

FIG.1 (start)

4E7 - C9VH	YYAESLKGRFTISRDDPKRSIYQLQMNLSLREEDTAIYYCRY-VHYG--IGYAMDAGWQGTS	VTVSS	122
18F5 - H10VH	YYAESVKGRFTISRDDSKSSIYQLQMNLSLKEEDTAIYYCRY-VHYR--FAYALDAWGRGTS	VSVSS	122
11F3 - B9VH	YYAESVKGRFTISRDDSKRSVYQLQMNLSLKEEDTAIYYCRY-VNYG--LAPMDVWGQGTS	VTVSS	122
16F8 - A7VH	YYAESVKGRFTISRDDSKSSVYQLQMNLSLKEEDTAIYYCRY-VNYG--LAPMDVWGQGTS	VTVSS	122
13H2 - C2VH	YYAESVKGRFTISRDDSKSSVYQLQMNLSLKEEDTAIYYCRY-VHYG--LAPMDAGWQGTS	VTVSS	121
4B4 - D7VH	YYAESVKGRFTISRDDSKSTIYQLQMNLSLKEEDTAIYYCRG-TYYA--SKPFDYWGQGVM	VTVSS	117
20G6 - F3VH	YYAESVKGRFTISRDDSKSTIYQLQMNLSLKEEDTAIYYCRG-VYYA--LSPFDYWGQGVM	VTVSS	121
13C1 - F6VH	YYAESVKGRFTISRDDSKTSVYQLQNLNSLREEDTAIYYCRG-TQYG--YNPFDYWGQGVM	VTVSS	121
11F9 - F8VH	YYAESVKGRFTISRDDSKTSVYQLQNLNSLREEDTAIYYCRG-TQYG--YNPFDYWGQGVM	VTVSS	121
10E6 - G6VH	YYAESVKGRFTISRDDSKSSVYQLQMNLSLKEEDTAIYYCRG-TQYG--YNPFDYWGQGVM	VTVSS	121
11H3 - E5VH	YYAESVKGRFTISRDDSKSSVYQLQMNLSLKEEDTAIYYCRG-TYYA--YKPFDYWGQGVM	VTVSS	121
12G3 - E8VH	YYAESVKGRFTISRDDSKRSVYQLQMNRLKEEDTAIYYCRG-VYYGF-SMTPFDYWGQGVM	VTVSS	121
5B1 - G2VH	YYAESVKGRFTISRDDSKGSIYQLQMNLSLKEEDTAIYYCRG-LYYG--LFPSDYWGQGVM	VTVSS	121
11D7 - C3VH	YYAESVKGRFTISRDDSKSSVYQLQMNLSLKEEDTAIYYCRG-LYYG--LSPSDYWGQGVM	VTVSS	123
10F4 - C10VH	YYAESVKGRFTISRDDSKSSIYQLQMNLSLKEEDTAIYYCRA-VNYG--NYPLDYWGQGVM	VTVSS	121
3H6 - D2VH	YYAESVKGRFTISRDDSKSIYQLQMNLSLKEEDTAIYYCRALTYGY-KRDAMDGWGHGTS	VTVSS	121
18G9 - H11VH	YYAESVKGRFTISRDDSKSSVYQLQMNLSLKEEDTAIYYCTWRHYYS--SHTMDAGWQGTL	VTVSS	121
1E6 - C9VH	YYAESVEGRFTISRDDSKSSVYQLQMNLSLKEEDTAIYYCRG-VYYG--LLGLDAWGQGTS	VTVSS	124
20B5 - F10VH	YYAESVKGRFTISRDDSISSVYQLQMNLSLKEEDTAIYYCRG-VYYG--FLGMDAGWQGTS	VTVSS	122
20E5 - F10VH	YYAESVNGRFTISRDDSKSSIYLHMDNLKEEDSAIYYCRY-VHYGVRFYTMVWGQGTS	VTVSS	124

*****. :*: *:***: * ***: * ***: *

FIG.1 (end)

