

Cadena Ligera (K murina)

FWL1	CDRL1	FWL2	CDRL2	FWL3				
DIQMTQTSS	LSASLGDRVT	ISCSST	<u>SQDIS</u>	<u>NVLN</u> WYQQKP	DGTVKVLIIY	Y	<u>TSTLHLGVPS</u>	RFSGSGSGTD
YSLTISNLEL	EDIATYYCQQ	<u>YYNL</u>	<u>PWTFGG</u>	GTKLEIK				

Cadena Pesada (IgG1 murina)

FWH1	CDRH1	FWH2	CDRH2				
QIQLVQSGPE	LKKPGETVKI	SCKAS	GFTLT	<u>NYGMN</u> WVRQT	PGKGLKWMGW	<u>INTDTGEPTY</u>	<u>ADDFKGRFAF</u>
FWH3	CDRH3	FWH4	CDRH4				
SLETSASTAS	LQINNLIK	NAD	TATYFCAR	NP	<u>PYYYGTNNAE</u>	<u>AMDYWGQGT</u>	VTVSS

FIGURA 1

Cadena Ligera

GL DIQMTQTSS LSASLGDRVT ISCSA**SQGIS** NYLNWYQQKP DGTVKLLIY **Y TSSLHSGVPS**
Mu mAb -----S--**D**-----V-----T--**L**-----

GL RFGSGSGTD YSLTISNLEP EDIATYQCQ **YSKLP**
Mu mAb -----L-----YN--**WTFGG** GTKLEIK

Cadena Pesada

GL QIQLVQSGPE LKKPGETVKI SCKAS**GYTFT** NYGMNWVKQA PGKGLKWMGW I **NTYTG**EPTY
Mu mAb -----F-L-----R-T-----D-----

GL ADDFKGRFAF SLETSASTAY LQINNLIKNE D TATYFCAR
Mu mAb -----S-----A-----NP **PYYGTNNAE** **AMDYWGQGT**A

GL
Mu mAb VTVSS

FIGURA 2

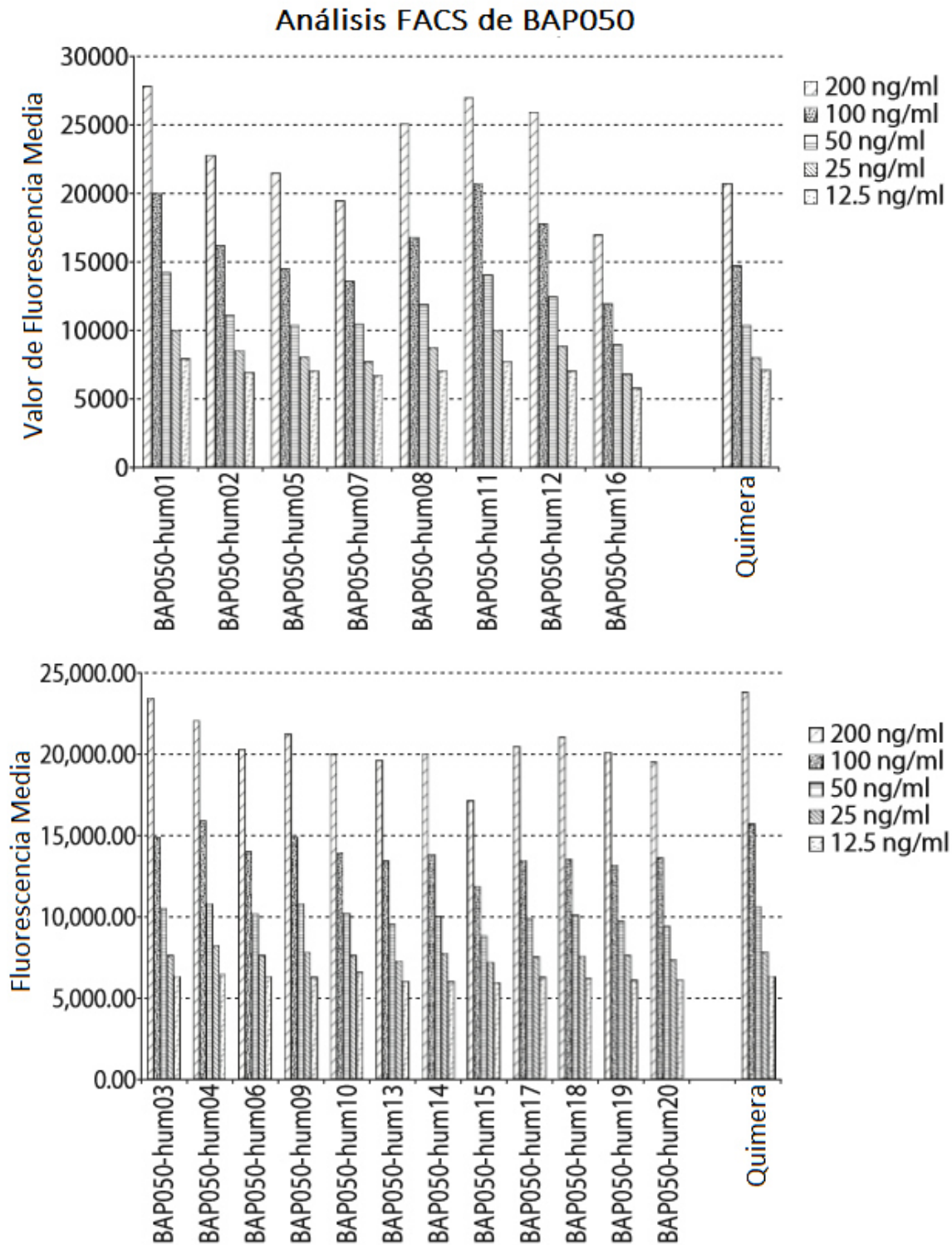


FIGURA 3

Clon No.	$\mu\text{g/mL}$	Secuencia					
		HC			LC		
		FW1	FW2	FW3	FW1	FW2	FW3
Quimera	31.7	6 HC únicas			12 LC únicas		
1	35.4	a	a	a	a	a	a
2	25.2	a	a	a	a	a	b
3	3.2	a	a	a	b	b	a
4	26	a	a	a	a	c	c
5	16.9	a	a	a	c	a	a
6	9.1	a	a	a	d	b	d
7	35.8	a	a	a	a	d	d
8	24.7	a	a	a	e	b	e
9	19.9	b	b	a	a	a	b
10	7.7	b	b	a	b	b	a
11	34.9	b	b	a	a	d	d
12	17.9	b	b	a	e	b	e
13	24.9	b	a	a	a	a	b
14	7.5	a	c	a	b	b	a
15	21.9	a	c	a	e	b	e
16	17.7	c	d	b	e	b	e
17	21.2	d	a	c	a	a	f
18	8.1	a	a	a	f	b	e
19	7.5	a	a	a	e	b	a
20	3.2	b	b	a	d	b	g

