgacaaaactcacacatgcccaccgtgccagcac
 ctgaactcctgggggggaccgtcagtccttctcttccccccaaaacccaag
 gacaccctcatgatctcccggacccctgaggtcacatgcgtgggtgggga
 cgtgagccacgaagaccctgaggtcaagttcaactggtagctggacggcg
 tggaggtgcataatgccaagacaaaagccgcgaggagcagtagcgcagc
 acgtaccgtgtgggtcagcgtcctcacccgtcctgcaccaggactggctgaa
 tggcaaggagtacaagtgcagggtctccaacaaagccctcccagcccca
 tcgagaaaaccatctccaaagccaaagggcagccccgagaaccacaggtg
 tacaccctgcccccatcccgggaggagatgaccaagaaccagggtcagcct
 gacctgcctgggtcaaaggcttctatcccagcgacatcgccgtggagtggg
 agagcaatgggcagccggagaacaactacaagaccacgcctcccgtgctg
 gactccgacggctccttcttctctatagcaagctcacccgtggacaagag
 caggtggcagcaggggaacgtcttctcatgctccgtgatgcatgaggctc
 tgcacaaccactacacgcagaagagcctctccctgtctccgggtggaggt
 ggtggaagcgctccaacttctcctccactaagaagactcaattgcaatt
 ggagcacttggttggttgacttgcaaatgatcttgaatggtatcaataatt
 acaagaatccaaagttgactcggatgttgacttttaagttttacatgccaa
 aagaaggctactgagttgaagcacttgcaatgtttggaggaggagttgaa
 gccattggaggagggttttgaatttggtcfaatccaagaattttcacttgc
 ggccacgggacttgatctccATGatcaatgtgatcgttttggagttgaag
 ggttccgagactacttttatgtgtgagtacgctgacgagactgctactat
 cgttgagtttttgaatcgggtggatcacttttgctcaatccatcatctcca
 ctttgact

IgG1Fc(N297G_delK)::G4S::hulL-2(N88S, C125A)

atggacatgagagtgccctgcacagctgctgggcctgctgctgctgtggct
 gagaggcgccagatgcgacaaaactcacacatgcccaccgtgccagcac
 ctgaactcctgggggggaccgtcagtccttctcttccccccaaaacccaag
 gacaccctcatgatctcccggacccctgaggtcacatgcgtgggtgggga
 cgtgagccacgaagaccctgaggtcaagttcaactggtagctggacggcg
 tggaggtgcataatgccaagacaaaagccgcgaggagcagtagcgcagc
 acgtaccgtgtgggtcagcgtcctcacccgtcctgcaccaggactggctgaa

FIGURA 25FF

tggcaaggagtacaagtgcaaggtctccaacaaagccctcccagccccca
 tcgagaaaaccatctccaaagccaaagggcagccccgagaaccacaggtg
 tacaccctgcccccatcccgggaggagatgaccaagaaccaggtcagcct
 gacctgcctgggtcaaaggttctatcccagcgacatcgccgtggagtggg
 agagcaatgggcagccggagaacaactacaagaccacgcctcccgtgctg
 gactccgacgggtccttcttctctatagcaagctcaccgtggacaagag
 caggtggcagcaggggaacgtcttctcatgctccgtgatgcatgaggctc
 tgcacaaccactacacgcagaagagcctctccctgtctccgggtggaggt
 ggtggaagcgctccaacttcctcctccactaagaagactcaattgcaatt
 ggagcacttggtgttgacttgcaaatgatcttgatggatcaataatt
 acaagaatccaaagttgactcggatggtgacttttaagttttacatgcc
 aagaaggctactgagttgaagcacttgcaatggttgaggaggaggtgaa
 gccattggaggagggttttgaatttggtcaatccaagaattttcacttgc
 ggccacgggacttgatctccAGTatcaatgtgatcggttttgaggtgaag
 ggttccgagactacttttatgtgtgagtacgctgacgagactgctactat
 cgttgagtttttgaatcgggtggatcacttttgctcaatccatcatctcca
 ctttgact

IgG1Fc(N297G_delK)::G4S::hulL-2(N88V, C125A)

atggacatgagagtgcctgcacagctgctgggctgctgctgctgtggct
 gagaggcgccagatgcgacaaaactcacacatgccaccgtgccagcac
 ctgaactcctggggggaccgctcagtccttcttccccccaaaacccaag
 gacaccctcatgatctcccggacccctgaggtcacatgcgtgggtggtgga
 cgtgagccacgaagaccctgaggtcaagttcaactggtacgtggacggcg
 tggaggtgcataatgccaaagacaaagccggcgggaggagcagtacggcagc
 acgtaccgtgtggtcagcgtcctcaccgtcctgcaccaggactggctgaa
 tggcaaggagtacaagtgcaaggtctccaacaaagccctcccagccccca
 tcgagaaaaccatctccaaagccaaagggcagccccgagaaccacaggtg
 tacaccctgcccccatcccgggaggagatgaccaagaaccaggtcagcct
 gacctgcctgggtcaaaggttctatcccagcgacatcgccgtggagtggg
 agagcaatgggcagccggagaacaactacaagaccacgcctcccgtgctg
 gactccgacgggtccttcttctctatagcaagctcaccgtggacaagag
 caggtggcagcaggggaacgtcttctcatgctccgtgatgcatgaggctc
 tgcacaaccactacacgcagaagagcctctccctgtctccgggtggaggt
 ggtggaagcgctccaacttcctcctccactaagaagactcaattgcaatt
 ggagcacttggtgttgacttgcaaatgatcttgatggatcaataatt
 acaagaatccaaagttgactcggatggtgacttttaagttttacatgcc
 aagaaggctactgagttgaagcacttgcaatggttgaggaggaggtgaa
 gccattggaggagggttttgaatttggtcaatccaagaattttcacttgc
 ggccacgggacttgatctccGTTatcaatgtgatcggttttgaggtgaag
 ggttccgagactacttttatgtgtgagtacgctgacgagactgctactat
 cgttgagtttttgaatcgggtggatcacttttgctcaatccatcatctcca
 ctttgact

FIGURA 25GG

IgG1Fc(N297G_delK)::G4S::hulL-2(N88W, C125A)

atggacatgagagtgcctgcacagctgctgggcctgctgctgctgtggct
gagaggcgccagatgcgacaaaactcacacatgccaccgtgccagcac
ctgaactcctggggggaccgtcagtccttctcttccccccaaaacccaag
gacaccctcatgatctcccggacccttgaggtcacatgcgtgggtgga
cgtgagccacgaagaccctgagggtcaagttcaactggtacgtggacggcg
tggagggtgcataatgccaaagacaaagccgcgaggaggagcagtacggcagc
acgtaccgtgtggtcagcgtcctcaccgctcctgcaccaggactggctgaa
tggcaaggagtacaagtgcagggtctccaacaaagccctcccagccccca
tcgagaaaaccatctccaaagccaaagggcagccccgagaaccacagggtg
tacaccctgcccccatcccgggaggagatgaccaagaaccagggtcagcct
gacctgcctgggtcaaaggcttctatcccagcgacatcgccgtggagtggg
agagcaatgggcagccggagaacaactacaagaccacgcctcccgtgctg
gactccgacggctccttcttctctatagcaagctcaccggtggacaagag
cagggtggcagcaggggaacgtcttctcatgctccgtgatgcatgaggctc
tgcacaaccactacacgcagaagagcctctccctgtctccgggtggagggt
gggtggaagcgctccaacttctcctccactaagaagactcaattgcaatt
ggagcacttgttgttgacttgcaaatgatcttgaaatgggtatcaataatt
acaagaatccaaagttgactcggatgttgacttttaagttttacatgccaa
aagaaggctactgagttgaagcacttgcaatgtttggaggaggaggtgaa
gccattggaggagggttttgaaatttggtcaatccaagaattttcacttgc
ggccacgggacttgatctccTGGatcaatgtgatcggttttgaggttgaa
ggttccgagactacttttatgtgtgagtacgctgacgagactgctactat
cgttgagtttttgaaatcggtggatcacttttgctcaatccatcatctcca
ctttgact

IgG1Fc(N297G_delK)::G4S::hulL-2(V91D, C125A)

atggacatgagagtgcctgcacagctgctgggcctgctgctgctgtggct
gagaggcgccagatgcgacaaaactcacacatgccaccgtgccagcac
ctgaactcctggggggaccgtcagtccttctcttccccccaaaacccaag
gacaccctcatgatctcccggacccttgaggtcacatgcgtgggtgga
cgtgagccacgaagaccctgagggtcaagttcaactggtacgtggacggcg
tggagggtgcataatgccaaagacaaagccgcgaggaggagcagtacggcagc
acgtaccgtgtggtcagcgtcctcaccgctcctgcaccaggactggctgaa
tggcaaggagtacaagtgcagggtctccaacaaagccctcccagccccca
tcgagaaaaccatctccaaagccaaagggcagccccgagaaccacagggtg
tacaccctgcccccatcccgggaggagatgaccaagaaccagggtcagcct
gacctgcctgggtcaaaggcttctatcccagcgacatcgccgtggagtggg
agagcaatgggcagccggagaacaactacaagaccacgcctcccgtgctg
gactccgacggctccttcttctctatagcaagctcaccggtggacaagag
cagggtggcagcaggggaacgtcttctcatgctccgtgatgcatgaggctc
tgcacaaccactacacgcagaagagcctctccctgtctccgggtggagggt

FIGURA 25HH

ggtggaagcgctccaacttcctcctccactaagaagactcaattgcaatt
 ggagcacttggttggtggacttgcaaatgatcttgaatgggtatcaataatt
 acaagaatccaaagttgactcggatggtgacttttaagttttacatgcc
 aagaaggctactgagttgaagcacttgcaatggttggaggaggagttgaa
 gccattggaggagggttttgaatttgggtcaatccaagaattttcacttgc
 ggccacgggacttgatctccaatatcaatGATatcggttttggagttgaag
 ggttccgagactacttttatgtgtgagtacgctgacgagactgctactat
 cggtgagtttttgaatcggtggatcacttttgcataatccatcatctcca
 ctttgact

IgG1Fc(N297G_delK)::G4S::hulL-2(V91E, C125A)

atggacatgagagtgccctgcacagctgctgggcctgctgctgctgtggct
 gagaggcgccagatgacgacaaaactcacacatgccaccgtgccagcac
 ctgaactcctgggggggaccgtcagtccttctcctccccccaaaacccaag
 gacaccctcatgatctcccggacccttgaggtcacatgctggtggtgga
 cgtgagccacgaagaccctgaggtcaagttcaactggtacgtggacggcg
 tggaggtgcataatgccaaagacaaagccgcgggaggagcagtacggcagc
 acgtaccgtgtggtcagcgtcctcaccgtcctgcaccaggactggctgaa
 tggcaaggagtacaagtgcaaggtctccaacaaagccctcccagcccca
 tcgagaaaaccatctccaaagccaaagggcagccccgagaaccacaggtg
 tacaccctgcccccatcccgggaggagatgaccaagaaccagggtcagcct
 gacctgcctggtcaaaggcttctatcccagcgacatcgccgtggagtggtg
 agagcaatgggacagccggagaacaactacaagaccacgcctcccgtgctg
 gactccgacggctccttcttctctatagcaagctcaccgtggacaagag
 caggtggcagcaggggaacgtcttctcatgctccgtgatgcatgaggctc
 tgcacaaccactacacgcagaagagcctctccctgtctccgggtggaggt
 ggtggaagcgctccaacttcctcctccactaagaagactcaattgcaatt
 ggagcacttggttggtggacttgcaaatgatcttgaatgggtatcaataatt
 acaagaatccaaagttgactcggatggtgacttttaagttttacatgcc
 aagaaggctactgagttgaagcacttgcaatggttggaggaggagttgaa
 gccattggaggagggttttgaatttgggtcaatccaagaattttcacttgc
 ggccacgggacttgatctccaatatcaatGAGatcggttttggagttgaag
 ggttccgagactacttttatgtgtgagtacgctgacgagactgctactat
 cggtgagtttttgaatcggtggatcacttttgcataatccatcatctcca
 ctttgact

IgG1Fc(N297G_delK)::G4S::hulL-2(V91G, C125A)

atggacatgagagtgccctgcacagctgctgggcctgctgctgctgtggct
 gagaggcgccagatgacgacaaaactcacacatgccaccgtgccagcac
 ctgaactcctgggggggaccgtcagtccttctcctccccccaaaacccaag
 gacaccctcatgatctcccggacccttgaggtcacatgctggtggtgga
 cgtgagccacgaagaccctgaggtcaagttcaactggtacgtggacggcg