11D7 - C3VL	DVVM	QT	TP	VS	LS	VS	LG	QV	SI	SCR	SS	Q	SL	VH	NG	NT	Y	LS	W	L	Q	K	P	G	Q	S	P	Q	L	I	Y	K	V	S	N	R	F	60			
1E6 - C9VL	DVVM	QT	TP	VS	LS	VS	LG	QV	SI	SCR	SS	Q	SL	VH	NG	NT	Y	LS	W	F	L	Q	K	P	G	Q	S	P	Q	L	I	Y	K	V	S	N	R	F	60		
20B5 - F10VL	DVVM	QT	TP	VS	LS	VS	LG	QV	SI	SCR	SS	Q	R	L	VH	NG	NT	Y	LS	W	L	Q	K	P	G	Q	S	P	Q	L	I	V	Y	K	V	S	N	R	F	60	
4B4 - D7VL	DVVM	QT	TP	VS	LS	VS	LG	QV	SI	SCR	SS	Q	SL	VH	D	NG	NT	Y	LS	W	S	L	Q	R	P	G	Q	S	P	Q	V	L	I	Y	K	V	S	N	R	F	60
11H3 - E5VL	DVVM	QT	TP	VS	LS	VS	LG	QV	SI	SCR	SS	Q	SL	VH	D	NG	NT	Y	LS	W	S	L	Q	K	P	G	Q	S	P	Q	V	L	I	Y	K	V	S	N	R	F	60
11F9 - F8VL	DVVL	T	Q	TP	VS	LS	VS	LG	QV	SI	SCR	SS	Q	SL	VH	NG	NT	Y	LS	W	S	L	Q	K	P	G	Q	S	P	Q	V	L	I	Y	K	V	S	N	R	F	60
20G6 - F3VL	DVVM	QT	TP	VS	LS	VS	LG	QV	SI	SCR	SS	Q	SL	VH	NG	NT	Y	LS	W	L	Q	K	P	G	Q	S	P	Q	S	L	I	Y	K	V	S	N	R	F	60		
20E5 - F10VL	DVVM	QT	TP	VS	LS	VS	LG	QV	SI	SCR	P	S	Q	SL	VH	NG	NT	Y	LS	W	L	Q	K	P	G	Q	S	P	H	P	L	I	Y	K	V	S	N	R	F	60	
13H2 - C2VL	DVVM	QT	TP	VS	LS	VS	LG	QV	SI	SCR	SS	Q	SL	VH	NG	NT	Y	LS	W	L	Q	K	A	G	Q	S	P	Q	L	I	Y	K	V	S	N	R	F	60			
3H6 - D2	DVVM	QT	TP	VS	LS	VS	LG	QV	SI	SCR	SS	Q	SL	VH	NG	NT	Y	LS	W	L	Q	K	P	G	Q	S	P	Q	L	I	Y	K	V	S	N	R	F	60			
18G9 - H11VL	DVVM	QT	TP	VS	LS	VS	LG	QV	SI	SCR	SS	Q	SL	VH	NG	NT	Y	LS	W	L	Q	K	P	G	Q	S	P	Q	L	I	Y	K	V	S	N	R	F	60			
10F4 - C10VL	DVVM	QT	TP	VS	LS	VS	LG	QV	SI	SCR	SS	Q	SL	VH	NG	NT	Y	LS	W	C	L	Q	K	P	G	Q	S	P	Q	L	I	Y	K	V	S	N	R	F	60		
11F3 - B9VL	DVVM	QT	TP	VS	LS	VS	LG	QV	SI	SCR	SS	Q	SL	VH	D	NG	NT	Y	LS	W	L	Q	K	P	G	Q	S	P	Q	L	I	Y	K	V	S	N	R	F	60		
16F8 - A7VL	DVVM	QT	TP	VS	LS	VS	LG	QV	SI	SCR	SS	Q	SL	VH	NG	NT	Y	LS	W	L	Q	K	P	G	Q	S	P	Q	L	I	Y	K	V	S	N	R	F	60			
18F5 - H10VL	DVLM	T	Q	TP	VS	LS	VS	LG	QV	SI	SCR	SS	Q	SL	VH	T	NG	NT	Y	LS	W	L	Q	K	P	G	Q	S	P	Q	L	I	Y	K	V	S	N	R	L	60	
12G3 - E8VL	DVAM	T	Q	TP	VS	LS	VS	LG	QV	SI	SCR	SS	Q	SL	VH	NG	NT	Y	LS	W	L	Q	K	P	G	Q	S	P	Q	V	L	I	Y	K	V	S	N	R	F	60	
4E7 - C9VL	DVVM	QT	TP	VS	LS	VS	LG	QV	SI	SCR	SS	Q	S	L	E	H	NG	NT	Y	LS	W	L	Q	K	P	G	Q	S	P	L	I	Y	K	V	S	N	R	F	60		
5B1 - G2VL</																																									