FIGURA 4

Experimento 1

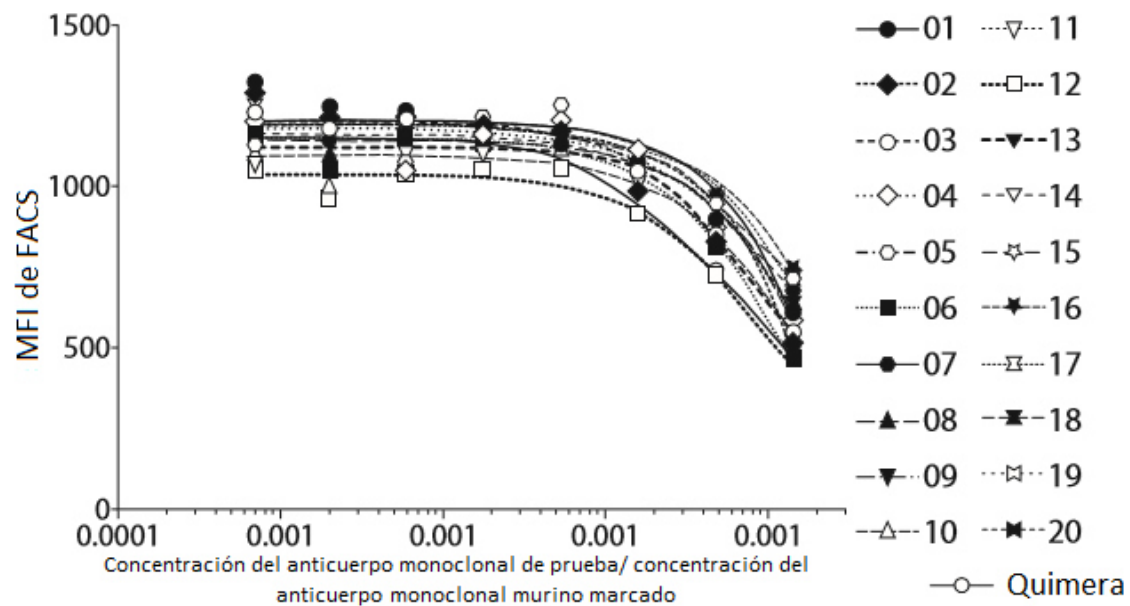


FIGURA 5A

Experimento 2

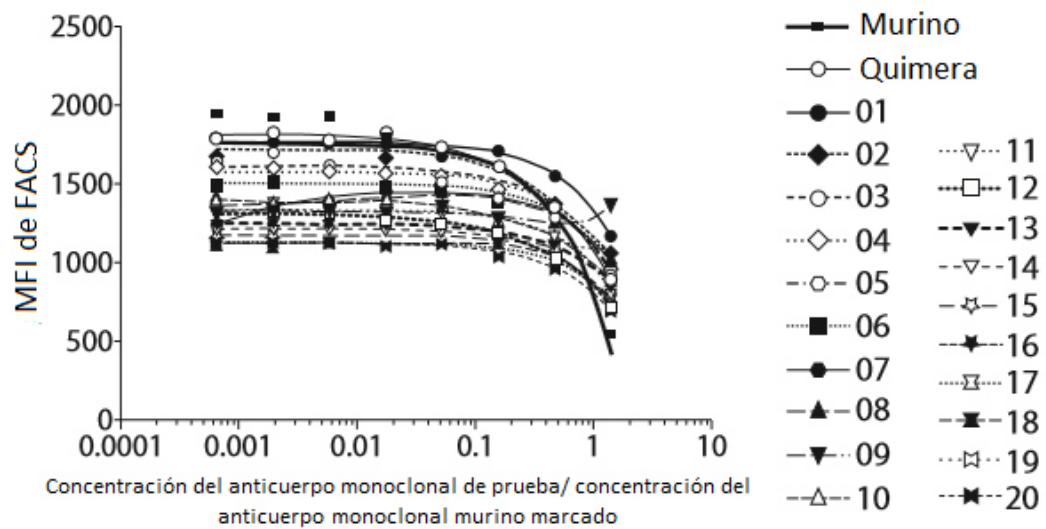


FIGURA 5B

Clon No.	Conc. $\mu\text{g/mL}$	Secuencia						Clasificación		Estructura
		HC			LC			Datos de unión	Datos de competencia	
		FW1	FW2	FW3	FW1	FW2	FW3			
		6 HC únicas			12 LC únicas				*	
1	35.4	a	a	a	a	a	a	1	2	D
2	25.2	a	a	a	a	a	b	5	1	B
3	3.2	a	a	a	b	b	a	7	1	E
4	26	a	a	a	a	c	c	8	2	E
5	16.9	a	a	a	c	a	a	6		E
6	9.1	a	a	a	d	b	d	9	1	E
7	35.8	a	a	a	a	d	d	8		C
8	24.7	a	a	a	e	b	e	4		E
9	19.9	b	b	a	a	a	b	8	2	B
10	7.7	b	b	a	b	b	a	9	2	E
11	34.9	b	b	a	a	d	d	2	2	C
12	17.9	b	b	a	e	b	e	3	2	E
13	24.9	b	a	a	a	a	b	9	3	A
14	7.5	a	c	a	b	b	a	9		F
15	21.9	a	c	a	e	b	e	20	20	F
16	17.7	c	d	b	e	b	e	20	20	D
17	21.2	d	a	c	a	a	f	9		E
18	8.1	a	a	a	f	b	e	8		C
19	7.5	a	a	a	e	b	a	9		D
20	3.2	b	b	a	d	b	g	9	3	C

*las casillas en blanco significan peor que 3.