FIGURA 25II

tggaggtgcataatgccaaagacaaagccgcgggaggagcagtacggcagc
 acgtaccgtgtggtcagcgtcctcaccgtcctgcaccaggactggctgaa
 tggcaaggagtacaagtgaaggtctccaacaaagccctcccagcccca
 tcgagaaaaccatctccaaagccaaagggcagccccgagaaccacaggtg
 tacaccctgcccccatcccgggaggagatgaccaagaaccaggtcagcct
 gacctgcctgggtcaaaggcttctatcccagcgacatcgccgtggagtggg
 agagcaatgggcagccggagaacaactacaagaccacgcctcccgtgctg
 gactccgacgggtccttcttctctatagcaagctcaccgtggacaagag
 caggtggcagcaggggaacgtcttctcatgctccgtgatgcatgaggctc
 tgcacaaccactacacgcagaagagcctctccctgtctccgggtggaggt
 ggtggaagcgctccaacttcctcctccactaagaagactcaattgcaatt
 ggagcacttggtgttgacttgcaaatgatcttgatgggtatcaataatt
 acaagaatccaaagttgactcggatggtgacttttaagttttacatgcc
 aagaaggctactgagttgaagcacttgcaatggttgaggaggaggtgaa
 gccattggaggagggttttgaatttggtcaatccaagaattttcacttgc
 ggccacgggacttgatctccaatatcaatGGGatcggttttgaggtgaag
 ggttccgagactacttttatgtgtgagtacgctgacgagactgctactat
 cgttgaggttttgaaatcgggtggatcacttttgctcaatccatcatctcca
 ctttgact

IgG1Fc(N297G_delK)::G4S::hulL-2(V91S, C125A)

atggacatgagagtgccctgcacagctgctgggcctgctgctgctgtggct
 gagaggcgccagatgcgacaaaactcacacatgccaccgtgcccagcac
 ctgaactcctggggggaccgctcagtccttcttccccccaaaacccaag
 gacaccctcatgatctcccggaaccctgaggtcacatgcgtggtggtgga
 cgtgagccacgaagaccctgaggtcaagttcaactggtacgtggacggcg
 tggaggtgcataatgccaaagacaaagccgcgggaggagcagtacggcagc
 acgtaccgtgtggtcagcgtcctcaccgtcctgcaccaggactggctgaa
 tggcaaggagtacaagtgaaggtctccaacaaagccctcccagcccca
 tcgagaaaaccatctccaaagccaaagggcagccccgagaaccacaggtg
 tacaccctgcccccatcccgggaggagatgaccaagaaccaggtcagcct
 gacctgcctgggtcaaaggcttctatcccagcgacatcgccgtggagtggg
 agagcaatgggcagccggagaacaactacaagaccacgcctcccgtgctg
 gactccgacgggtccttcttctctatagcaagctcaccgtggacaagag
 caggtggcagcaggggaacgtcttctcatgctccgtgatgcatgaggctc
 tgcacaaccactacacgcagaagagcctctccctgtctccgggtggaggt
 ggtggaagcgctccaacttcctcctccactaagaagactcaattgcaatt
 ggagcacttggtgttgacttgcaaatgatcttgatgggtatcaataatt
 acaagaatccaaagttgactcggatggtgacttttaagttttacatgcc
 aagaaggctactgagttgaagcacttgcaatggttgaggaggaggtgaa
 gccattggaggagggttttgaatttggtcaatccaagaattttcacttgc
 ggccacgggacttgatctccaatatcaatTCGatcggttttgaggtgaag
 ggttccgagactacttttatgtgtgagtacgctgacgagactgctactat

FIGURA 25JJ

cgttgagtttttgaatcgggtggatcacttttgc tcaatccatcatctcca
ctttgact

IgG1Fc(N297G_delK)::G4S::hulL-2(I92K, C125A)

atggacatgagagtgccctgcacagctgctgggcctgctgctgctgtggct
gagaggcgccagatgcgacaaaactcacacatgccaccgtgccagcac
ctgaactcctggggggaccgtcagtccttcctcttccccccaaaacccaag
gacaccctcatgatctcccggaccctgaggtcacatgcgtgggtgggga
cgtgagccacgaagaccctgaggtcaagttcaactggtacgtggacggcg
tggaggtgcataatgccaaagacaaagccgcgggaggagcagtacggcagc
acgtaccgtgtgggtcagcgtcctcaccgtcctgcaccaggactggctgaa
tggcaaggaggtacaagtgcaaggtctccaacaaagccctcccagcccca
tcgagaaaaaccatctccaaagccaaagggcagccccgagaaccacaggtg
tacaccctgcccccatcccgggaggagatgaccaagaaccagggtcagcct
gacctgcctgggtcaaaggcttctatcccagcgacatcgccgtggagtg
agagcaatgggcagccgggagaacaactacaagaccacgcctcccgtgctg
gactccgacggctccttcttctctatagcaagctcaccgtggacaagag
caggtggcagcaggggaacgtcttctcatgctccgtgatgcatgaggctc
tgcacaaccactacacgcagaagagcctctccctgtctccgggtggaggt
ggtggaagcgctccaacttcctcctccactaagaagactcaattgcaatt
ggagcacttggttggtggacttgcaaatgatcttgaatggtatcaataatt
acaagaatccaaagttgactcggatggtgacttttaagttttacatgcc
aagaaggctactgagttgaagcacttgcaatggttgaggaggaggtgaa
gccattggaggaggttttgaatttggtc caatccaagaattttcacttgc
ggccacgggacttgatctccaatatcaatgtgAAGgttttgaggttgaag
ggttccgagactacttttatgtgtgagtacgctgacgagactgctactat
cgttgagtttttgaatcgggtggatcacttttgc tcaatccatcatctcca
ctttgact

IgG1Fc(N297G_delK)::G4S::hulL-2(I92R, C125A)

atggacatgagagtgccctgcacagctgctgggcctgctgctgctgtggct
gagaggcgccagatgcgacaaaactcacacatgccaccgtgccagcac
ctgaactcctggggggaccgtcagtccttcctcttccccccaaaacccaag
gacaccctcatgatctcccggaccctgaggtcacatgcgtgggtgggga
cgtgagccacgaagaccctgaggtcaagttcaactggtacgtggacggcg
tggaggtgcataatgccaaagacaaagccgcgggaggagcagtacggcagc
acgtaccgtgtgggtcagcgtcctcaccgtcctgcaccaggactggctgaa
tggcaaggaggtacaagtgcaaggtctccaacaaagccctcccagcccca
tcgagaaaaaccatctccaaagccaaagggcagccccgagaaccacaggtg
tacaccctgcccccatcccgggaggagatgaccaagaaccagggtcagcct
gacctgcctgggtcaaaggcttctatcccagcgacatcgccgtggagtg
agagcaatgggcagccgggagaacaactacaagaccacgcctcccgtgctg

FIGURA 25KK

gactcogacgggtccttcttctctctatagcaagctcacogtggacaagag
caggtggcagcaggggaacgtcttctcatgctccgtgatgcatgaggctc
tgcacaaccactacacgcagaagagcctctccctgtctccgggtggaggt
ggtggaagcgctccaacttctctctccactaagaagactcaattgcaatt
ggagcacttggttggttgacttgcaaatgatcttgaatgggtatcaataatt
acaagaatccaaagttgactcggatggtgacttttaagttttacatgcc
aagaaggctactgagttgaagcacttgcaatggttgaggaggaggtgaa
gccattggaggaggttttgaatttggctcaatccaagaattttcacttgc
ggccacgggacttgatctccaatatcaatgtgAGAgttttggaggtgaa
ggttcogagactacttttatgtgtgagtaacgtgacgagactgctactat
cgttgagtttttgaatcgggtggatcacttttgctcaatccatcatctcca
ctttgact

IgG1Fc(N297G_delK)::G4S::hull-2(E95G, C125A)

atggacatgagagtgcctgcacagctgctgggcctgctgctgctgtggct
gagaggcgccagatgcgacaaaactcacacatgccaccgtgccacgac
ctgaactcttggggggacogtcagtcttctcttccccccaaaacccaag
gacacctcatgatctcccgacccctgaggtcacatgcgtgggtgggga
cgtgagccacgaagaccctgaggtcaagttcaactggtaactggacggcg
tggaggtgcataatgccaaagacaaagccgcgggaggagcagtaacggcagc
acgtaccgtgtgggtcagcgtctctcaccgtctctgaccaggactggctgaa
tggcaaggagtacaagtgaaggtctccaacaaagccctcccagcccca
tcgagaaaaccatctccaaagccaaagggcagccccgagaaccacaggtg
tacacctgcccccatccccgggaggagatgaccaagaaccaggtcagcct
gaectgcctgggtcaaaggcttctatcccagcgacatcgccgtggagtggg
agagcaatgggcagccggagagaacaactacaagaccacgcctcccgctgctg
gactcogacgggtccttcttctctatagcaagctcacogtggacaagag
caggtggcagcaggggaacgtcttctcatgctccgtgatgcatgaggctc
tgcacaaccactacacgcagaagagcctctccctgtctccgggtggaggt
ggtggaagcgctccaacttctctctccactaagaagactcaattgcaatt
ggagcacttggttggttgacttgcaaatgatcttgaatgggtatcaataatt
acaagaatccaaagttgactcggatggtgacttttaagttttacatgcc
aagaaggctactgagttgaagcacttgcaatggttgaggaggaggtgaa
gccattggaggaggttttgaatttggctcaatccaagaattttcacttgc
ggccacgggacttgatctccaatatcaatgtgatcgttttgGGGttgaag
ggttcogagactacttttatgtgtgagtaacgtgacgagactgctactat
cgttgagtttttgaatcgggtggatcacttttgctcaatccatcatctcca
ctttgact