FIG. 2 (start)

FIG. 2 (end)

1E1 -G5VH	QVQLQESGPTLVKPGDSVKMSCKA	FGYTF	TDHI	IHWVKQSHGKSLEWIGY	INPYSGGTNY	60
9F6 -G3VH	QVQLQESGPTLVKPGDSVKMSCKAS	GYTF	TDYI	IHWVKQSHGKSLEWIGY	INPYSDGTNY	60
8B11 -B7VH	QVQLQESGPTLVNPGDSVKMSCKAS	GYTF	TDHI	IHWVKQSHGKSLEWIGY	INPYSGGANY	60
6D6 -B8VH	QVQLQESGPTLVKPGDSVKMSCKAS	AYTF	TDNI	IHWVKQSHGKSLEWIGY	INPYSGGTNY	60
	*****;	*****	*****	*****;	*****.	***
1E1 -G5VH	NEKFKSKATLTVDKSSSTAYMEFS	R	LTSEDS	AI	CY	CALNYGSYYAMD
9F6 -G3VH	NEKFKSKATLTVDKSTSTAYMEFS	R	LTSEDS	AI	YFC	CALNYGSYYAMD
8B11 -B7VH	NGKFKSKATLTIDKSSSTAYMEFS	R	LTSGDS	AI	YY	CALNYGSYYAMD
6D6 -B8VH	NGWFRSKATLTVDKSSSTAYMEFS	R	LTSDDS	AI	YY	CALNYGSYYAMD
	* *;	*****;	*****	*****	*****	*****
6D6 -B8VL	DIQMTQSPASLSASLG	ETVTIDCRP	SEDI	FNN	LAWYQ	QKPGNSPQLLIYD
9F6 -G3VL	DIQMTQSPASLSASLG	ETVTIECRP	SEDI	HSN	VAWYQ	QKPGNSPQLLIYD
1E1 -G5VL	DIQMTQSPASLSASLG	QTVTIECRP	SEDI	YSN	LAWFQ	QKPGSSPQLLIYD
8B11 -B7VL	DIQMTQSPASLSASLG	ETVTIECRTS	KDI	YSN	LAWFQ	QEPGNSPQLLIYD
	*****;	*****;	*****;	*****;	*****;	*****;
6D6 -B8VL	RFSGSGSGTQYSLMI	IRLQ	SEDV	ASYF	CHQ	YNIYPYTF
9F6 -G3VL	RFSGSGSGTQYSLKIN	SLQ	SEDV	ASYF	CHQ	YNIYPYTF
1E1 -G5VL	RFSGSGSGTQYSLKIN	SLQ	SEDV	ASYF	CHQ	YNIYPYTF
8B11 -B7VL	RFSGSGSGTQYSLQINN	LQ	SEDV	ASYF	CHQ	YNNYPYTF
	*****	*	*****;	*****;	*****;	*****;