FIGURA 6

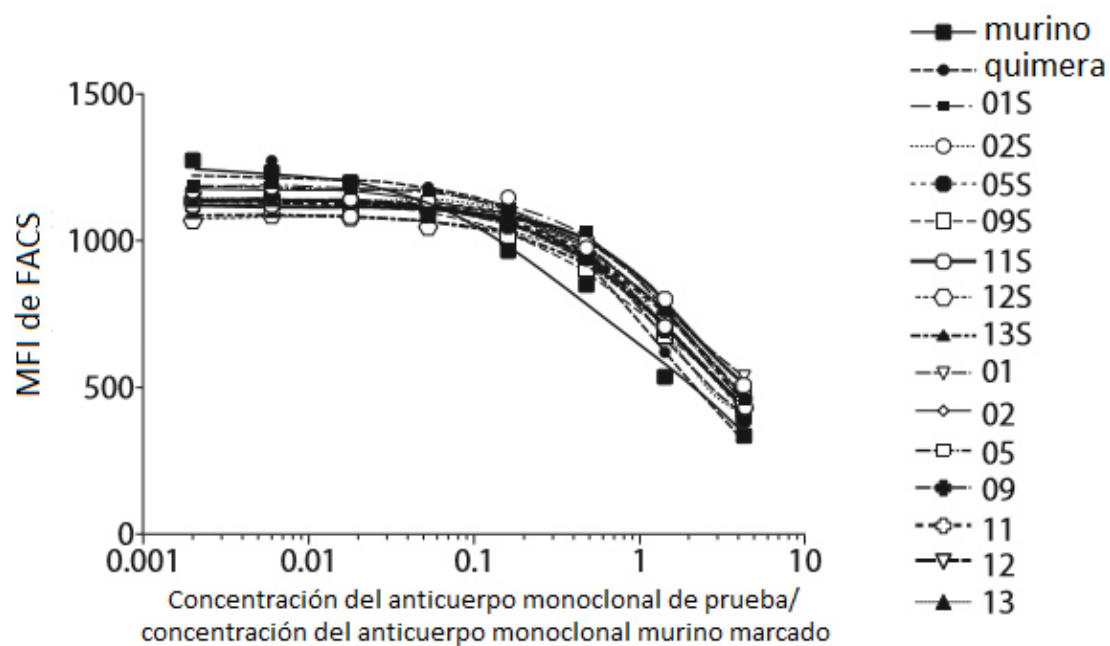


FIGURA 7

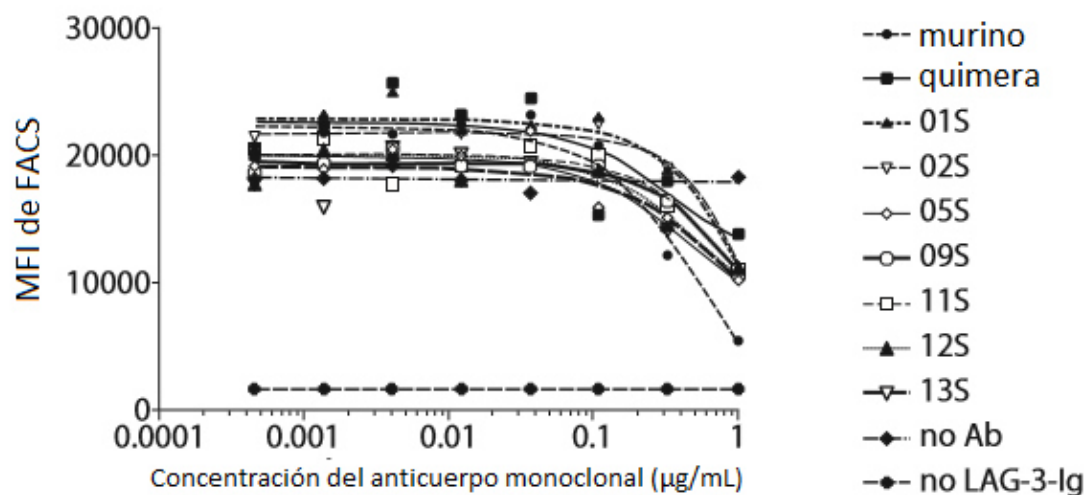


FIGURA 8

	10	20	30	40	50	60
						
BAP050-chi-HC	QIQLVQSGPELKKPGETVKISCKASGFTLTNYGMNWVRQTPGKGLKWMGWINTDTGEPTY					
BAP050-hum01-HC	EVQLVQSGAEVKKPGATVKISCKVSGFTLTNYGMNWVRQAPGQGLEWMGWINTDTGEPTY					
BAP050-hum02-HC	EVQLVQSGAEVKKPGATVKISCKVSGFTLTNYGMNWVRQAPGQGLEWMGWINTDTGEPTY					
BAP050-hum03-HC	EVQLVQSGAEVKKPGATVKISCKVSGFTLTNYGMNWVRQAPGQGLEWMGWINTDTGEPTY					
BAP050-hum04-HC	EVQLVQSGAEVKKPGATVKISCKVSGFTLTNYGMNWVRQAPGQGLEWMGWINTDTGEPTY					
BAP050-hum05-HC	EVQLVQSGAEVKKPGATVKISCKVSGFTLTNYGMNWVRQAPGQGLEWMGWINTDTGEPTY					
BAP050-hum06-HC	EVQLVQSGAEVKKPGATVKISCKVSGFTLTNYGMNWVRQAPGQGLEWMGWINTDTGEPTY					
BAP050-hum07-HC	EVQLVQSGAEVKKPGATVKISCKVSGFTLTNYGMNWVRQAPGQGLEWMGWINTDTGEPTY					
BAP050-hum08-HC	EVQLVQSGAEVKKPGATVKISCKVSGFTLTNYGMNWVRQAPGQGLEWMGWINTDTGEPTY					
BAP050-hum18-HC	EVQLVQSGAEVKKPGATVKISCKVSGFTLTNYGMNWVRQAPGQGLEWMGWINTDTGEPTY					
BAP050-hum19-HC	EVQLVQSGAEVKKPGATVKISCKVSGFTLTNYGMNWVRQAPGQGLEWMGWINTDTGEPTY					
BAP050-hum09-HC	QVQLVQSGAEVKKPGASVKVSCASGFTLTNYGMNWVRQARGQRLIEWIGWINTDTGEPTY					
BAP050-hum10-HC	QVQLVQSGAEVKKPGASVKVSCASGFTLTNYGMNWVRQARGQRLIEWIGWINTDTGEPTY					
BAP050-hum11-HC	QVQLVQSGAEVKKPGASVKVSCASGFTLTNYGMNWVRQARGQRLIEWIGWINTDTGEPTY					
BAP050-hum12-HC	QVQLVQSGAEVKKPGASVKVSCASGFTLTNYGMNWVRQARGQRLIEWIGWINTDTGEPTY					
BAP050-hum20-HC	QVQLVQSGAEVKKPGASVKVSCASGFTLTNYGMNWVRQARGQRLIEWIGWINTDTGEPTY					
BAP050-hum13-HC	QVQLVQSGAEVKKPGASVKVSCASGFTLTNYGMNWVRQAPGQGLEWMGWINTDTGEPTY					
BAP050-hum14-HC	EVQLVQSGAEVKKPGATVKISCKVSGFTLTNYGMNWVRQSPSRGLEWLGWINTDTGEPTY					
BAP050-hum15-HC	EVQLVQSGAEVKKPGATVKISCKVSGFTLTNYGMNWVRQSPSRGLEWLGWINTDTGEPTY					
BAP050-hum16-HC	EVQLVQSGAEVKKPGESLRISCKGSGFTLTNYGMNWVRQATGQGLEWMGWINTDTGEPTY					
BAP050-hum17-HC	QVQLVQSGSELKKPGASVKVSCASGFTLTNYGMNWVRQAPGQGLEWMGWINTDTGEPTY					
	70	80	90	100	110	120
						