FIGURA 25LL

Secuencias de Aminoácidos de Dominio Variable de Cadena Ligera

	FR1	CDR1	FR2	CDR2	FR3	CDR3	FR4
9D6	DI VMTQ TPLSLPVTLPGEPA SISC RSSQSLLSDSGE NTYLDWY LQKPGQSPQLLIY TLSYRAS GVPDRFSGSGTDFTLTISRLEPEDFAVYYC	<u>QYVSSPLT</u>	FGGGTKVEIKR				
2C3	EIVLTQSPGTL SLPGERATLS CRASQSFSSYLAVYQKPGQAPRLLIY GASSRATGI PDRFSGSGSGTDFTLTISRLEPEDFAVYYC	<u>QYVSSPLT</u>	FGGGTKVEIKR				
14C9	DI VLTQSPGTL SLPVTILGQPA SISC RSSHLLIHS DGNIT YLSW LQRPQGPAPRLLIY KISNRFSGV PDRFSGSGTDFTLTKISRVAEDGVYYC	<u>MQTIQPT</u>	FGGQTKVEIKR				
8B12	DI VMTQ TPLSSPVTILGQPA SISC RSSQNLVQSDGNIT YLSW LQRPQGPAPRLLIY KISNRFSGV PDRFSGSGTDFTLTKISRVAEDGVYYC	<u>MQTIQPT</u>	FGGQTKVEIKR				
16A4	DI VMTQ TPLSSPVTILGQPA SISC RSSQNLVQSDGNIT YLSW LQRPQGPAPRLLIY KISNRFSGV PDRFSGSGTDFTLTKISRVAEDGVYYC	<u>MQTIQPT</u>	FGGQTKVEIKR				
16E1	DI VMTQ TPLSSPVTILGQPA SISC RSSQNLVQSDGNIT YLSW LQRPQGPAPRLLIY KISNRFSGV PDRFSGSGTDFTLTKISRVAEDGVYYC	<u>MQTIQPT</u>	FGGQTKVEIKR				
13A1	DI VMTQ TPLSSPVTILGQPA SISC RSSHSLVHSDGNIT YLSW LQRPQGPAPRLLIY KISNRFSGV PDRFSGSGTDFTLTKISRVAEDGVYYC	<u>MQTIQPT</u>	FGGQTKVEIKR				
8F10	DI AMSQSLSLPVTLPGEPA SMC RSSQSLLHSNGFN YLDWY LQKPGSPQVLIY LGS DRAS GVPDRFSGSGTDFTLTKISRVAEDGVYYC	<u>MQALQPLT</u>	FGGGTKVEIKR				
12C4	DI VMTQSP LSLPVTLPGEPA SISC RSSQSLLHSNGFN YLDWY LQKPGSPQVLIY LGS DRAS GVPDRFSGSGTDFTLTKISRVAEDGVYYC	<u>MQALQPLT</u>	FGGGTKVEIKR				
9B12	DI VMTQSP LSLPVTLPGEPA SISC RSSQSLLHSNGFN YLDWY LQKPGSPQVLIY LGS DRAS GVPDRFSGSGTDFTLTKISRVAEDGVYYC	<u>MQALQPLT</u>	FGGGTKVEIKR				
3H5	DI VMTQ TPLSSPVTILGQPA SISC RSSQSLLVNDGSH T YLSW LQRPQGPAPRLLIY KISNRFSGV PDRFSGSGTDFTLTKISRVAEDGVYYC	<u>MQTIQPT</u>	FGGQTKVEIKR				
18A6	DI VMTQ TPLSSPVTILGQPA SISC RSSQSLLVNDGSH T YLSW LQRPQGPAPRLLIY KISNRFSGV PDRFSGSGTDFTLTKISRVAEDGVYYC	<u>MQTIQPT</u>	FGGQTKVEIKR				
10A6	DI VMTQ TPLSSPVTILGQPA SISC RSSQSLLVNDGSH T YLSW LQRPQGPAPRLLIY KISNRFSGV PDRFSGSGTDFTLTKISRVAEDGVYYC	<u>MQTIQPT</u>	FGGQTKVEIKR				
10H7	DI VMTQ TPLSSPVTILGQPA SISC RSSHNLVRS DGNIT YLSW LQRPQGPAPRLLIY KISNRFSGV PDRFSGSGTDFTLTKISRVAEDGVYYC	<u>MQATQPT</u>	FGGQTRLEIKR				
15A10	NI VMTQ TPLSSPVTILGQPA SISC RSSQSLLVQTDGNIT YLSW LQRPQGPAPRLLIY KISNRFSGV PDRFSGSGTDFTLTKISRVAEDGVYYC	<u>MQVTOPT</u>	FGGQTRLEIKR				
12D2	DI VMTQ TPLSSPVTILGQPA SISC RSSHNL IHS DGNIT YLSW LQRPQGPAPRLLIY KISNRFSGV PDRFSGSGTDFTLTKISRVAEDGVYYC	<u>MQTSQPT</u>	FGGGTKVEIKR				
9B10	DI VMTQ TPLSSPVTILGQPA SISC RSSHNL IHS DGNIT YLSW LQRPQGPAPRLLIY KISNRFSGV PDRFSGSGTDFTLTKISRVAEDGVYYC	<u>MQVTOPT</u>	FGGGTKVEIKR				
17D3	EIVLTQSPGTL SLPGERATLS CRASQSVSSSYLA WYQKPGQAPRLLIY GASSRATGI PDRFSGSGSGTDFTLTISRLEPEDFAVYYC	<u>QYVSSPLT</u>	FGGGTKVEIKR				
15G11	EIVLTQSPGTL SLPGERATLS CRASQSVSSSYLA WYQKPGQAPRLLIY GASSRATGI PDRFSGSGSGTDFTLTISRLEPEDFAVYYC	<u>QYVSSPLT</u>	FGGGTKVEIKR				
14D7	DI QMTQSPSSLSASVGDRTITCRASQTISSYLVNTYQKPGKAPKRLIY AASSFQSGVPSRFSGSGTDFTLTISRLEPEDFAVYYC	<u>QYVSSPLT</u>	FGGGTKVEIKR				
18F3	SYELTQPPSVSVSPQTARIACGDALPRKFAYNTYQKSGQAPVLVIVSEDSPRPSGIPERFSGSGSGTDFTLTISRLEPEDFAVYYC	<u>QYVSSPLT</u>	FGGGTKVEIKR				
17D9	DI QMTQSPSSLSASVGDRTITCRASQDIRDNLGNTYQKPGKAPKRLIY AASSLQSGVPSRFSGSGTDFTLTISRLEPEDFAVYYC	<u>QYVSSPLT</u>	FGGGTKVEIKR				
21F8	DI QMTQSPSSLSASVGDRTITCRASQDIRDNLGNTYQKPGKAPKRLIY AASSLQSGVPSRFSGSGTDFTLTISRLEPEDFAVYYC	<u>QYVSSPLT</u>	FGGGTKVEIKR				
22B9	DI QMTQSPSSLSASVGDRTITCRASQDIRDNLGNTYQKPGKAPKRLIY AASSLQSGVPSRFSGSGTDFTLTISRLEPEDFAVYYC	<u>QYVSSPLT</u>	FGGGTKVEIKR				
21D10	DI QMTQSPSSLSASVGDRTITCRASQDIRDNLGNTYQKPGKAPKRLIY AASSLQSGVPSRFSGSGTDFTLTISRLEPEDFAVYYC	<u>QYVSSPLT</u>	FGGGTKVEIKR				
14A6	DI QMTQSPSSLSASVGDRTITCRASQDIRDNLGNTYQKPGKAPKRLIY AASSLQSGVPSRFSGSGTDFTLTISRLEPEDFAVYYC	<u>QYVSSPLT</u>	FGGGTKVEIKR				
11D6	DI QMTQSPSSLSASVGDRTITCRASQDIEHDLGNTYQKPGKAPKRLIY AASTLPFGVPSRFSGSGTDFTLTISRLEPEDFAVYYC	<u>QYVSSPLT</u>	FGGGTKVEIKR				
10A9	DI VMTQ TPLSLPVTLPGEPA SISC RSSQSLLSDSGE NTYLDWY LQKPGQSPQLLIY TLSYRAS GVPDRFSGSGSGTDFTLTKISRVAEDGVYYC	<u>QYVSSPLT</u>	FGGGTKVEIKR				
16E3	DI VMTQ TPLSLPVTLPGEPA SISC RSSQSLLSDSGE NTYLDWY LQKPGQSPQLLIY TLSYRAS GVPDRFSGSGSGTDFTLTKISRVAEDGVYYC	<u>QYVSSPLT</u>	FGGGTKVEIKR				
14G7	DI QMTQSPSSLSASVGDRTITCRASQDIEHDLGNTYQKPGKAPKRLIY AASTLPFGVPSRFSGSGTDFTLTISRLEPEDFAVYYC	<u>QYVSSPLT</u>	FGGGTKVEIKR				
5H3	SYELTQPPSVSVSPQTARIACGDALPRKFAYNTYQKSGQAPVLVIVSEDSPRPSGIPERFSGSGSGTDFTLTISRLEPEDFAVYYC	<u>QYVSSPLT</u>	FGGGTKVEIKR				
2B12	SYELTQPPSVSVSPQTARIACGDALPRKFAYNTYQKSGQAPVLVIVSEDSPRPSGIPERFSGSGSGTDFTLTISRLEPEDFAVYYC	<u>QYVSSPLT</u>	FGGGTKVEIKR				
26H7	DI QMTQSPSSLSASVGDRTITCRASQDIEHDLGNTYQKPGKAPKRLIY AASTLPFGVPSRFSGSGTDFTLTISRLEPEDFAVYYC	<u>QYVSSPLT</u>	FGGGTKVEIKR				
26C12	DI QMTQSPSSLSASVGDRTITCRASQDIEHDLGNTYQKPGKAPKRLIY AASTLPFGVPSRFSGSGTDFTLTISRLEPEDFAVYYC	<u>QYVSSPLT</u>	FGGGTKVEIKR				
2H11	SYELTQPPSVSVSPQTARIACGDALPRKFAYNTYQKSGQAPVLVIVSEDSPRPSGIPERFSGSGSGTDFTLTISRLEPEDFAVYYC	<u>QYVSSPLT</u>	FGGGTKVEIKR				
18H9	DI QMTQSPSSLSASVGDRTITCRASQDIEHDLGNTYQKPGKAPKRLIY AASTLPFGVPSRFSGSGTDFTLTISRLEPEDFAVYYC	<u>QYVSSPLT</u>	FGGGTKVEIKR				

FIGURA 26

Secuencias de Ácido Nucleico de Cadena Ligera

9D6

GATATTGTGATGACCCAGACTCCACTCTCCTTGCCCGTCACCCCTGGAGAGCCGGCCTCCATCTCCTGCAGGTCTAG
 TCAGAGCCTCTTAGATAGTGATGAGGGAAACACCTATTTGGACTGGTACCTGCAGAAGCCAGGGCAGTCTCCACA
 GCTCCTGATCTATACGCTTTCCTATCGGGCCTCTGGAGTCCCAGACAGGTTCA GTGGCACTGGGTGAGACTGAT
 TTCACACTGAAAATCAGCAGGGTGGAGGCTGAGGATGTTGGAGTTTATTACTGCATGCAACGTATAGAGTTTCCTC
 TCACTTTCGGCGGAGGGACCAAGGTGGAGATCAAACGA

2C3

GAAATTGTATTGACGCAGTCTCCAGGCACCCGTGCTTTGTCTCCAGGGGAAAGAGCCACCCCTCTCCTGCAGGGCCA
 GTCAGAGTTTTAGCAGCAGCTACTTAGTCTGGTACCAGCAGAAACCTGGCCAGGCTCCAGGCTCCTCATCTATGG
 TGCATCCAGCAGGGCCACTGGCATCCCAGACAGGTTCCGGTGGCAGTGGGTCTGGGACAGACTTCACTCTCACCAT
 CAGCAGACTGGAGCCTGAAGATTTGCAGTGTATTACTGTCAGCAGTATGGTAGCTCACCTCTCACTTTCGGCGGA
 GGGACCAAGGTGGAGATCAAACGA

14C9

GATATTGTGCTGACCCAGACTCCACTCTCCTCACCTGTCACCCCTGGACAGCCGGCCTCCATCTCCTGCAGGTCTAG
 TCATCACCTCATACAGTGATGGAAACACCTACTTGAGTTGGCTTCAGCAGAGGCCAGGCCAGCCTCCAAGACTC
 CTAATTTATAAGATTTCTAACCGGTTCTCTGGGGTCCCAGACAGATTCACTGGCAGTGGGACAGGGACAGATTTCA
 CACTGAAAATCAGCAGGGTGGAGCTGGGGATGTCGGGGTTTATTACTGCATGCAAACCTACACAATTTCCGACGT
 TCGGCCAAGGGACCAAGGTGGAAATCAAACGA

8B12

GATATTGTGATGACCCAGACTCCACTCTCCTCACCTGTCACCCCTGGACAGCCGGCCTCCATCTCCTGCAGGTCCAG
 TCAAAACCTCGTTCAAAGTGATGGAAACACCTACTTGAGTTGGCTTCACCAGAGGCCAGGCCAGCCTCCAAGACTC
 CTAATTTATAAGATTTCTAACCGGTTCTCTGGGGTCCCAGACAGATTCACTGGCAGTGGGGCAGGGACAGATTTCA
 CACTGAAAATCAGCAGGGTGGAGCTGAGGATGTCGGGGTTTATTCTGCATGCAAACCTACACAATTTCCGACGTT
 CGGCCAAGGGACCAAGGTGGAAATCAAACGA

FIGURA 27A

16A4

GATATTGTGATGACCCAGACTCCACTCTCCTCACCTGTACCCCTGGACAGCCGGCCTCCATTCCTGCAGGTCTAG
TCAAATCCTCGTAAACAGTGATGGAAACACCTACTTGAGTTGGCTTCACCAGAGGCCAGGCCAGCCTCCAAGACTC
CTAATTTATAAGATTCTAACC GGTTCTCTGGGGTCCCAGACAGATTCA GTGGCAGTGGGGCAGGGACAGATTTC
CACTGAAAATCAGCAGGGTGGAACTGAGGATGTCGGGGTTTATTACTGCATGCAAACCTACACAATTTCCGACGT
TCGGCCAAGGGACCAAGGTGGAAATCAAACGA

16E1

GATATTGTGATGACCCAGACTCCACTCTCCTCACCTGTACCCCTGGACAGCCGGCCTCCATCTCCTGCAGGTCTAG
TCAAAGCCTCGTACGCAGTGATGGAAACACCTACTTGAGTTGGCTTCACCAGAGGCCAGGCCAGCCTCCAAGACT
CCTAATTTATAAGATTCTAACC GGTTCTCTGGGGTCCCAGACAGATTCA GTGGCAGTGGGGCAGGGACAGATTTC
AACTGAAAATCAGCAGGGTGGAACTGAGGATGTCGGGGTTTATTACTGCATGCAAACCTACACAATTTCCGACG
TTCGGCCAAGGGACCAAGGTGGAAATCAAACGA

13A1

GATATTGTGATGACCCAGACTCCACTCTCCTCACCTGTACCCCTGGACAGCCGGCCTCCATCTCCTGCAGGTCTAG
TCACAGCCTCGTACACAGTGATGGACACACCTACTTGAGTTGGCTTCAGCAGAGGCCAGGCCAGCCTCCAAGACTC
CTACTTTATAAGATTCTAACC GGTTCTCTGGGGTCCCAGACAGATTCA GTGGCAGTGGGGCAGGGACAGATTTC
CACTGAAAATCAGCAGGGTGGAACTGAGGATGTCGGGGTTTATTACTGCATGCAAACCTACACAATTTCCACTTT
CGGCGGAGGGACCAAGGTGGAGATCAAACGA

8F10

GATATTGCGATGAGTCAGTCTCCACTCTCCCTGCCCGTCACCCCTGGAGAGCCGGCCTCCATGTCATGCAGGTCTA
GTCAGAGCCTCCTGCATAGTAATGGATTCAACTATTTGGATTGGTACCTGCAGAAGCCAGGGCAGTCTCCACAGGT
CCTGATCCATTTGGGTTCTGATCGGGCCTCCGGGGTCCCTGACAGGTTCA GTGGCAGTGGATCAGGCACAGATTTT
ACATTGAAAATCAGCAGAGTGGAGGCTGAGGATGTTGGAATTTATTACTGCATGCAAGCTCTACAAACTCCTCTCA
CTTCGGCGGAGGGACCAAGGTGGAGATCAAACGA