FIG.3

9B8 - G6VH	EVKLQESGPSLVQSSQTLTLTCTVSGFSLT	SYHIIHWVRQPPGKGLEWGMVMSDGD	TSYS	60
9D7 - C8VH	EVKLQESGPSLVQSSQTLTLTCTVSGFSLT	SYHIIHWVRQTPGKGLEWGMVMSDGD	TSYN	60
6C10 - C4VH	EVKLQESGPSLVQSPSETLTLTCTVSGFSLT	SYSVHWVRQHSKGKSLWGMGRMWN	DGDTSYN	60
	*****.*;*****;*****.***.******.*			
9B8 - G6VH	SALKSRLSISRDTSQSQVFLKMNSLQ	TEDTATYYCARGDYSSYIYLWF	FAYWGQGLVTVS	S 121
9D7 - C8VH	SALKSRLSISRDTSQSQVFLKMNSLQ	TEDTATYYCARGYSSYLYLWF	FAYWGQGLVTVS	S 121
6C10 - C4VH	SAFTSRLSISRDTSGQVFLKMNSLQ	TEDTGTYYCARGHRT	-----FDYWGQGVMTVS	S 116
	;.***;..*****.*	;. .	* *****.*	*
6C10 - C4VL	DIVMTQSPSSLAVSAGETVTINCKSSQ	SFLSSGDERNYVAWYQHKPGQSPKLLIY	WASTR	60
9B8 - G6VL	DIVMTQSPSSLAVSAGETVTINCKSSQ	SFLSSGDERNYVAWYQHKPGQSPKLLIY	WASTR	60
9D7 - C8VL	DIVMTQSPSSLAVSEGETVTINCKSSQ	SFLSSGDGKNYVAWYQYKPGQSPKLLIY	WASTR	60
	*****	*****	*****;*****	*****
6C10 - C4VL	HSGVPDRFIGSGSGTDFTLTISSVQ	AEDLAIYYCQYYDTPLTFGSGTKLEIK	113	
9B8 - G6VL	HSGVPDRFIGSGSGTDFTLTISSVQ	AEDLAIYYCQYYDTPLTFGSGTKLEIK	113	
9D7 - C8VL	QSGVPDRFIGSGSGTDFTLTI	STVQAE	LAIYYCQYYDTPLTFGSGTKLEIK	113
	*****	*****;*****	*****	*****

FIG.4

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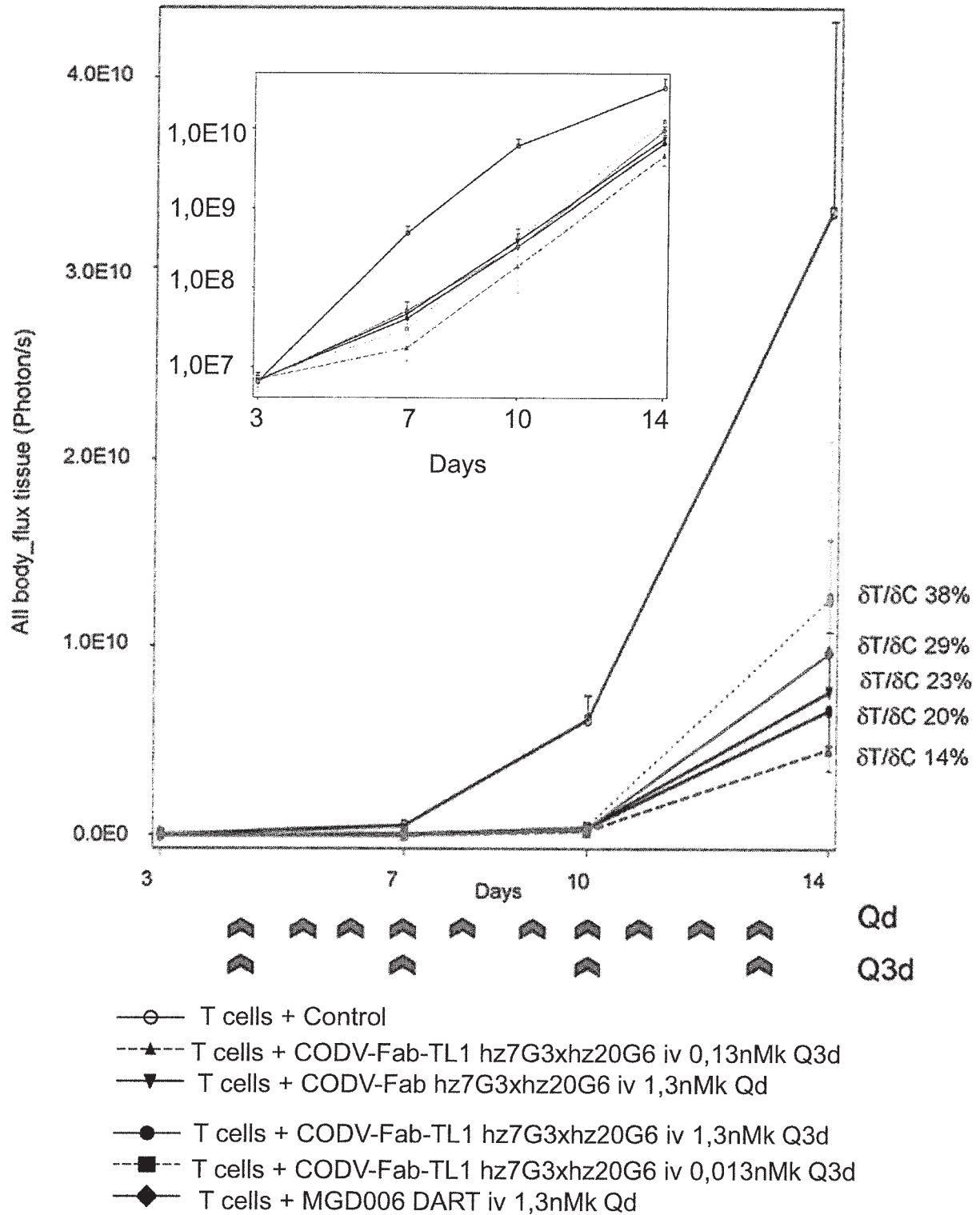