BAP050-chi-HC	ADDFKGRFVFSLDTSVSTAYLQICSLKAEDTAVYYCARNPPYYYGTNNAEAMDYWGQGT'TTVVSS					
BAP050-hum01-HC	ADDFKGRFVFSLDTSVSTAYLQICSLKAEDTAVYYCARNPPYYYGTNNAEAMDYWGQGT'TTVVSS					
BAP050-hum02-HC	ADDFKGRFVFSLDTSVSTAYLQICSLKAEDTAVYYCARNPPYYYGTNNAEAMDYWGQGT'TTVVSS					
BAP050-hum03-HC	ADDFKGRFVFSLDTSVSTAYLQICSLKAEDTAVYYCARNPPYYYGTNNAEAMDYWGQGT'TTVVSS					
BAP050-hum04-HC	ADDFKGRFVFSLDTSVSTAYLQICSLKAEDTAVYYCARNPPYYYGTNNAEAMDYWGQGT'TTVVSS					
BAP050-hum05-HC	ADDFKGRFVFSLDTSVSTAYLQICSLKAEDTAVYYCARNPPYYYGTNNAEAMDYWGQGT'TTVVSS					
BAP050-hum06-HC	ADDFKGRFVFSLDTSVSTAYLQICSLKAEDTAVYYCARNPPYYYGTNNAEAMDYWGQGT'TTVVSS					
BAP050-hum07-HC	ADDFKGRFVFSLDTSVSTAYLQICSLKAEDTAVYYCARNPPYYYGTNNAEAMDYWGQGT'TTVVSS					
BAP050-hum08-HC	ADDFKGRFVFSLDTSVSTAYLQICSLKAEDTAVYYCARNPPYYYGTNNAEAMDYWGQGT'TTVVSS					
BAP050-hum18-HC	ADDFKGRFVFSLDTSVSTAYLQICSLKAEDTAVYYCARNPPYYYGTNNAEAMDYWGQGT'TTVVSS					
BAP050-hum19-HC	ADDFKGRFVFSLDTSVSTAYLQICSLKAEDTAVYYCARNPPYYYGTNNAEAMDYWGQGT'TTVVSS					
BAP050-hum09-HC	ADDFKGRFVFSLDTSVSTAYLQICSLKAEDTAVYYCARNPPYYYGTNNAEAMDYWGQGT'TTVVSS					
BAP050-hum10-HC	ADDFKGRFVFSLDTSVSTAYLQICSLKAEDTAVYYCARNPPYYYGTNNAEAMDYWGQGT'TTVVSS					
BAP050-hum11-HC	ADDFKGRFVFSLDTSVSTAYLQICSLKAEDTAVYYCARNPPYYYGTNNAEAMDYWGQGT'TTVVSS					
BAP050-hum12-HC	ADDFKGRFVFSLDTSVSTAYLQICSLKAEDTAVYYCARNPPYYYGTNNAEAMDYWGQGT'TTVVSS					
BAP050-hum20-HC	ADDFKGRFVFSLDTSVSTAYLQICSLKAEDTAVYYCARNPPYYYGTNNAEAMDYWGQGT'TTVVSS					
BAP050-hum13-HC	ADDFKGRFVFSLDTSVSTAYLQICSLKAEDTAVYYCARNPPYYYGTNNAEAMDYWGQGT'TTVVSS					
BAP050-hum14-HC	ADDFKGRFVFSLDTSVSTAYLQICSLKAEDTAVYYCARNPPYYYGTNNAEAMDYWGQGT'TTVVSS					
BAP050-hum15-HC	ADDFKGRFVFSLDTSVSTAYLQICSLKAEDTAVYYCARNPPYYYGTNNAEAMDYWGQGT'TTVVSS					
BAP050-hum16-HC	ADDFKGRVTISADKSISTAYLQWSSLKASDTAMYYCARNPPYYYGTNNAEAMDYWGQGT'TTVVSS					
BAP050-hum17-HC	ADDFKGRFVFSLDTSVSTAYLQISTLKAEDTATYFCARNPPYYYGTNNAEAMDYWGQGT'TTVVSS					

FIGURA 9A

9/11

	10	20	30	40	50	60
BAP050-chi-HC	QIQLVQSGPELKKPG	ETVKISCKASGFTLT	NYGMNVVRQTPGKGL	KWMGWINTDTG	EP	TY
BAP050-hum01-HC	EV.....A.V....A.....V.....	A..Q..E.....				
BAP050-hum02-HC	EV.....A.V....A.....V.....	A..Q..E.....				
BAP050-hum03-HC	EV.....A.V....A.....V.....	A..Q..E.....				
BAP050-hum04-HC	EV.....A.V....A.....V.....	A..Q..E.....				
BAP050-hum05-HC	EV.....A.V....A.....V.....	A..Q..E.....				
BAP050-hum06-HC	EV.....A.V....A.....V.....	A..Q..E.....				
BAP050-hum07-HC	EV.....A.V....A.....V.....	A..Q..E.....				
BAP050-hum08-HC	EV.....A.V....A.....V.....	A..Q..E.....				
BAP050-hum18-HC	EV.....A.V....A.....V.....	A..Q..E.....				
BAP050-hum19-HC	EV.....A.V....A.....V.....	A..Q..E.....				
BAP050-hum09-HC	.V.....A.V....AS..V.....	AR.QR.E.I.....				
BAP050-hum10-HC	.V.....A.V....AS..V.....	AR.QR.E.I.....				
BAP050-hum11-HC	.V.....A.V....AS..V.....	AR.QR.E.I.....				
BAP050-hum12-HC	.V.....A.V....AS..V.....	AR.QR.E.I.....				
BAP050-hum20-HC	.V.....A.V....AS..V.....	AR.QR.E.I.....				
BAP050-hum13-HC	.V.....A.V....AS..V.....	A..Q..E.....				
BAP050-hum14-HC	EV.....A.V....A.....V.....	I..S.SR..E.L.....				
BAP050-hum15-HC	EV.....A.V....A.....V.....	I..S.SR..E.L.....				
BAP050-hum16-HC	EV.....A.V....SLR...G.....	AT.Q..E.....				
BAP050-hum17-HC	.V.....S.....AS..V.....	A..Q..E.....				