FIGURA 27B

12C4

GATATTGTGATGACTCAGTCTCCACTCTCCCTGCCCGTCACCCCTGGAGAGCCGGCCTCCATCTCCTGCAGGTCTAG
 TCAGAGCCTCCTACATAGTAATGGATTCAACTATTTGGATTGGTTCTGCAGAAGCCAGGACAGTCTCCACAGCCC
 CTGATCTATTTGGGTTCTGATCGGGCCTCCGGGGTCCCTGACAGGTTCAAGTGGCAGTGGATCAGGCACAGATTTTA
 CACTGAAAATCAGCAGAGTGGAGGCTGAGGATGTTGGGGTTTATTACTGCATGCAAGCTCTACAACTCCGCTCA
 CTTTCGGCGGAGGGACCAAGGTGGAGATCAAACGA

9B12

GATATTGTGATGACTCAGTCTCCACTCTCCCTGCCCGTCACCCCTGGAGAGCCGGCCTCCATCTCCTGCAGGTCTAG
 TCAGAGCCTCCTGCATAGTAATGGATTCAACTATTTGGATTGGTACCTGCAGAAGCCAGGGCAGTCTCCACAGCTC
 CTGATCTATTTGGGTTCTGATCGGGCCTCCGGGGTCCCTGACAGGTTCAAGTGGCAGTGGATCAGGCACAGATTTTA
 CACTGAAAATCAGCAGAGTGGAGGCTGAGGATGTTGGGGTTTATTACTGCATGCAAGCTCTACAACTCCGCTCA
 CTTTCGGCGGAGGGACCAAGGTGGAGATCAAACGA

3H5

GATATTGTGATGACCCAGACTCCACTCTCCTCACCTGTCACCCCTGGACAGCCGGCCTCCATATCCTGCAGGTCCAG
 TCAAAGCCTCGTAAACATTGATGGAAGTACCCACTTGAGTTGGCTTCAGCAGAGGCCAGGCCAGCCTCCAAGACT
 CCTAATTTATAAGATTCTAACCGTTCTCTGGGGTCCCAGACAGATTCAAGTGGCAGTGGGGCAGGGACAGATTTT
 AACTGAAGATCAGCAGGGTGAAGCTGAGGATGTCGGGGTTTATTACTGCATGCAAACTACACAATTTCCACCC
 TTCGGCCAAGGGACACGACTGGAGATTAAACGA

18A6

GAAATTGTGATGACCCAGACTCCACTCTCCTCACCTGTCACCCCTGGACAGCCGGCCTCCATTTCTGCAGGTCTAG
 TCAAAGCCTCGTTCAGAGTGATGGAATCACCTACTTGAGTTGGCTTCAGCAGAGGCCAGGCCAGCCTCCAAGACTC
 CTAATTTATAAGATTTCTAACCGTTCTCTGGGGTCCCAGACAGATTCAAGTGGCAGTGGGGCAGGGACAGATTTCA
 CACTGAAAATCAGCAGGGTGAAGCTGAGGATGTCGGGGTTTATTACTGCATGCAAACTACACAATTTCCGACGT
 TCGGCCAAGGGACCAAGGTGGAAATCAAACGA

FIGURA 27C

10A6

GATATTGTGATGACCCAGACTCCACTCTCCTCACCTGTCACCCCTGGACAGCCGGCCTCCATCTCCTGCAGGTCTAG
 TCAAAGCCTCGTAAACAGTGATGGAAACACCTACTTGAATTGGCTTCAGCAGAGGCCAGGCCAGCCTCCAAGACT
 CCTAATTTATAAGATTTCTAACCGGTTCTCTGGGGTCCCAGACAGATTCAGTGGCAGTGGGGCAGGGACAGATTT
 ACACTGAAAATCAGCAGGGTGGAAGCTGAGGATGTCGGGGTTTATTACTGCATGCAAGCTACACAATTTCCGACG
 TTCGGCCAAGGGACCAAGGTGGAAATCAAACGA

10H7

GATATTGTGATGACCCAGACTCCACTCTCCTCACCTGTCACCCCTGGACAGCCGGCCTCCATCTCCTGCAGGTCCAG
 TCACAACCTCGTACGCAGTGATGGAAACACCTACTTGAGTTGGCTTCAGCAGAGGCCAGGCCAGCCTCCAAGACT
 CCTAATTTATAAGATTTCTAACCGGTTCTCTGGGGTCCCAGACAGATTCAGTGGCAGTGGGGCAGGGACAGATTT
 ACACTGAAAATCAGCAGGGTGGGAGCTGAGGATGTCGGGGTTTATTACTGCATGCAAGCTACACAATTTCCACC
 TTCGGCCAAGGGACGCGACTGGAGATTAAACGA

15A10

AATATTGTGATGACCCAGACTCCACTCTCCTCACCTGTCACCCCTGGACAGCCGGCCTCCATCTCCTGCAGGTCTAG
 TCAAAGCCTCGTACAACTGATGGAAACACATATTTGAGTTGGCTTCAGCAGAGGCCAGGCCAGCCTCCAAGACC
 CCTAATTTATAAGATTTCTAACCGGTTTTCTGGGGTCCCAGACAGATTCAGTGGCAGTGGGGCAGGGACAGATTT
 ACACTGAAAATCAGCAGGGTGGGAGCTGAGGATGTCGGGGTTTATTACTGCATGCAAGTAACACAATTTCCACC
 TTCGGCCAAGGGACACGACTGGAGATTAAACGA

12D2

GATATTGTGATGACCCAGACTCCACTCTCCTCACCTGTCACCCCTGGACAGCCGGCCTCCATCTCCTGTAGGTCTAG
 TCATAACCTCATACACAGTGATGGAAACACCTACTTGAGTTGGCTTCACCAGAGGCCAGGCCAGCCTCCAAGACTC
 CTAATTTATAAGATTTCTAACCGGTTCTCTGGGGTCCCGACAGATTCAGTGGCAGTGGGGCAGGGACAGATTTCA
 CACTGAAAATCAGCAGGGTGGGAGCTGAGGATGTCGGGGTTTATTACTGCATGCAAACTTCACAGTTTCCCACTTT
 CGGCGGAGGGACCAAGGTGGAGATCAAACGA

FIGURA 27D

9B10

GATATTGTGATGACCCAGACTCCACTCTCCTCACCTGTACCCTTGGACAGCCGGCCTCCATCTCCTGCAGGTCTAG
TCATAACCTCCTACACAGTGATGGAAACACCTACTTGAGTTGGCTTCAGCAGAGGCCAGGCCAGCCTCCAAGACTC
CTAATTTATGAGATTTCTAACCGGTTCTCTGGGGTCCCAGACAGATTCAAGTGGCAGTGGGGCAGGGACAGATTTCA
CACTGAAAATCAGCAGGGTGGGAAGCTGAGGATGTCGGGGTTTATTACTGCATGCAAGTTACACAATTTCCCACTTT
CGGCGGCGGGACCAAGGTGGAGATCAAACGA

17D3

GAAATTGTGTTGACGCAGTCTCCAGGCACCCTGTCTTTGTCTCCAGGGGAAAGAGCCACCCTCTCCTGCAGGGCCA
GTCAGAGTGTTAGCAGCAGTACTTAGCCTGGTACCAGCAGAAACCTGGCCAGGCTCCCAGGCTCCTCATCTATGG
TGCATCCAGCAGGGCCACTGGCATCCCAGACAGGTTCAAGTGGCAGTGGGTCTGGGACAGACTTCACTCTCACCAT
CAGCAGACTGGAGCCTGAAGATTTTGCAGTGTATTACTGTCAGCAGTATGGTAGCTCACCGCTCACTTTCGGCGGA
GGGACCAAGGTGGAGATCAAACGA

15G11

GAAATTGTGTTGACGCAGTCTCCAGGCACCCTGTCTTTGTCTCCAGGGGAAAGAGCCACCCTCTCCTGTAGGGCCA
GTCAGAGTGTTAGCAGCAGTACTTAGCCTGGTACCAGCAGAAACCTGGCCAGGCTCCCAGGCTCCTCATCCATG
GTCCATTACAGCAGGGCCACTGGCATCCCAGACAGGTTCAAGTGGCAGTGGGTCTGGGACAGATTTCACTCTCACCAT
CAGCAGACTGGAGCCTGAAGATTTTGCAGTGTATTACTGTCAGCAGTATGGTAATTCATCGATCACCTTCGGCCAA
GGGACACGACTGGAGATTAAACGA

14D7

GACATCCAGATGACCCAGTCTCCATCCTCCCTGTCTGCATCTGTAGGAGACAGAGTCACCATCACTTGCCGGGCAA
GTCAGACCATTAGCAGTTATTTAAATTGGTATCAGCAGAAACCAGGGAAAGCCCCTAAGGTCCTGATCTATGCTGC
ATCCAGTTTCAAAGTGGGGTCCCATCAAGGTTCAAGTGGCAGTGGATCTGGGACAGATTTCACTCTCACCATCAGC
AGTCTGCAACCTGAAGATTTTGCAACTTACTACTGTCAACAGAGTCACTATATCCCTCGGACGTTTCGGCCAAGGGA
CCAAGGTGGAAATCAAACGA

FIGURA 27E

18F3

TCCTATGAGCTGACACAGCCACCCTCGGTGTCAGTGTCCCAGGACAAACGGCCAGGATCGCCTGCTCTGGAGAT
GCATTGCCAAGAAAATTTGCTTATTGGTACCAGCAGAAGTCAGGCCAGGCCCTGTGCTGGTCATCTCTGAGGACA
GCAGACGACCCTCCGGGATCCCTGAGAGATTCTCTGGCTCCAGCTCAGGGACAATGGCCACCTTGACTATCAGTG
GGGCCAGGTGGAGGATGAAGCTGACTACTACTGTTTCTCAACAGACAGCAGTGCTAATCATAGGGTATTCGGCG
GAGGGACCAAGCTGACCGTCCTAGGT

17D9

GACATCCAGATGACCCAGTCTCCATCCTCCCTGTCTGCATCTGTAGGAGACAGAGTCACCATCACTTGCCGGGCAA
GTCAGGACATTAGAAATGATTTAGGCTGGTATCAGCAGAAACCAGGGAAAGCCCCTAAGCGCCTGATCTATGCTG
CATCCAGTTTGAAAGTGGGGTCCCATCAAGGTTAGCGGCAGTGGATCTGGGACAGAATTCACCTCTACAATCG
GCAGCCTGCAGCCTGAAGATTTTACAACCTTATTACTGTCTACAGCATAATAGTTACCCGCTCACTTTCGGCGGAGG
GACCAAGGTGGAGATCAAACGA

21F8

GACATCCAGATGACCCAGTCTCCATCCTCCCTGTCTGCATCTGTAGGAGACAGAGTCACCATCACTTGCCGGGCAA
GTCAGGGCATTAGAGATGATTTAGGCTGGTATCAGCAGAAACCAGGGAAAGCCCCTAAGCGCCTGATCTATATTG
CAACCAGTTTGAAAGTGGGGTCCCATCAAGGTTAGCGGCAGTGGATCTGGGACAGAATTCACCTCTACAATCA
GCAGCCTGCAGCCTGAAGATTTTGCAACTTATTACTGTCTACAGCATATTAGTTACCCGTGGACGTTTCGGCCAAGG
GACCAAGGTGGAAATCAAACGA

22B9

GACATCCAGATGACCCAGTCTCCATCCTCCCTGTCTGCATCTGTAGGAGACAGAGTCACCATCACTTGCCGGGCAA
GTCAGGACATCAGAGATGATTTAGGCTGGTATCAGCAGAAACCAGGGAAAGCCCCTAAGCGCCTGATCTATGTTG
CATCCAGTTTGAAAGTGGGGTCCCATCAAGGTTAGCGGCAGTGGATCTGGGACAGAATTCACCTCTACAATCA
GCAGCCTGCAGCCTGAAGATTTTGCAACTTATTACTGTCTACAGCATATTAGTTACCCGTGGACGTTTCGGCCAAGG
GACCAAGGTGGAAATCAAACGA

FIGURA 27F

21D10

GACATCCAGATGACCCAGTCTCCATCCTCCCTGTCTGCATCTGTAGGAGACAGAGTCACCATCACTTGCCGGGCAA
 GTCAGGACATTAGAGATGATTTAGGCTGGTATCAGCAGAAACCAGGGAAAGCCCCTAAGCGCCTGATCTATGTTG
 TATCCAGTTTGCAAAGTGGGGTCCCATCAAGGTTTCAGCGGCAGTGGATCTGGGACAGAGTTCACTCTACAATCA
 GCAGCCTGCAGCCTGAAGATTTTGAACCTTATTACTGTCTACAGCATAATGGTTACCCGTGGACGTTTCGGCCAAGG
 GACCAAGGTGGAAATCAAACGA

14A6

GACATCCAGATGACCCAGTCTCCATCCTCCCTGTCTGCATCTGTAGGAGACAGAGTCACCATCACTTGCCGGGCAA
 GTCAGGGCATTGGAGATGATTTAGGCTGGTATCAGCAGAAAGCCAGGAAAAGCCCCCTCAGCGCCTGATCTATTCTG
 CATCCAGTTTGCCAAGTGGGGTCCCATCAAGGTTTCAGCGGCAGTGGATCTGGGACAGAATTCCTCTACAATCA
 GCAGCCTGCAGCCTGAAGATTTTGAACCTTATTACTGTCTACAGCATAATAGTTACCCCTCGCAGTTTGGCCAGGG
 GACCAAGCTGGAGATCAGACGA