FIG.5

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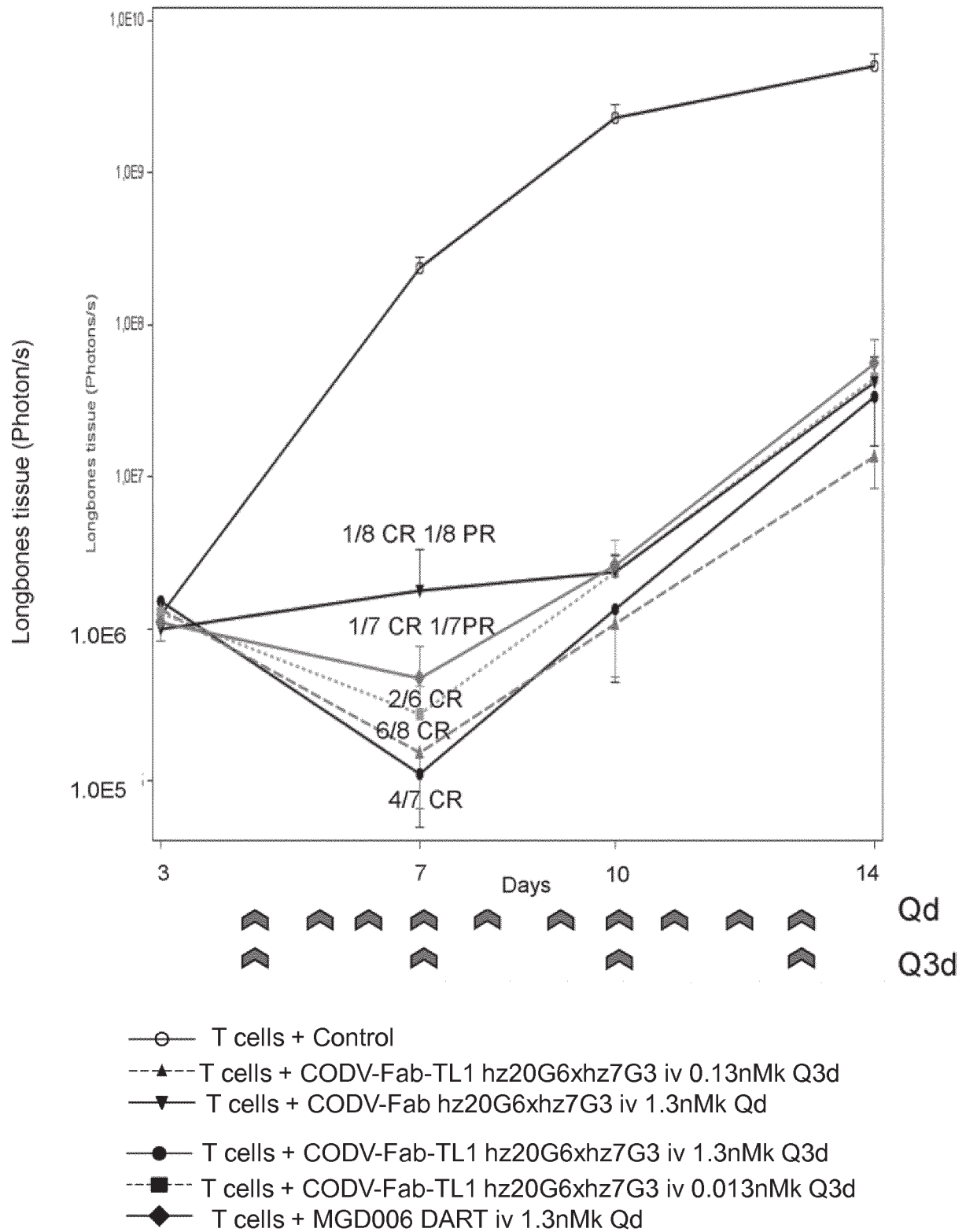