	70	80	90	100	110	120
BAP050-chi-HC	ADDFKGRFAFSLETS	ASTASLQINNLKNAD	TATYFCARNPPYYY	GTNNAEAMDYWGQ	TTVT	VSS
BAP050-hum01-HC	V...D..V...Y...CS..AE...V.Y.....					
BAP050-hum02-HC	V...D..V...Y...CS..AE...V.Y.....					
BAP050-hum03-HC	V...D..V...Y...CS..AE...V.Y.....					
BAP050-hum04-HC	V...D..V...Y...CS..AE...V.Y.....					
BAP050-hum05-HC	V...D..V...Y...CS..AE...V.Y.....					
BAP050-hum06-HC	V...D..V...Y...CS..AE...V.Y.....					
BAP050-hum07-HC	V...D..V...Y...CS..AE...V.Y.....					
BAP050-hum08-HC	V...D..V...Y...CS..AE...V.Y.....					
BAP050-hum18-HC	V...D..V...Y...CS..AE...V.Y.....					
BAP050-hum19-HC	V...D..V...Y...CS..AE...V.Y.....					
BAP050-hum09-HC	V...D..V...Y...CS..AE...V.Y.....					
BAP050-hum10-HC	V...D..V...Y...CS..AE...V.Y.....					
BAP050-hum11-HC	V...D..V...Y...CS..AE...V.Y.....					
BAP050-hum12-HC	V...D..V...Y...CS..AE...V.Y.....					
BAP050-hum20-HC	V...D..V...Y...CS..AE...V.Y.....					
BAP050-hum13-HC	V...D..V...Y...CS..AE...V.Y.....					
BAP050-hum14-HC	V...D..V...Y...CS..AE...V.Y.....					
BAP050-hum15-HC	V...D..V...Y...CS..AE...V.Y.....					
BAP050-hum16-HC	VTI.ADK.I...Y..WSS..AS...M.Y.....					
BAP050-hum17-HC	V...D..V...Y...ST..AE.....					

FIGURA 9B

10/11

	10	20	30	40	50	60
BAP050-chi-LC	DIQMTQTSSLSASLGDRVTITCSSSQDISNYLNWYQQKPGDGVKVIYYTSTLHLGVPS					
BAP050-hum01-LC	DIQMTQSPSSLSASVGDRVTITCSSSQDISNYLNWYQQKPGKAPKLLIYYTSTLHLGVPS					
BAP050-hum02-LC	DIQMTQSPSSLSASVGDRVTITCSSSQDISNYLNWYQQKPGKAPKLLIYYTSTLHLGIPP					
BAP050-hum13-LC	DIQMTQSPSSLSASVGDRVTITCSSSQDISNYLNWYQQKPGKAPKLLIYYTSTLHLGIPP					
BAP050-hum09-LC	DIQMTQSPSSLSASVGDRVTITCSSSQDISNYLNWYQQKPGKAPKLLIYYTSTLHLGIPP					
BAP050-hum03-LC	EIVLTQSPATLPVSLGQTASISCSSSQDISNYLNWYQQKPGQAPRLLIYYTSTLHLGVPS					
BAP050-hum10-LC	EIVLTQSPATLPVSLGQTASISCSSSQDISNYLNWYQQKPGQAPRLLIYYTSTLHLGVPS					
BAP050-hum14-LC	EIVLTQSPATLPVSLGQTASISCSSSQDISNYLNWYQQKPGQAPRLLIYYTSTLHLGVPS					
BAP050-hum04-LC	DIQMTQSPSSLSASVGDRVTITCSSSQDISNYLNWYQQKPGQSPQLLIYYTSTLHLGIPD					
BAP050-hum05-LC	EIVLTQSPATLSLSPGERATLSCSSSQDISNYLNWYQQKPGKAPKLLIYYTSTLHLGVPS					
BAP050-hum06-LC	DIVMTQTPLSLPVTPGEPASISCSSSQDISNYLNWYQQKPGQAPRLLIYYTSTLHLGVPS					
BAP050-hum07-LC	DIQMTQSPSSLSASVGDRVTITCSSSQDISNYLNWYQQKPGQSPQLLIYYTSTLHLGVPS					
BAP050-hum11-LC	DIQMTQSPSSLSASVGDRVTITCSSSQDISNYLNWYQQKPGQSPQLLIYYTSTLHLGVPS					
BAP050-hum08-LC	EIVLTQSPDFQSVTPKEKVTITCSSSQDISNYLNWYQQKPGQAPRLLIYYTSTLHLGVPS					
BAP050-hum12-LC	EIVLTQSPDFQSVTPKEKVTITCSSSQDISNYLNWYQQKPGQAPRLLIYYTSTLHLGVPS					
BAP050-hum15-LC	EIVLTQSPDFQSVTPKEKVTITCSSSQDISNYLNWYQQKPGQAPRLLIYYTSTLHLGVPS					
BAP050-hum16-LC	EIVLTQSPDFQSVTPKEKVTITCSSSQDISNYLNWYQQKPGQAPRLLIYYTSTLHLGVPS					
BAP050-hum17-LC	DIQMTQSPSSLSASVGDRVTITCSSSQDISNYLNWYQQKPGKAPKLLIYYTSTLHLGVPS					
BAP050-hum18-LC	AIQLTQSPSSLSASVGDRVTITCSSSQDISNYLNWYQQKPGQAPRLLIYYTSTLHLGVPS					
BAP050-hum19-LC	EIVLTQSPDFQSVTPKEKVTITCSSSQDISNYLNWYQQKPGQAPRLLIYYTSTLHLGVPS					
BAP050-hum20-LC	DIVMTQTPLSLPVTPGEPASISCSSSQDISNYLNWYQQKPGQAPRLLIYYTSTLHLGIPD					