11D6

GACATCCAGATGACCCAGTCTCCATCCTCCCTGTCTGCATCTGTAGGAGACAGAGTCACCATCACTTGCCGGGCAA
 GTCAGGACATTGAACATGATTTAGGCTGGTATCAGCAGAAACCAGGGAAAGCCCCTAAGCGCCTGATCTATGCTG
 CATCCACTTTGCCAAGTGGGGTCCCATCAAGGTTTCAGCGGCAGTGGATCTGGGACAGAATTCCTCTACAATCAG
 CAGCCTGCAGCCTGAAGATTTTGAACCTTATTACTGTCTACAGCATAATAGTTTCCCTCGCAGTTTGGCCAGGGGA
 CCCAGCTGGAGATCAAACGA

10A9

GATATTGTGATGACCCAGACTCCACTCTCCCTGCCCCTGACCCCTGGAGAGCCGGCCTCCATCTCCTGCAGGTCTAC
 TCAGAGCCTCTTGATGGTGATGATGGAAACACCCCTTTGGACTGGTACCTGCAGAAGCCAGGGCAGTCTCCACA
 GCTCCTGATCTATACGCTTTCCTATCGGGCCTCTGGAGTCCAGACAGGTTTCAGTGGCAGTGGGTGAGGCAGTCTGAT
 TTCACACTGAAAATCAGCAGGGTGGAGGCTGAGGATGTTGGAGTTTATTACTGCATGCAACGTTTAGAGTTTCCTC
 TCACTTTCGGCGGAGGGACCAAGGTGGAGATCAAACGA

FIGURA 27G

16E3

GACATTGTGATGACCCAGACTCCACTCTCCTTGCCCGTCACCCCTGGAGAGCCGGCCTCCATCTCCTGCAGGTCTAG
TCAGAGCCTCTTGGATAGTGATGAAGGAAACACCTTTTTGGATTGGTACCTGCAGAAGCCAGGGCAGCCTCCACA
GCTCCTGATCTATACGCTTTCCTATCGGGCCTCTGGAGTCCCAGACAGGTTCACTGGCAGTGGGTCAGGCACTGAT
TTCACACTGAAAATCAGCAGGGTGGAGGCTGAGGATGTTGGAGTTTATTACTGCATGCAACGTATAGAGTTTCCTC
TCACTTTCGGCGGAGGGACCAAGGTGGAGATCAAACGA

14G7

GACATCCAGATGACCCAGTCTCCATCCTCCCTGTCTGCATCTGTAGGAGACAGAGTCACCATCACTTGCCAGGCGA
GTCAGGACATTAGCAACTATTTAAATTGGTATCAGCAGAAACCAGGGAAAGCCCCTAAGCTCCTGATCTACGATGC
ATCCAATTTGGAAACAGGGTCCCATCAAGGTTCACTGGAAGTGGATCTGAGACAGATTTTACTTTCACCATCAGC
AGCCTGCAGCCTGAAGATATTGCAACATATTACTGTCAACAGTATGAAAATCTCCATTCACTTTCGGCCCTGGGAC
CAAAGTGGATATCAAACGA

5H3

TCCTATGAGCTGACACAGCCACCCTCGGTGTCAGTGTCCCCAGGACAGACGGCCAGGATCACCTGCTCTGGAGAT
GCATTGCCAAGGCAATATGCTTATTGGTACCAGCAGAAGCCAGGCCAGGCCCTATGCTGGTGATATATAAAGAC
AGTGAGAGGCCCTCAGGGATCCCTGAGCGATTCTCTGGCTCCAGCTCAGGGACAACAGTCACGTTGACCATCAGT
GGAGTCCAGGCAGAAAGACGAGGCTGACTATTACTGTCAATCAGCAGACAGCAGTGGTACTTATGTGGTATTCGGC
GGAGGGACCAAGCTGACCGTCCTAGGT

2B12

TCCTATGAGCTGACACAGCCACCCTCGGTGTCAGTGTCCCCAGGACAAACGGCCAGGATCACCTGCTCTGGAGAT
GCATTGCCAAGAAAATATGCTTATTGGTACCAGCAGAAGTCAGGCCAGGCCCTGTGCTGGTCATCTATGAGGAC
AGCAAACGACCCTCCGGGATCCCTGAGAGATTCTCTGGCTCCAGCTCAGGGACAATGGCCACCTTGACTATCAGTG
GGGCCAGGTGGAGGACGAAGCTGACTACTACTGTTACTCAACAGACAGCAGTGGTAATCATTATGTCTTCGGAA
CTGGGACCAAGGTCACCGTCCTAGGT

FIGURA 27H

26H7

GACATCCAGATGACCCAGTCTCCATCCTCCCTGTCTGCATCTGTAGGAGACAGAGTCACCATCACTTGCCAGGCGA
 GTCAGGACATTAGCAACTATTTAAATTGGTATCAGCAGAAACCAGGGAAAGCCCCTAAGTTCCTGATCTACGATGC
 ATCCAATTTGGAAACAGGGGTCCCATCAAGGTTCAGTGGAAGTGGATCTGGGACAGATTTTTTTTACCATCAGC
 AACCTGCAGCCTGAAGATATTGCAACATATTTCTGTCAACAGGATGATAATCTCCCATTCACTTTCGGCCCTGGGAC
 CAAAGTGGATATCAAACGA

26C12

GACATCCAGATGACCCAGTCTCCATCCTCCCTGTCTGCATCTGTAGGAGACAGAGTCACCATCACTTGCCAGGCGA
 GTCAGGACATTAGCAACTATTTAAATTGGTATCAGCAGAAACCAGGGAAAGCCCCTAAACTCCTGATCTACGATGC
 ATCCAATTTGGAAACAGGGGTCCCATCAAGGTTCAGTGGAAGTGGATCTGGGACAGATTTTACTTTCACCATCAGC
 AGCCTGCAGCCTGAAGATATTGCAACATTTTACTGTCAACAGTATGATAATCTCCCATTCACTTTCGGCCCTGGGAC
 CAAAGTGGATATCAAACGA

2H11

TCCTATGAGCTGACACAGCCACCTCGGTGTCAGTGTCCCAGGACAAACGGCCAGGATCACCTGCTCTGGAGAT
 GCATTGCCAAGAAAATTTGCTTATTGGTACCAGCAGAAGTCAGGCCAGGCCCTGTGCTGGTCATCTATGAGGAC
 AGGAAACGACCTCCGGGATCCCTGAGAGATTCTTGCTCCAGCTCAGGGACAATGGCCACCTTGACTATCAGT
 GGGGCCCAGGTGGAGGATGAAGCTGACTACTACTGTTACTCAACAGACCGCAGTGGTGATCATGTGGTATTCGGC
 GGAGGGACCAAGCTGACCGTCCTAGGT

18H9

GACATCCAGATGACCCAGTCTCCATCTTCCGTGTCTGCATCTGTAGGAGACAGAGTCACCATCACTTGTCGGGCGA
 GTCAGGGTATTAGCAACTGGTTAGTCTGGTATCAGCAGAAACCAGGGAAACCCCTAAACTCCTGATCTATGCTGC
 ATCCAGTTTGCAAAATGGGGTCCCATCAAGATTCAGCGGCAGTGGATCTGGGACAGATTTCACTCTCACCATCAGC
 AGCCTGCAGACTGAAGATTTTGCAACTTACTATTGTCAACAGGCTCTCAGTTTCCCGTGGACGTTTCGGCCCAGGGA
 CCAAGGTGGAAGTCAAACGA

FIGURA 27I

Secuencias de Aminoácidos de Dominio Variable de Cadena Pesada

	FR1	COR1	FR2	COR2	FR3	COR3	FR4
9d6	EVQLVDSGAEVKKPESLSLKISCKGSGYRFTSYWIGWVRQMPCKGLEWNGIIHPGSDSTRYSPSPQG	WVTISADKSI	STAYLQWSSLSKASDTAIYYCTH	QGRSYTYGMDVWGGGTTVTWSS			
2C3	EVQLVDSGAEVKKPESLSLKISCKGSGYRFTSYWIGWVRQMPCKGLEWNGIIHPGSDSTRYSPSPQG	WVTISADKSI	STAYLQWSSLSKASDTAIYYCTH	QGRSYTYGMDVWGGGTTVTWSS			
14C9	QVQLVDSGGGWQPGKSLRLSCAASGFTFSYDIEHWVRQAPGKGLWVAIVTWDGSEHYADSVKVG	WVTISADKSI	STAYLQWSSLSKASDTAIYYCTH	QGRSYTYGMDVWGGGTTVTWSS			
8B12	QVQLVDSGGGWQPGKSLRLSCAASGFTFSYDIEHWVRQAPGKGLWVAIVTWDGSEHYADSVKVG	WVTISADKSI	STAYLQWSSLSKASDTAIYYCTH	QGRSYTYGMDVWGGGTTVTWSS			
16A4	QVQLVDSGGGWQPGKSLRLSCAASGFTFSYDIEHWVRQAPGKGLWVAIVTWDGSEHYADSVKVG	WVTISADKSI	STAYLQWSSLSKASDTAIYYCTH	QGRSYTYGMDVWGGGTTVTWSS			
16B1	QVQLVDSGGGWQPGKSLRLSCAASGFTFSYDIEHWVRQAPGKGLWVAIVTWDGSEHYADSVKVG	WVTISADKSI	STAYLQWSSLSKASDTAIYYCTH	QGRSYTYGMDVWGGGTTVTWSS			
13A1	QVQLVDSGGGWQPGKSLRLSCAASGFTFSYDIEHWVRQAPGKGLWVAIVTWDGSEHYADSVKVG	WVTISADKSI	STAYLQWSSLSKASDTAIYYCTH	QGRSYTYGMDVWGGGTTVTWSS			
8F10	QVQLVDSGGGWQPGKSLRLSCAASGFTFSYDIEHWVRQAPGKGLWVAIVTWDGSEHYADSVKVG	WVTISADKSI	STAYLQWSSLSKASDTAIYYCTH	QGRSYTYGMDVWGGGTTVTWSS			
12C4	QVQLVDSGGGWQPGKSLRLSCAASGFTFSYDIEHWVRQAPGKGLWVAIVTWDGSEHYADSVKVG	WVTISADKSI	STAYLQWSSLSKASDTAIYYCTH	QGRSYTYGMDVWGGGTTVTWSS			
9B12	QVQLVDSGGGWQPGKSLRLSCAASGFTFSYDIEHWVRQAPGKGLWVAIVTWDGSEHYADSVKVG	WVTISADKSI	STAYLQWSSLSKASDTAIYYCTH	QGRSYTYGMDVWGGGTTVTWSS			
3H5	QVQLVDSGGGWQPGKSLRLSCAASGFTFSYDIEHWVRQAPGKGLWVAIVTWDGSEHYADSVKVG	WVTISADKSI	STAYLQWSSLSKASDTAIYYCTH	QGRSYTYGMDVWGGGTTVTWSS			
18A6	QVQLVDSGGGWQPGKSLRLSCAASGFTFSYDIEHWVRQAPGKGLWVAIVTWDGSEHYADSVKVG	WVTISADKSI	STAYLQWSSLSKASDTAIYYCTH	QGRSYTYGMDVWGGGTTVTWSS			
10A6	QVQLVDSGGGWQPGKSLRLSCAASGFTFSYDIEHWVRQAPGKGLWVAIVTWDGSEHYADSVKVG	WVTISADKSI	STAYLQWSSLSKASDTAIYYCTH	QGRSYTYGMDVWGGGTTVTWSS			
10H7	QVQLVDSGGGWQPGKSLRLSCAASGFTFSYDIEHWVRQAPGKGLWVAIVTWDGSEHYADSVKVG	WVTISADKSI	STAYLQWSSLSKASDTAIYYCTH	QGRSYTYGMDVWGGGTTVTWSS			
15A10	QVQLVDSGGGWQPGKSLRLSCAASGFTFSYDIEHWVRQAPGKGLWVAIVTWDGSEHYADSVKVG	WVTISADKSI	STAYLQWSSLSKASDTAIYYCTH	QGRSYTYGMDVWGGGTTVTWSS			
12D2	QVQLVDSGGGWQPGKSLRLSCAASGFTFSYDIEHWVRQAPGKGLWVAIVTWDGSEHYADSVKVG	WVTISADKSI	STAYLQWSSLSKASDTAIYYCTH	QGRSYTYGMDVWGGGTTVTWSS			
9B10	QVQLVDSGGGWQPGKSLRLSCAASGFTFSYDIEHWVRQAPGKGLWVAIVTWDGSEHYADSVKVG	WVTISADKSI	STAYLQWSSLSKASDTAIYYCTH	QGRSYTYGMDVWGGGTTVTWSS			
17D3	QVQLVDSGGGWQPGKSLRLSCAASGFTFSYDIEHWVRQAPGKGLWVAIVTWDGSEHYADSVKVG	WVTISADKSI	STAYLQWSSLSKASDTAIYYCTH	QGRSYTYGMDVWGGGTTVTWSS			
15G11	QVTLKESGPVLPKPTSLITCTVSGSIS	NARMGYS	IRQPPKGLWVAIVTWDGSEHYADSVKVG	WVTISADKSI	STAYLQWSSLSKASDTAIYYCTH	QGRSYTYGMDVWGGGTTVTWSS	
14D7	QVQLVDSGGGWQPGKSLRLSCAASGFTFSYDIEHWVRQAPGKGLWVAIVTWDGSEHYADSVKVG	WVTISADKSI	STAYLQWSSLSKASDTAIYYCTH	QGRSYTYGMDVWGGGTTVTWSS			
18F3	QVQLVDSGGGWQPGKSLRLSCAASGFTFSYDIEHWVRQAPGKGLWVAIVTWDGSEHYADSVKVG	WVTISADKSI	STAYLQWSSLSKASDTAIYYCTH	QGRSYTYGMDVWGGGTTVTWSS			
17D9	QVQLVDSGGGWQPGKSLRLSCAASGFTFSYDIEHWVRQAPGKGLWVAIVTWDGSEHYADSVKVG	WVTISADKSI	STAYLQWSSLSKASDTAIYYCTH	QGRSYTYGMDVWGGGTTVTWSS			
21F8	QVQLVDSGGGWQPGKSLRLSCAASGFTFSYDIEHWVRQAPGKGLWVAIVTWDGSEHYADSVKVG	WVTISADKSI	STAYLQWSSLSKASDTAIYYCTH	QGRSYTYGMDVWGGGTTVTWSS			
22B9	QVQLVDSGGGWQPGKSLRLSCAASGFTFSYDIEHWVRQAPGKGLWVAIVTWDGSEHYADSVKVG	WVTISADKSI	STAYLQWSSLSKASDTAIYYCTH	QGRSYTYGMDVWGGGTTVTWSS			
21D10	QVQLVDSGGGWQPGKSLRLSCAASGFTFSYDIEHWVRQAPGKGLWVAIVTWDGSEHYADSVKVG	WVTISADKSI	STAYLQWSSLSKASDTAIYYCTH	QGRSYTYGMDVWGGGTTVTWSS			
14A6	QVQLVDSGGGWQPGKSLRLSCAASGFTFSYDIEHWVRQAPGKGLWVAIVTWDGSEHYADSVKVG	WVTISADKSI	STAYLQWSSLSKASDTAIYYCTH	QGRSYTYGMDVWGGGTTVTWSS			
11D6	QVQLVDSGGGWQPGKSLRLSCAASGFTFSYDIEHWVRQAPGKGLWVAIVTWDGSEHYADSVKVG	WVTISADKSI	STAYLQWSSLSKASDTAIYYCTH	QGRSYTYGMDVWGGGTTVTWSS			
10A9	QVQLVDSGGGWQPGKSLRLSCAASGFTFSYDIEHWVRQAPGKGLWVAIVTWDGSEHYADSVKVG	WVTISADKSI	STAYLQWSSLSKASDTAIYYCTH	QGRSYTYGMDVWGGGTTVTWSS			
16B3	QVQLVDSGGGWQPGKSLRLSCAASGFTFSYDIEHWVRQAPGKGLWVAIVTWDGSEHYADSVKVG	WVTISADKSI	STAYLQWSSLSKASDTAIYYCTH	QGRSYTYGMDVWGGGTTVTWSS			
14G7	QVQLVDSGGGWQPGKSLRLSCAASGFTFSYDIEHWVRQAPGKGLWVAIVTWDGSEHYADSVKVG	WVTISADKSI	STAYLQWSSLSKASDTAIYYCTH	QGRSYTYGMDVWGGGTTVTWSS			
5H3	QVQLVDSGGGWQPGKSLRLSCAASGFTFSYDIEHWVRQAPGKGLWVAIVTWDGSEHYADSVKVG	WVTISADKSI	STAYLQWSSLSKASDTAIYYCTH	QGRSYTYGMDVWGGGTTVTWSS			
2B12	QVQLVDSGGGWQPGKSLRLSCAASGFTFSYDIEHWVRQAPGKGLWVAIVTWDGSEHYADSVKVG	WVTISADKSI	STAYLQWSSLSKASDTAIYYCTH	QGRSYTYGMDVWGGGTTVTWSS			
26H7	QVQLVDSGGGWQPGKSLRLSCAASGFTFSYDIEHWVRQAPGKGLWVAIVTWDGSEHYADSVKVG	WVTISADKSI	STAYLQWSSLSKASDTAIYYCTH	QGRSYTYGMDVWGGGTTVTWSS			
26C12	QVQLVDSGGGWQPGKSLRLSCAASGFTFSYDIEHWVRQAPGKGLWVAIVTWDGSEHYADSVKVG	WVTISADKSI	STAYLQWSSLSKASDTAIYYCTH	QGRSYTYGMDVWGGGTTVTWSS			
2H11	QVQLVDSGGGWQPGKSLRLSCAASGFTFSYDIEHWVRQAPGKGLWVAIVTWDGSEHYADSVKVG	WVTISADKSI	STAYLQWSSLSKASDTAIYYCTH	QGRSYTYGMDVWGGGTTVTWSS			
18H9	QVQLVDSGGGWQPGKSLRLSCAASGFTFSYDIEHWVRQAPGKGLWVAIVTWDGSEHYADSVKVG	WVTISADKSI	STAYLQWSSLSKASDTAIYYCTH	QGRSYTYGMDVWGGGTTVTWSS			