FIG.6

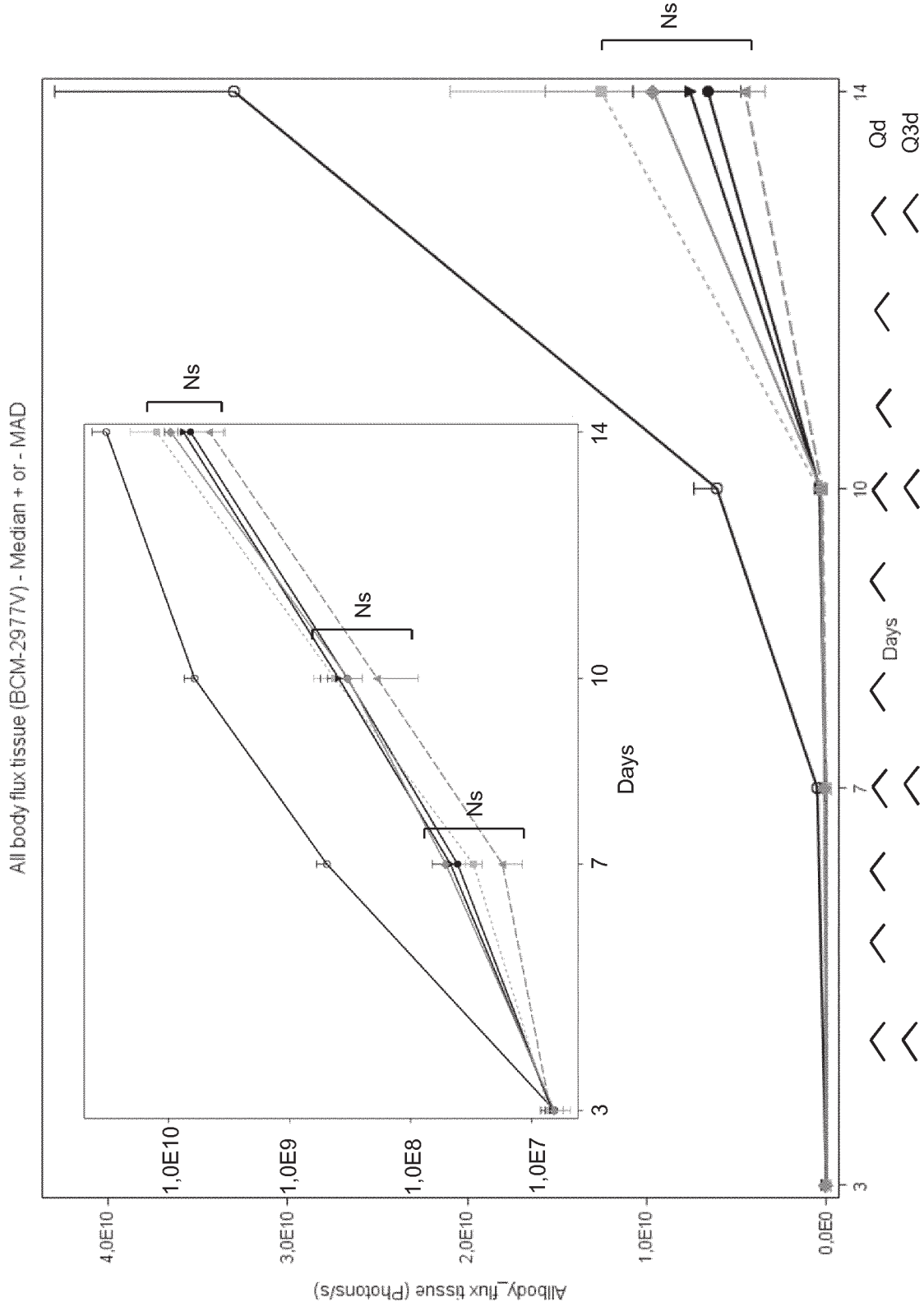