	70	80	90	100
BAP050-chi-LC	RFSGSGSGTDYSLTISNLEIEDIATYYCQQYYNLPWTFGQGTKVEIK			
BAP050-hum01-LC	RFSGSGSGTDFTFTISSLEAEDAATYYCQQYYNLPWTFGQGTKVEIK			
BAP050-hum02-LC	RFSGSGYGTDFTLTINNIESEDAAYYFCQQYYNLPWTFGQGTKVEIK			
BAP050-hum13-LC	RFSGSGYGTDFTLTINNIESEDAAYYFCQQYYNLPWTFGQGTKVEIK			
BAP050-hum09-LC	RFSGSGYGTDFTLTINNIESEDAAYYFCQQYYNLPWTFGQGTKVEIK			
BAP050-hum03-LC	RFSGSGSGTDFTFTISSLEAEDAATYYCQQYYNLPWTFGQGTKVEIK			
BAP050-hum10-LC	RFSGSGSGTDFTFTISSLEAEDAATYYCQQYYNLPWTFGQGTKVEIK			
BAP050-hum14-LC	RFSGSGSGTDFTFTISSLEAEDAATYYCQQYYNLPWTFGQGTKVEIK			
BAP050-hum04-LC	RFSGSGSGTDFTLTISRLEPEDFAVYYCQQYYNLPWTFGQGTKVEIK			
BAP050-hum05-LC	RFSGSGSGTDFTFTISSLEAEDAATYYCQQYYNLPWTFGQGTKVEIK			
BAP050-hum06-LC	RFSGSGSGTEFTLTISLQPDFATYYCQQYYNLPWTFGQGTKVEIK			
BAP050-hum07-LC	RFSGSGSGTEFTLTISLQPDFATYYCQQYYNLPWTFGQGTKVEIK			
BAP050-hum11-LC	RFSGSGSGTEFTLTISLQPDFATYYCQQYYNLPWTFGQGTKVEIK			
BAP050-hum08-LC	RFSGSGSGTDFTLTISLQPEDFATYYCQQYYNLPWTFGQGTKVEIK			
BAP050-hum12-LC	RFSGSGSGTDFTLTISLQPEDFATYYCQQYYNLPWTFGQGTKVEIK			
BAP050-hum15-LC	RFSGSGSGTDFTLTISLQPEDFATYYCQQYYNLPWTFGQGTKVEIK			
BAP050-hum16-LC	RFSGSGSGTDFTLTISLQPEDFATYYCQQYYNLPWTFGQGTKVEIK			
BAP050-hum17-LC	RFSGSGSGTDFTFTISSLQPEDIATYYCQQYYNLPWTFGQGTKVEIK			
BAP050-hum18-LC	RFSGSGSGTDFTLTISLQPEDFATYYCQQYYNLPWTFGQGTKVEIK			
BAP050-hum19-LC	RFSGSGSGTDFTFTISSLEAEDAATYYCQQYYNLPWTFGQGTKVEIK			
BAP050-hum20-LC	RFSGSGSGTDFTLTISRLEPEDFAVYYCQQYYNLPWTFGQGTKVEIK			

FIGURA 10A

11/11

	10	20	30	40	50	60
BAP050-chi-LC	DIQMTQTSSLSASLGDRVTISCSSSQDISNYLNWYQQKPDGTVKVLIIYYTSTLHLGVPS					
BAP050-hum01-LC	SP.....V.....T.....GKAP.L.....					
BAP050-hum02-LC	SP.....V.....T.....GKAP.L.....I.P					
BAP050-hum13-LC	SP.....V.....T.....GKAP.L.....I.P					
BAP050-hum09-LC	SP.....V.....T.....GKAP.L.....I.P					
BAP050-hum03-LC	E.VL..SPAT.PV...QTAS.....GQAPRL.....					
BAP050-hum10-LC	E.VL..SPAT.PV...QTAS.....GQAPRL.....					
BAP050-hum14-LC	E.VL..SPAT.PV...QTAS.....GQAPRL.....					
BAP050-hum04-LC	SP.....V.....T.....L...GQSPQL.....I.D					
BAP050-hum05-LC	E.VL..SPAT..L.P.E.A.L.....GKAP.L.....					
BAP050-hum06-LC	..V....PL..PVTP.EPAS.....GQAPRL.....					
BAP050-hum07-LC	SP.....V.....T.....L...GQSPQL.....					
BAP050-hum11-LC	SP.....V.....T.....L...GQSPQL.....					
BAP050-hum08-LC	E.VL..SPDFQ.VTPKEK...T.....GQAPRL.....					
BAP050-hum12-LC	E.VL..SPDFQ.VTPKEK...T.....GQAPRL.....					
BAP050-hum15-LC	E.VL..SPDFQ.VTPKEK...T.....GQAPRL.....					
BAP050-hum16-LC	E.VL..SPDFQ.VTPKEK...T.....GQAPRL.....					
BAP050-hum17-LC	SP.....V.....T.....GKAP.L.....					
BAP050-hum18-LC	A..L..SP.....V.....T.....GQAPRL.....					
BAP050-hum19-LC	E.VL..SPDFQ.VTPKEK...T.....GQAPRL.....					
BAP050-hum20-LC	..V....PL..PVTP.EPAS.....GQAPRL.....I.D					

	70	80	90	100
BAP050-chi-LC	RPSGSGSGTDYSLTISNLELEDIATYYCQQYYNLPWTFGQGTKVEIK			
BAP050-hum01-LC	FTF...S..A..A.....			
BAP050-hum02-LC	Y...FT...N.I.S..A.Y.F.....			
BAP050-hum13-LC	Y...FT...N.I.S..A.Y.F.....			
BAP050-hum09-LC	Y...FT...N.I.S..A.Y.F.....			
BAP050-hum03-LC	FTF...S..A..A.....			
BAP050-hum10-LC	FTF...S..A..A.....			
BAP050-hum14-LC	FTF...S..A..A.....			
BAP050-hum04-LC	FT...R..P..F.V.....			
BAP050-hum05-LC	FTF...S..A..A.....			
BAP050-hum06-LC	EFT...S.QPD.F.....			
BAP050-hum07-LC	EFT...S.QPD.F.....			
BAP050-hum11-LC	EFT...S.QPD.F.....			
BAP050-hum08-LC	FT...S.QP..F.....			
BAP050-hum12-LC	FT...S.QP..F.....			
BAP050-hum15-LC	FT...S.QP..F.....			
BAP050-hum16-LC	FT...S.QP..F.....			
BAP050-hum17-LC	FTF...S.QP.....			
BAP050-hum18-LC	FT...S.QP..F.....			
BAP050-hum19-LC	FTF...S..A..A.....			
BAP050-hum20-LC	FT...R..P..F.V.....			