FIGURA 28

Secuencias de Ácido Nucleico de Cadena Pesada

9D6

GAGGTGCAGTTGGTGCAGTCTGGAGCAGAGGTGAAAAAGCCCGGGGAGTCTCTGAAGATCTCCTGTAAGGGTTC
 TGGATACAGGTTTACCAGCTACTGGATCGGCTGGGTGCGCCAGATGCCCCGGGAAAGGCCTGGAGTGGATGGGGA
 TCATCCATCCTGGTGA CTCTGATACCAGATACAGCCCGTCTTCCAAGGCCAGGTCACCATCTCAGCCGACAAGTCC
 ATCAGCACCGCCTACCTGCAGTGGAGCAGCCTGAAGGCCTCGGACACTGCCATATATTACTGTACGAGACAGGGT
 AGAAGCTTCTACTACTACGGTATGGACGTCTGGGGCCAAGGGACCACGGTCACCGTCTCCTCA

2C3

GAGGTGCAGCTGGTGCAGTCTGGAGCAGAGGTGAAAAAGCCCGGGGAGTCTCTGAAGATCTCCTGTAAGGGTTC
 TGGATACAGGTTTACCAGCTACTGGATCGGCTGGGTGCGCCAGATGCCCCGGGAAAGGCCTGGAGTGGATGGGGA
 TCATCTATCCTGGTGA CTCTGATACCAGATACAGCCCGTCTTCCAAGGCCAGGTCACCATCTCAGCCGACAAGTCC
 ATCAGCGCCGCTACCTGCAGTGGAGCAGCCTGAAGGCCTCGGACACCGCCATGTATTACTGTGCGAGACAACAA
 GTGGCTGGTATGTTGGACTACTGGGGCCAAGGGAACCTGGTCACCGTCTCCTCA

14C9

CAGGTGCAGCTGGTGGAGTCTGGGGGAGGCGTGGTCCAGCCTGGGAGGTCCCTGAGACTCTCCTGTGCAGCGTC
 TGGATTACCTTCAGTATTTATGGCATGCACTGGGTCCGCCAGGCTCCAGGCAAGGGGCTGGAGTGGGTGACAGT
 TATATGGTATGATGGAAGTAATGAATACTATGCAGACTCCGTGAAGGGCCGATTACCATCTCCAGAGACAATTCC
 AAGAACACGCTGTATCTGCAAATGAACAGCCTGAGAGCCGAGGACACGGCTGTGTATTACTGTGCGAGAGAGGA
 CTTGACTCCCACTACGGTATGGACGTCTGGGGCCAAGGGACCACGGTCACCGTCTCCTCA

8B12

CAGGTGCAGCTGGTGGAGTCTGGGGGAGGCGTGGTCCAGCCTGGGAGGTCCCTGAGACTCTCCTGTGCAGCGTC
 TGGATTACCTTCAGTAGCTATGGCATGCACTGGGTCCGCCAGGCTCCAGGCAAGGGGCTGGAGTGGGTGGCAG
 TTATATGGTATGATGGAAGTAATGAATACTATGCAGACTCCGTGAAGGGCCGATTACCATCTCCAGAGACAATTCC
 CAAGAACACGCTGTATCTACAAATGCACAGCCTGAGAGCCGAGGACACGGCTGTGTATTATTGTGCGAGAGAAGA
 ATGGTTCGGGGAGGCGGACTACGGTATGGACGTCTGGGGCCAAGGGACCACGGTCACCGTCTCCTCA

FIGURA 29A

16A4

CAGGTGCAGCTGGTGGAGTCTGGGGGAGGCGTGGTCCAGCCAGGGAGGTCCCTGAGACTCTCCTGTGCAGCGTC
 TGGATTCACCTTCAGTAGCTATGGCATGCACTGGGTCCGCCAGGCTCCAGGCAAGGGGCTGGAGTGGGTGGCAG
 TTATATGGTATGATGGAAGTAATGAATATTATGCAGACTCCGTGAAGGGCCGATTACCATCTCCAGAGACAATTC
 CAAGAACACGCTGTTTCTGCAAATGAACAGCCTGAGAGCCGAGGACACGGCTGTGTATTACTGTGCGAGAGATGA
 TTGGTTCGGGGAGGCGGACTACGGTATGGACGTCTGGGGCCAAGGGACCACGGTCACCGTCTCCTCA

16E1

CAGGTGCAGCTGGTGGAGTCTGGGGGAGGCGTGGTCCAGCCTGGGAGGTCCCTGAGACTCTCCTGTGCAGCGTC
 TGGATTCACCTTCAGTAACTATGGCATGCACTGGGTCCGCCAGGCTCCAGGCAAGGGGCTGGAGTGGGTGACAGT
 TATATGGAATGATGGAAGTAATGAATACTATGCAGACTCCGTGAAGGGCCGATTACCATCTCCAGAGACAATTCC
 AAGAACACGCTGTTTCTGCAAATGAACAGCCTGAGAGCCGAGGACACGGCTGTGTATTACTGTGCGAGAGAAGAT
 TGGCTCGGGGAGGCGGACTACGGTATGGACGTCTGGGGCCAAGGGACCACGGTCACCGTCTCCTCA

13A1

CAGGTGCAGCTGGTGGAGTCTGGGGGAGGCGTGGTCCAGCCTGGGAGGTCCCTGAGACTCTCCTGTGCAGCGTC
 TGGATTCACCTTCAGTAGCTATGGCATGCACTGGGTCCGCCAGGCTCCAGGCAAGGGGCTGGAGTGGGTGGCAG
 TTATATGGTATGATGGAAGTAATAAATACTATGCAGACTCCGTGAAGGGCCGATTACCATCTCCAGAGACAATTC
 CAAGAACACGCTGTATCTGCAAATGAACAGCCTGAGAGCCGAGGACACGGCTGTGTATTACTGTGCGAGAGAAG
 AGTGGGAGCTAGAGGACTACGGTATGGACGTCTGGGGCCAAGGGACCACGGTCACCGTCTCCTCA

8F10

CAGGTGCAGTTGGTGGAGTCTGGGGGAGGCGTGGTCCAGCCTGGGAGGTCCCTGAGACTCTCCTGTGCAGCGTC
 TGGATTCACCTTCAGTAGTTATGGCATGTACTGGGTCCGCCAGGCTCCAGGCAAGGGGCTGGAGTGGGTGGCAGT
 TATATGGTATGATGGAAGTAATAAATACTATGTAGACTCCGTGAAGGGCCGATTACCATCTCCAGAGACAATTCC
 AAGAACACGCTGTATCTGCAAATGAACAGCCTGAGAGCCGAGGACACGGCTGTGTATTACTGTGCGAGAGGAGC
 AGTGGCTGGTACGGGACGGGACTACTACTACGGTATGGACGTCTGGGGCCAAGGGACCACGGTCACCGTCT
 CCTCA

FIGURA 29B

12C4

CAGGTGCAGTTGGTGGAGTCTGGGGGAGGCGTGGTCCAGCCTGGGAGGTCCCTGAGACTCTCCTGTGCAGCGTC
 TGGATTCACGTTTCACTAGTTATGGCATGTACTGGGTCCGCCAGGCTCCAGGCAAGGGGCTGGAGTGGGTGGCAG
 TTATATGGTATGATGGAAGTAATAAATACCATGGAGACTCCGTGAAGGGCCGATTACCATCTCCAGAGACAATTCC
 CAAGAATACGCTGTATCTGCAAATGAACAGCCTGAGAGCCGAGGACACGGCTGTGTATTACTGTGCGAAAGGAGC
 AGTGGCTGGTACGGGACGGGACTACTACTACGGTATGGACGTCTGGGGCCAAGGGACCACGGTCACCGTCT
 CCTCA