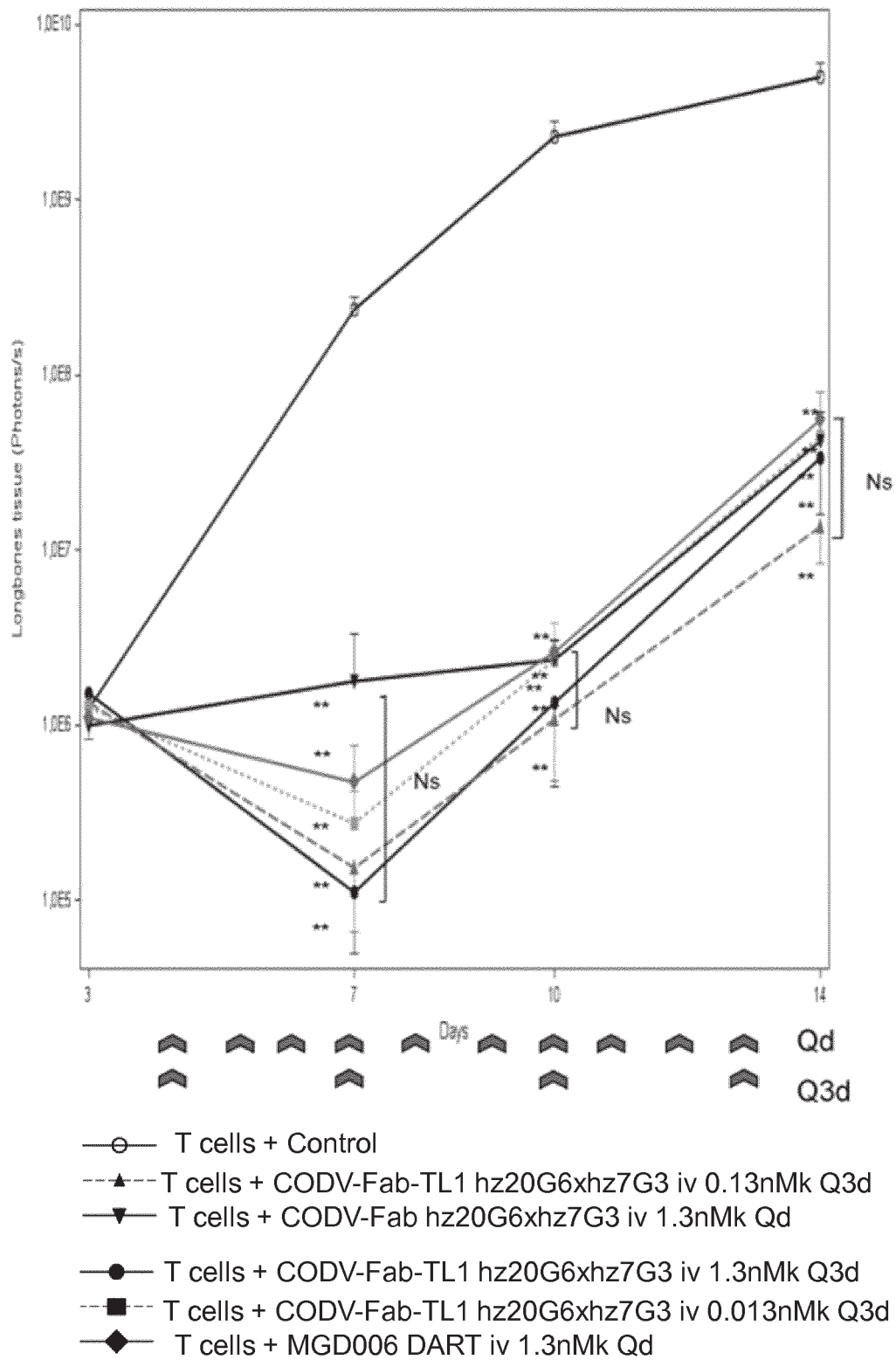