FIGURA 10B

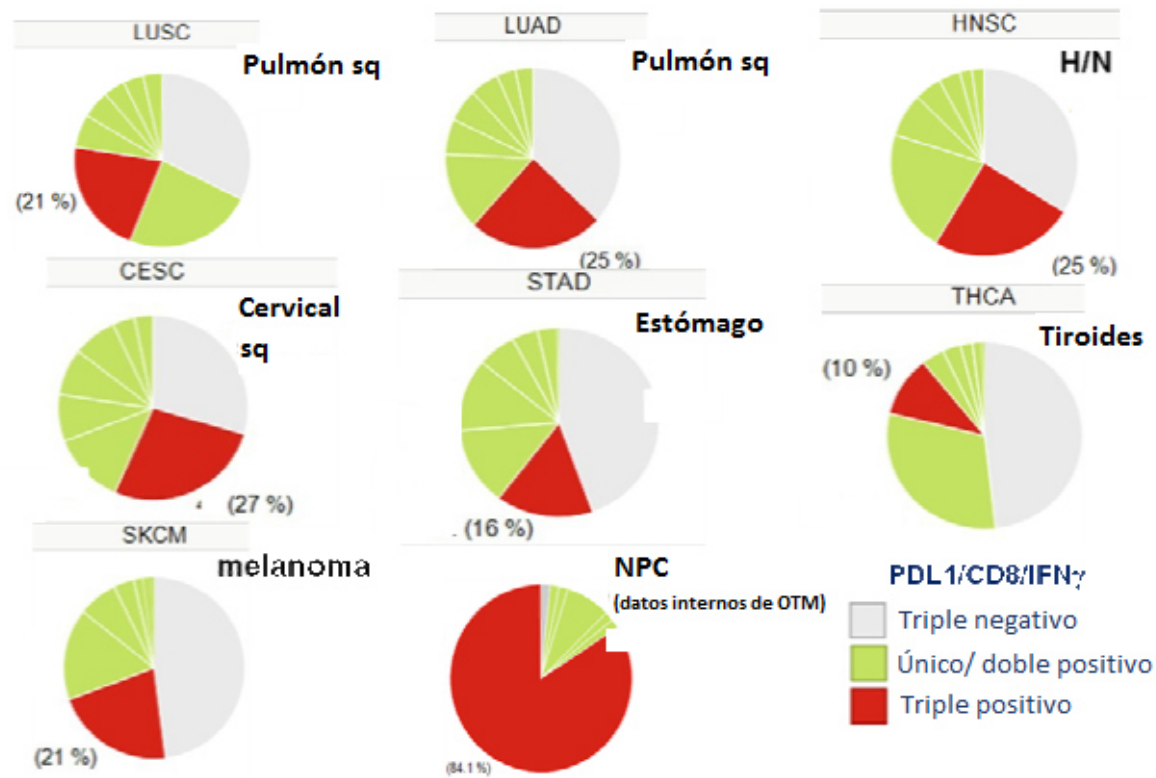


FIGURA 11

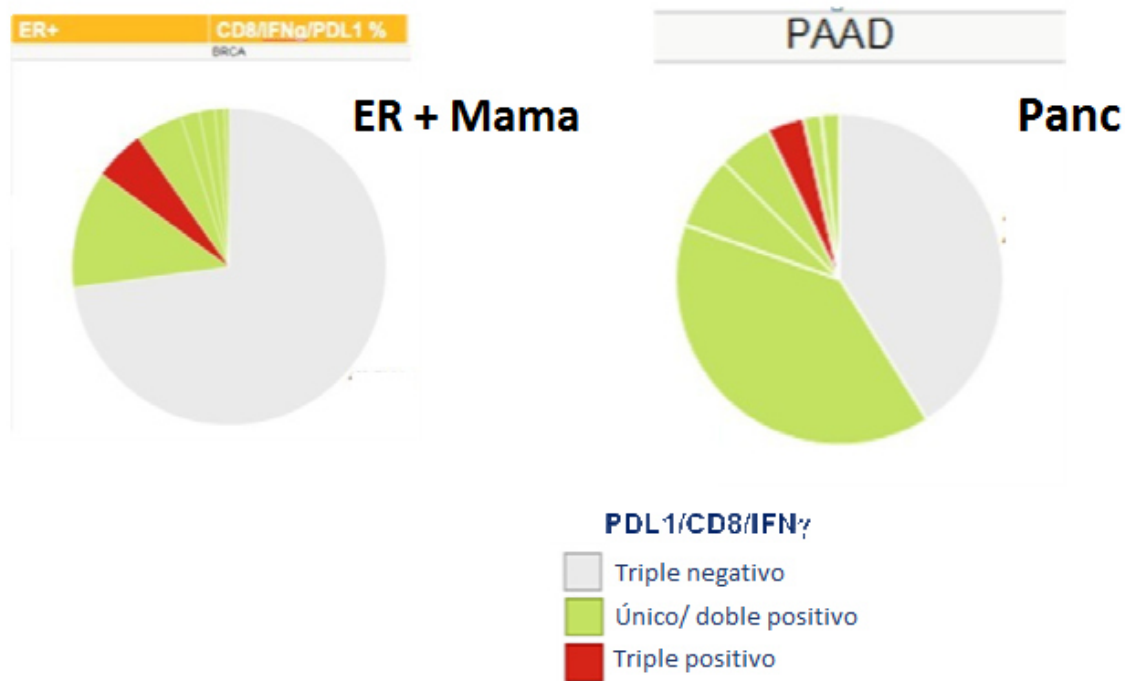