9B12

CAGGTGCAGCTGGTGGAGTCTGGGGGAGGCGTGGTCCAGCCTGGGAGGTCCAGAGACTCTCCTGTGCAGCGTC
 TGGATTCACCTTTAGTAGTTATGGCATGTACTGGGTCCGCCAGGCTCCAGGCAAGGGGCTGGAGTGGGTGGCAGT
 TATATGGTATGATGGAAGTAATAAACTATGCAGACTCCGTGAAGGGCCGATTACCATCTCCAGAGACAATTCC
 AAGAATACGTTGTATCTGCAAATGAACAGCCTGAGAGCCGAGGACACGGCTGTGTATCACTGTGCGAAAGGAACA
 GTGGCTGGTACGGGACGGGACTACTACTACGGTATGGACGTCTGGGGCCAAGGGACCACGGTCACCGTCTCT
 TCA

3H5

CAGGTGCAACTGGTGGAGTCTGGGGGAGGCGTGGTCCAGCCTGGGAGGTCCCTGAGACTCTCCTGTGCAGCGTC
 TGGATTCACCTTCAGTAGCTTTGGCATGCACTGGGTCCGCCAGGCTCCAGGCAAGGGGCTGGAGTGGGTGGCAGT
 TATTTGGTTTGATGGAAGTAATAAATACTATGTAGACTCCGTGAAGGGCCGATTACCATCTCCAGAGACAATTCC
 AAGAATACGCTGTATCTGCAAATGAACAGCCTGAGAGCCGAGGACACGGCTGTGTATTACTGTGCGCGGGACGAT
 TTTTGGAGTGATTATCCTTTTACTACTGGGGCCAGGGAACCTGGTCACCGTCTCCTCA

18A6

CAGGTGCAACTGGTGGAGTCTGGGGGAGGCGTGGTCCAGCCTGGGAGGTCCCTGAGACTCTCCTGTGCAGCCTCT
 GGATTCACCTTCAGGAGCTATGGCATGCACTGGGTCCGCCAGGCTCCAGGCAAGGGGCTGGAGTGGGTGGCAGT
 TATATCAGATGATGGAAGTAATAAATACTATGCAGACTCCGTGAAGGGCCGATTACCATCTCCAGAGACAATTCC
 AAGAACACGCTGTATCTGCAAATGAACAGCCTGAGACCTGAGGACACGGCTGTGTATTACTGTGCGAGAGATCTC
 TATAGCAGTGCCTGGCCCTTTGACTACTGGGGCCAGGGAACCTGGTCACCGTCTCCTCA

FIGURA 29C

10A6

CAGGTGCAGCTGGTGGAGTCTGGGGGAGGCGTGGTCCAGCCTGGGAGGTCCCTGAGACTCTCCTGTGCAGCGTC
 TGGATTACCTTCAGTAGCTATGACATACTGGGTCCGCCAGGCTCCAGGCAAGGGGCTGGAGTGGGTGGCAGT
 TATATGGAATGATGGAAGTATTAATACTATGCAGACTCCGTGAAGGGCCGATTACCATCTCCAGAGACAATTCC
 AAGAACACGCTGTATCTGCAAATGAACAGCCTGAGAGCCGAGGACACGGCTGTGTATTACTGTGCGAGAGACGG
 GGAGCAGTGGCGGGGCTTTGACTACTGGGGCCAGGGAACCCTGGTCACCGTCTCCTCA

10H7

CAGGTGCAGCTGGTGGAGTCTGGGGGAGGCGTGGTCCAGCCTGGGAGGTCCCTGAGACTCTCCTGTGCAGCGTC
 TGGATTACCTTCAGTAGCTATGACATACTGGGTCCGTGAGGCTCCAGGCAAGGGGCTGGAGTGGGTGGCAGT
 TATATGGTATGATGGAAGTATTAATACTATGCAGACTCCGTGAAGGGCCGATTACCATCTCCAGAGACAATTCC
 AAGAACACGCTGTATCTGCAAATGAACAGCCTGAGAGCCGAGGACACGGCTGTGTATTACTGTGCGAGAGATCAG
 GAGCAGTGGCTGGCCTTTGACTACTGGGGCCAGGGAACCCTGGTCACCGTCTCCTCA

15A10

CAGGTGCAGTTGGTGGAGTCTGGGGGAGGCGTGGTCCAGCCTGGGAGGTCCCTGAGACTCTCCTGTGCAGCGTC
 TGGATTACCTTCAGTACCTATGGCATGCACTGGGTCCGCCAGGCTCCAGACATGGGGCTGGAGTGGGTGGCAGT
 TATATGGTATGATGGAAGTAATAAATACTATGCAGACTCTGTGAAGGGCCGATTACCATCTCCAGAGACATTCC
 AAGAACACGCTGTATCTGGAATGAACAGCCTGAGAGCCGAGGACACGGCTGTGTATTACTGTGCGAGAGACAA
 CTGGGGATCCGATGCTTTTGATATCTGGGGCCAAGGGACAATGGTCACCGTCTCTTCA

12D2

CAGGTGCAGCTGGTGGAGTCTGGGGGAGGCGTGGTCCAGCCTGGGAGGTCCCTGAGACTCTCCTGTGCAGCGTC
 TGGATTACCTTCAGTACCTATGCCATGCACTGGGTCCGCCAGGCTCCAGGCAAGGGGCTGGAGTGGGTGGCAGT
 TATATGGTATGATGGAATTAATAAATACTATGCAGACTCCGTGAAGGGCCGATTACCATCTCCAGAGACAATTCC
 AAGAACACGCTGTATCTGCAAATGAACAGCCTGAGAGCCGAGGACACGGCTGTGTATTACTGTGCGAGAGGGAG
 TTAATATGATAGTAGTGGTTATTACTACGGGGAGGACTTTGACTACTGGGGCCAGGGAACCCTGGTCACCGTCTCC
 TCA

FIGURA 29D

9B10

CAGGTGCAGCTGGTGGAGTCTGGGGGAGGCGTGGTCCAGCCTGGGAGGTCCCTGAGACTCTCCTGTGCAGCGTC
 TGGATTACCTTCAGTAGCTATGCCATGCACTGGGTCCGCCAGGCTCCAGGCAAGGGGCTGGAGTGGGTGGCAGT
 TATCTGGTATGATGGAATTAATAAATACTATGCAGACTCCGTGAAGGGCCGATTACCATCTCCAGAGACAATTCC
 AAGAACACGCTGTATCTGCAAATGAACAGCCTGAGAGCCGAGGACACGGCTGTGTATTACTGTGCGAGAGGGAG
 TTAATATGATAGTAGTGGTTATTACTTCGGGGAGGACTTTGACTACTGGGGCCAGGGAACCCTGGTCACCGTCTCC
 TCA

17D3

CAGGTGCAGCTGGTGGAGTCTGGGGGAGGCTTGGTCAAGCCTGGAGGGTCCCTGAGACTCTCCTGTGCAGCCTCT
 GGATTACCTTCAGTGACTACTACATGAGCTGGATCCGCCAGGCTCCAGGGAAGGGGCTGGAGTGGGTTCATAC
 ATTAGTAGTAGTGGTAGTATCATTTTTACGCAGACTCTGTGAAGGGCCGATTACCATGTCCAGGGACAACGCCA
 AGAACTCACTGTATCTGCAAATGAACAGCCTGAGAGCCGAGGACACGGCCGTGTATTATTGTGTGAGAAGGATTA
 GTATAACCCCTTTTACTACTGGGGCCAGGGAACCCTGGTCACCGTCTCCTCA

15G11

CAGGTACCTTGAAGGAGTCTGGTCTGTGCTGGTGAACCCACAGAGACCCTCACGCTGACCTGCACCGTCTCTG
 GGTCTCACTCAGCAATGCTAGAATGGGTGTGAGCTGGATCCGTACGCCCCAGGGAAGGCCCTGGAGTGGCTTG
 CACACATTTTTTCGAATGACGAAAAATCCTACAGCACATCTCTGAAGAGCAGGCTCACCATCTCAAGGACACCTCC
 AAAAGCCAGGTGGTCCTTACCATGACCAACATGGACCTGTGGACACAGCCACATATTACTGTGTACGGATACCGA
 GATGGCTACAACCCCTACTACTACTACGGTATGGACGTCTGGGGCCAAGGGACCACGGTCACCGTCTCCTCA

14D7

CAGGTGCAGCTGCAGGAGTCGGGGCCAGGACTGGTGAAGCCTTACAGACCCTGTCCCTCACCTGCACTGTCTCT
 GGTGGCTCCATCAGCAGTGGTGGTTACTACTGGAAGTGGATCCGCCAGCACCCAGGGAAGGGCCTGGAGTGGAT
 TGGGTACATCTATTACAGTGGGAACACCCACTACAACCCGTCCCTCAAGAGTCGAGTTACCATATCAGTAGACACG
 TCTAAGAACCAGTTCTCCCTGAAGCTGAGCTCTGTGATTGCCGCGGACACGGCCGTGTATTACTGTGCGAGAGACT
 GGGGACGTGATGCTTTTGATATCTGGGGCCAAGGGACAATGGTCACCGTCTCTTCA

FIGURA 29E

18F3

CAGGTGCAGCTGCAGGAGTCGGGCCCAGGACTGGTGAAGCCTTCACAGACCCTGTCCCTCACCTGCACTGTCTCG
 GGTGGCTCCATCAGCAGTGGTGGTTACTACTGGAGCTGGATCCGCCAGCACCCAGGGAAGGGCCTGGAGTGGAT
 TGGGTACATCTATTATAGTGGGAGCACCGACTACAACCCGTCCCTCAAGAGTCGAGGTATCATATCAGGAGACAC
 GTCTAAGAACCAGTTCTCCCTGAAGCTGAACTCTGTGACTGCCGCGGACACGGCCGTGTATTACTGTGCGAGAGA
 GGGGAGGTTGCGGGAGTTAGGCTCCTACTACTTTGACTACTGGGGCCAGGGAACCCTGGTCACCGTCTCCTCA

17D9

CAGGTGCAGCTGCAGGAGTCGGGCCCAGGACTGGTGAAGCCTTCGGAGACCCTGTCCCTCACCTGCACTGTCTCT
 GGTGGCTCCGTACAGCAGTGGTGGTTACTACTGGAGCTGGATCCGGCAGCCCCAGGGAAGGGACTGGAGTGGAT
 TGGGAATACCTATTACAGTGGGAGCACCAACTACAAACCCCTCCCTCAAGAGTCGAGTCACCATATCAGTAGACACG
 TCCAAGAACCAGTTCTCCCTGAAGCTGAGTTCTGTGACCGCTGCGGACACGGCCGTGTATTACTGTGGGAGAGAC
 CGGGGTAGAGCAGTGGTCCCTTTGACTACTGGGGCCAGGGAACCCTGGTCACCGTCTCCTCA

21F8

CAGGTGCAGCTGGTGCAGTCTGGGGCTGAGGTGAAGAAGCCTGGGGCCTCAGTGAAGGTCTCCTGCAAGGCTTC
 TGGATACACCTTCACCAATTATGATATCAACTGGGTGCGACAGGCCACTGGACAAGGGCTTGAGTGGATGGGATG
 GATGAACCCTAACAGTGGTAACACAGGCTATGCACAGAAGTTCCAGGGCAGAGTCACCATGACCAGGAACACCTC
 CATAAGCACAGCCTACATGGAGCTGAGCAGCCTGAGATCTGAGGACACGGCCGTGTATTACTGTGCGAGAAGTA
 GGCAGTGGCTGGTACTTGACTACTGGGGCCAGGGAACCCTGGTCACCGTCTCCTCA

22B9

CAGGTGCAGCTGGTGCAGTCTGGGGCTGAGGTGAAGAAGCCTGGGGCCTCAGTGAAGGTCTCCTGCAAGGCTTC
 TGGATACACCTTCACCAATTATGATATCAACTGGGTGCGACAGGCCACTGGACAAGGGCTTGAGTGGATGGGATG
 GATGAACCCTAACAGTGGTAACACAGGCTATGTACAGAAGTTCCAGGGCAGAGTCACCATGACCAGGAACACCTC
 CATAAGCACAGCCTACATGGAGCTGAGCAGCCTGAGATCTGAGGACACGGCCGTGTATTACTGTGCGAGAAGTA
 GGCAGTGGCTGGTACTTGACTACTGGGGCCAGGGAACCCTGGTCACCGTCTCCTCA

FIGURA 29F

21D10

CAGGTGCAGCTGGTGCAGTCTGGGGCTGAGGTGAAGAAGCCTGGGGCCTCAGTGAAGGTCTCCTGCAAGGCTTC
 TGGATACAGGTTACCAAGTTATGATATCAACTGGGTGCGACAGGCCACTGGACAAGGGCTTGAGTGGATGGGAT
 GGATGAACCCAAACAGTGGTAACACAGGCTATGCACAGAAGTTCCAGGGCAGAGTCACCATGACCAGGAACACC
 TCCATAAGCACAGCCTACATGGAGCTGAGCAGCCTGAGATCTGAGGACACGGCCGTGTATTACTGTGCGAGAAGT
 AGGCAGTGGCTGGTACTTGACTACTGGGGCCAGGGAACCCTGGTCACCGTCTCCTCA