FIGURA 12

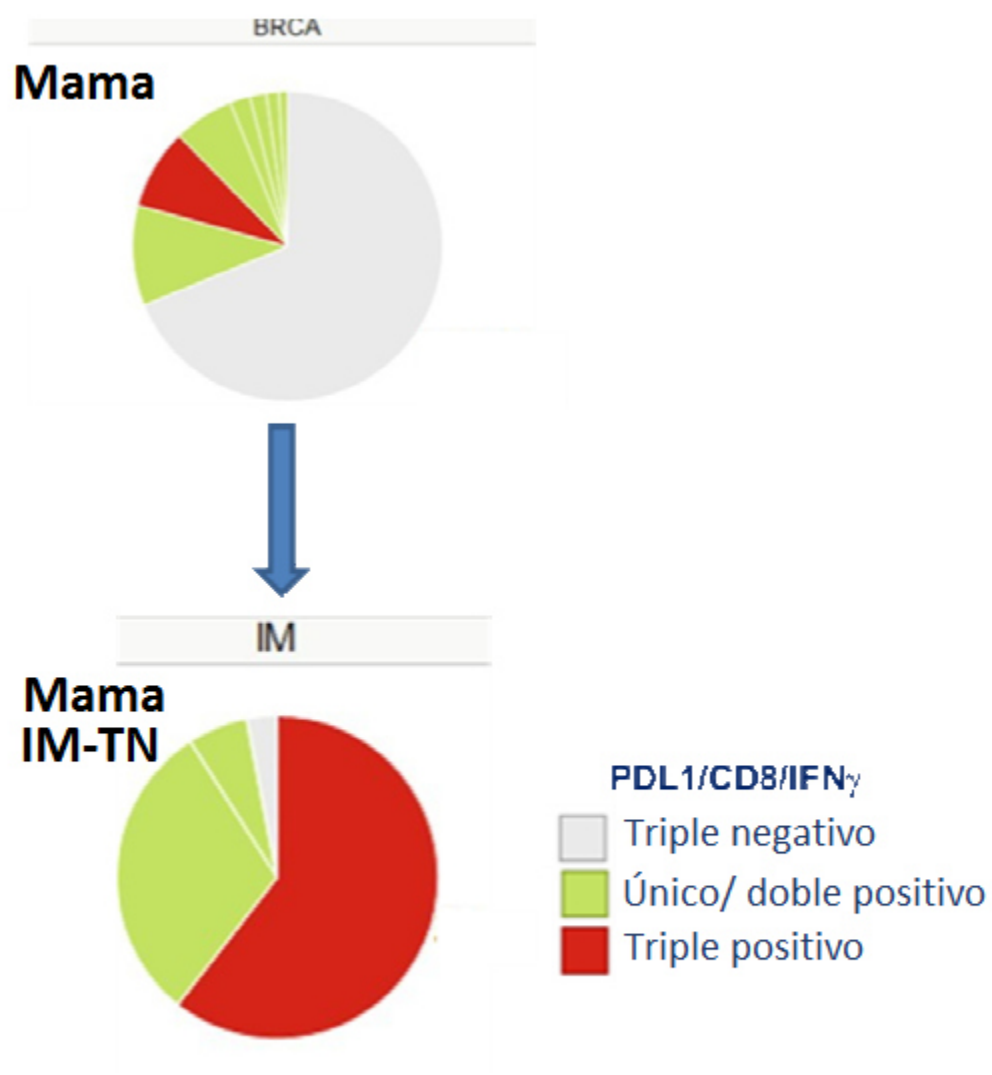


FIGURA 13

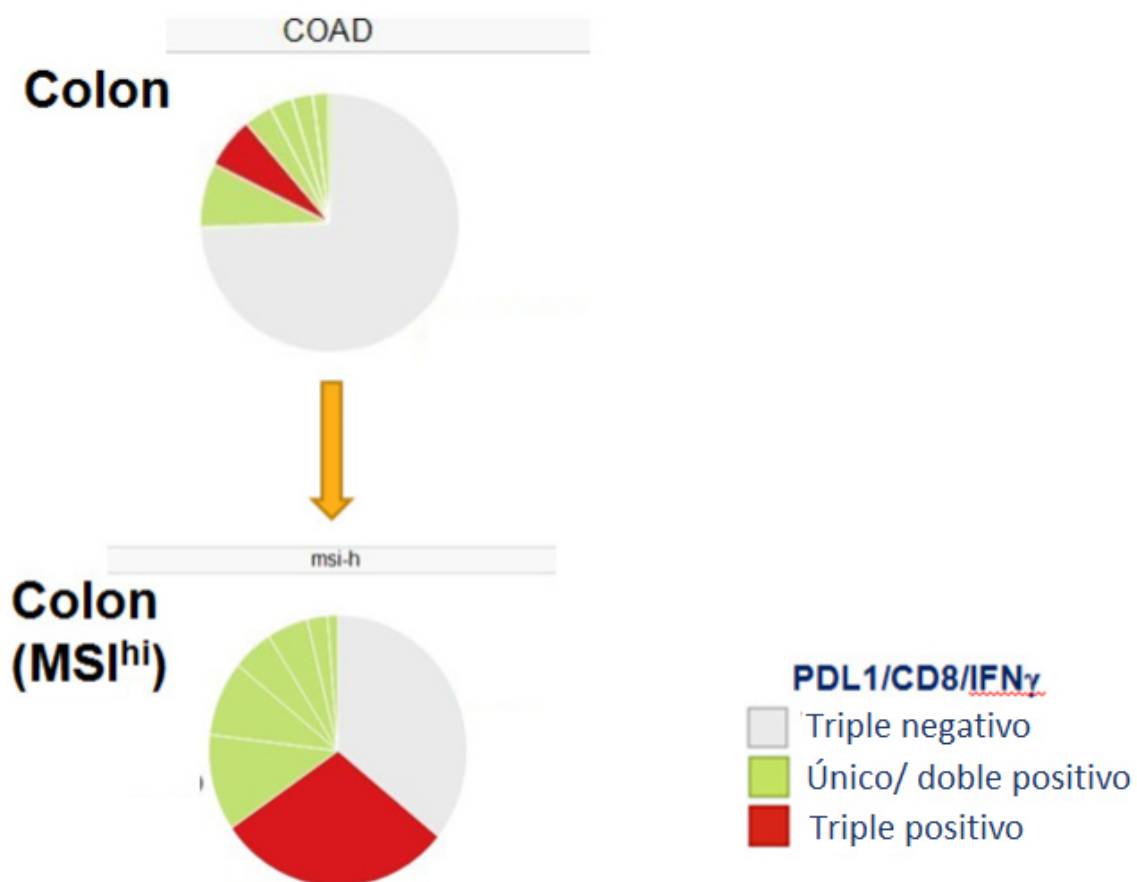


FIGURA 14