14A6

CAGGTGCAGCTGGTGCAGTCTGGGGCTGAGGTGAAGAAGCCTGGGGCCTCAGTGAAGGTCTCCTGCAAGGCTTC
 TGGATACACCTTCACCACTTATGATATCAACTGGGTGCGACAGGCCACTGGACAAGGGCTTGAGTGGATGGGATG
 GATGAACCCTAACAGTGGTAACACAGGCTATGCACAGAAGTTCCAGGGCAGAGTCACCATGACCAGGAACACCTC
 CATAAGCACAGCCTACATGGAGCTGAGCAGCCTAAGATCTGAGGACACGGCCGTGTATTACTGTGCGAGAGGCC
 GGCAGTGGCTGGGCTTTGACTACTGGGGCCAGGGAACCCTGGTCACCGTCTCCTCA

11D6

CAGGTGCAGCTGGTGCAGTCTGGGGCTGAGGTGAAGAAGCCTGGGGCCTCAGTGAAGGTCTCCTGCAAGGCTTC
 TGGATACACCTTCACCAATTATGATATCAACTGGGTGCGACAGGCCACTGGACAAGGGCTTGAGTGGATGGGATG
 GATGAACCCTAATAGTGGTAACACAGGCTATGCACAGAAGTTCCAGGGCAGAGTCACCATGACCAGGAACACCTC
 CATAAACACAGCCTACATGGAGCTGAGCAGCCTGAGATCTGAGGACACGGCCGTGTATTACTGTGCGAGAGGCC
 GGCAGTGGCTGGGCTTTGACTACTGGGGCCAGGGAACCCTGGTCACCGTCTCCTCA

10A9

GAGGTGCAGCTGGTGCAGTCTGGAGCAGAGGTGAAAAAGCCCGGGGAGTCTCTGAAGATCTCCTGTAAGGGTTC
 TGGATACAGCTTTACCAGCCAGTGGATCGGCTGGGTGCGCCAGATGCCCGGGAAGGCCTGGAGTGGATGGGGA
 TCATCTTTCCTGGTGA CTCTGATACCAGATACAGCCCGTCCTTCCAAGGCCAGGTCACCATCTCAGCCGACAAGTCC
 ATCAGCACC GCCTACCTGCAGTGGAGCAGCCTGAAGGCCTCGGACACCGCCATGTATTACTGTGCGCGACAGGGT
 AGAAGTTACCACTACTACGGTATGGACGTCTGGGGCCAAGGGACCACGGTCACCGTCTCCTCA

FIGURA 29G

16E3

GAGGTGCAGCTGGTGCAGTCTGGAGCAGAGGTGAAAAAGCCCGGGGAGTCTCTGAAGATCTCCTGTAAGGGTTC
 TGGATACGGCTTTACCACTACTGGATCGGCTGGGTGCGCCAGATGCCCGGAAAAGGCCTGGAGTGGATGGGGA
 CCATCTATCCTGGTGA CTCTGATACCAGATACAGTCCGTCCTTCCAAGGCCAGGTCACCTTCTCAGCCGACAAGTCC
 ATCAGCACCGCCTACCTGCAGTGGAGCAGCCTGAAGGCCTCGGACACCGCCATGTATTACTGTGCGAGACAGGGT
 AGAAGTTACTACTACTTCGGTATGGACGTCTGGGGCCAAGGGACCACGGTCACCGTCTCCTCA

14G7

GAGGTGCAGCTGGTGCAGTCTGGAGCAGAGGTGAAAAAGCCCGGGGAGTCTCTGAAGATCTCCTGTAAGGGTTC
 TGGATACAGCTTTACCGACTACTGGATCGGCTGGGTGCGCCAGATGCCCGGAAAAGGCCTGGAATGGATGGGGA
 TCATCTATCCTTATGACTCTGATACCAGATACAGCCCGTCCTTCCAAGGCCAGGTCACCTTCTCAGCCGACAAGTCC
 ATCAGCACCGCCTACCTGCGGTGGAGCAGCCTGAAGGCCTCGGACACCGCCATGTATTACTGTGCGAGACATCGG
 GGGGGGAGGTCCTACTACTACGGTATGGACGTCTGGGGCCAAGGGACCACGGTCACCGTCTCCTCA

5H3

GAGGTGCAGCTGGTGCAGTCTGGAGCAGAGGTGAAAAAGCCCGGGGAGTCTCTGAAGATCTCCTGTAAGGGTTC
 TGGATACAGCTTTACCAGCTACTGGATCGGCTGGGTGCGCCAGATGCCCGGAAAAGGCCTAGAATGGATGGGGA
 TCATCTATCCTGGTGA CTCTGATACCACATACAGCCCGTCCTTCCAAGGCCAAGTCACCATCTCAGCCGACAAGTCC
 ATCAACACCGCCTACCTGCAGTGGAGCAGCCTGAAGGCCTCGGACACCGCCATGTATTACTGTGCGAGAGAGGGT
 TTCGGGGAGTCTATTCACTACGGTTTGGACGTCTGGGGCCAAGGGACCACGGTCACCGTCTCCTCA

2B12

GAGGTGCAGCTGGTGCAGTCTGGAGCAGAGGTGAAAAAGCCCGGGGAGTCTCTGAAGATCTCCTGTAAGGGTTC
 TGGATACAATTTTACCACTACTGGATCGGCTGGGTGCGCCAGATGTCCGGGAAAAGGCCTGGAGTGGATGGGAA
 TCATCTATCCTGGTGA CTCTGAAACCAGATACAGCCCGTCCTTCCAAGGCCAGGTCACCATCTCAGCCGACAAGTC
 CATCAGCACCGCCTACCTGCAGTGGAGCAGCCTGAAGGCCTCGGACACCGCCATGTATTACTGTGCGAGACATGG
 AGGGGGATGGAGTGGTTGGGGTATGGACGTCTGGGGCCAAGGGACCACGGTCACCGTCTCCTCA

FIGURA 29H

26H7

GAGGTGCAGCTGGTGCAGTCTGGAGCAGAGGTGAAAAAGCCCGGGGAGTCTCTGAAGATCTCCTGTAAGGGTTC
 TGGATACAGGTTTACCACTACTGGATCGGCTGGGTGCGCCAGATGCCCGGGAAAGGCCTGGAGTGGATGGGGA
 TCATCTATCCTGGTGA CTCTGATACCAAATACAGCCCGTCCTTCCAAGGCCAGGTCACCATCTCAGCCGACAAGTCC
 ATCAGTACCGCCTACCTGCAGTGGAGCAGCCTGAAGGCCTCGGACACCGCCATGTATTACTGTGCGAGACATGGT
 GGATATAGTGGCCGTTCTACTACTACGGTATGGACGTCTGGGGCCAGGGGACCGCGGTACCGTCTCCTCA

26C12

GAGGTGCAGCTGGTGCAGTCTGGAGCAGAGGTGAAAAAGCCCGGGGAGTCTCTGAAGATCTCCTGTAAGGGTTC
 TGGATACAGGTTTACCAGCTACTGGATCGGCTGGGTGCGCCAGATGCCCGGGAAAGGCCTGGAGTGGATGGGGA
 TCATCTTTCCTGGTGA CTCTGATACCAGATACAGCCCGTCCTTCCAAGGCCAGGTCACCATCTCAGCCGACAAGTCC
 ATCACCACCGCCTACCTGCAGTGGAGCAGCCTGAAGGCCTCGGACACCGCCATCTATTACTGTGCGGACATGGG
 CATGGCAGCTCGTCCGGGCGGACCTACTACTACGGTTTGGACGTCTGGGGCCAAGGGACCACGGTCACCGTCTCC
 TCA

2H11

GAGGTGCAGCTGGTGAATCTGGAGCAGAGGTGAAAAAGCCCGGGGAGTCTCTGAAGATCTCCTGTAAGGGTTC
 TGGATACAAC TTTACCACCTACTGGATCGGCTGGGTGCGCCAGATGCCCGGGAAAGGCCTGGAGTGGATGGGGA
 TCATCTATCCTGGTGA CTCTGATACCAGATACAGCCCGTCCTTCCAAGGCCAGGTCACCATTTAGCCGACAAGTCC
 ATCAACACCGCCTACCTGCAGTGGAGCAGCCTGAAGGCCTCGGACACAGCCATTTATTACTGTGCGAGAGACACA
 GGATACTTTGACTACTGGGGCCAGGGCACCTGGTCACCGTCTCCTCA

18H9

CAGGTGCAGTTGGTGGAGTCTGGGGGAGGCGTGGTCCAGCCTGGGAGGTCCCTGAGACTCTCCTGTGCAGCGTC
 TGGATTACCTTCAGTAGCTATGGCATGCACTGGGTCCGCCAGGCTCCAGGCAAGGGCCTGGAGTGGGTGGCAGT
 TATCTGGTATGATGGAAGTAATAAATTCTATGTAGACTCCGTGAAGGGCCGATTACCATCTCCAGAGACAATTCC
 AAGAACACGCTGTATCTGCAAATGAACAGCCTGAGAGCCGAGGACACGGCTGTGTATTACTGTGCGAGACCCGG
 GTCCGATTACTACTTCTACTACGGTATGGACGTCTGGGGCCAAGGGACCACGGTCACCGTCTCCTCA

FIGURA 29I

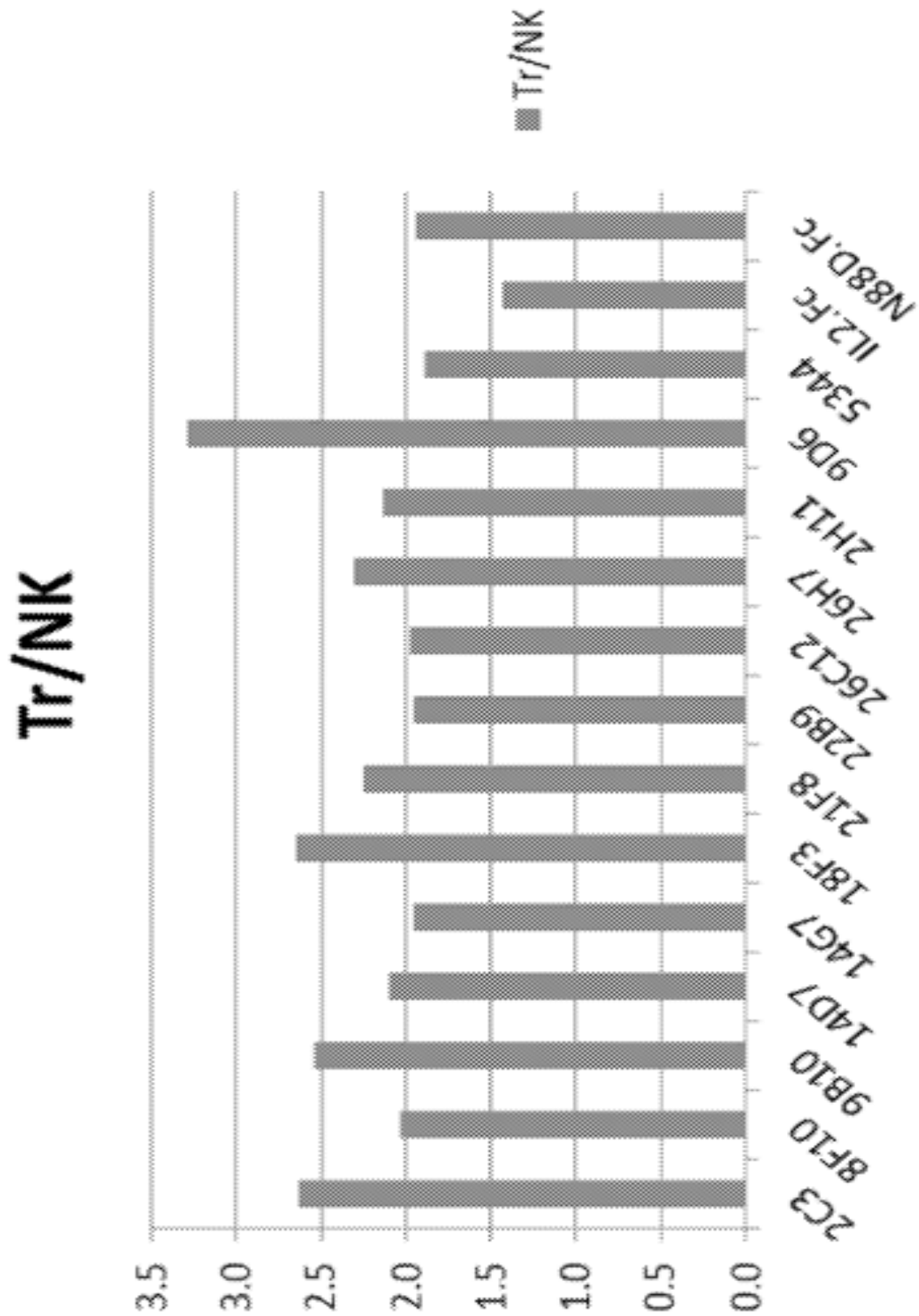


FIGURA 30