FIG.7

—○— T cells + Control
 - - -▲- - - T cells + CODV-Fab-TL1 hz20G6xhz7G3 iv 0.13nMk Q3d
 —▼— T cells + CODV-Fab hz20G6xhz7G3 iv 1.3nMk Q3d
 ...■... T cells + MGD006 DART iv 1.3nMk Qd

**FIG.8**

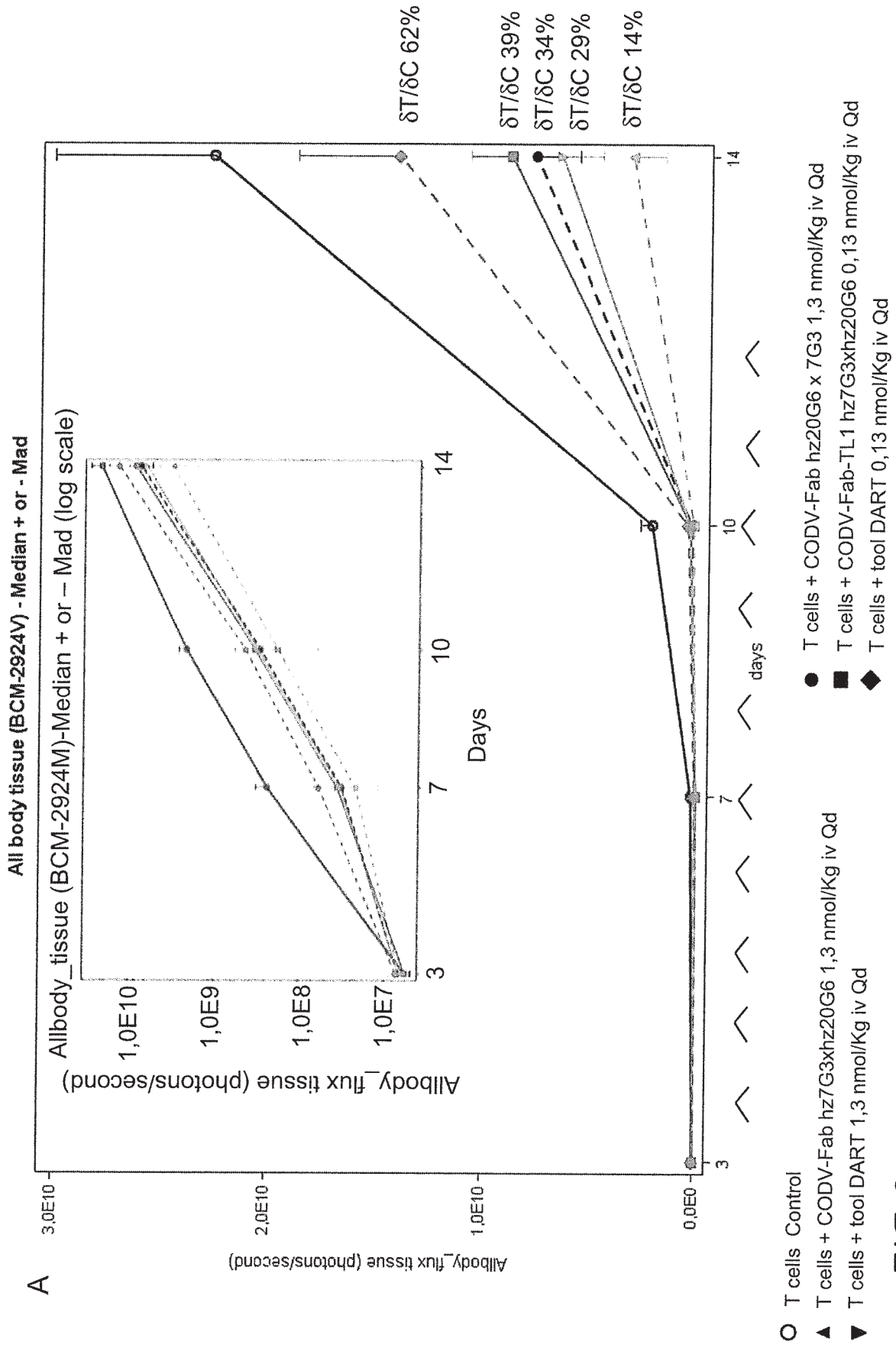


FIG. 9

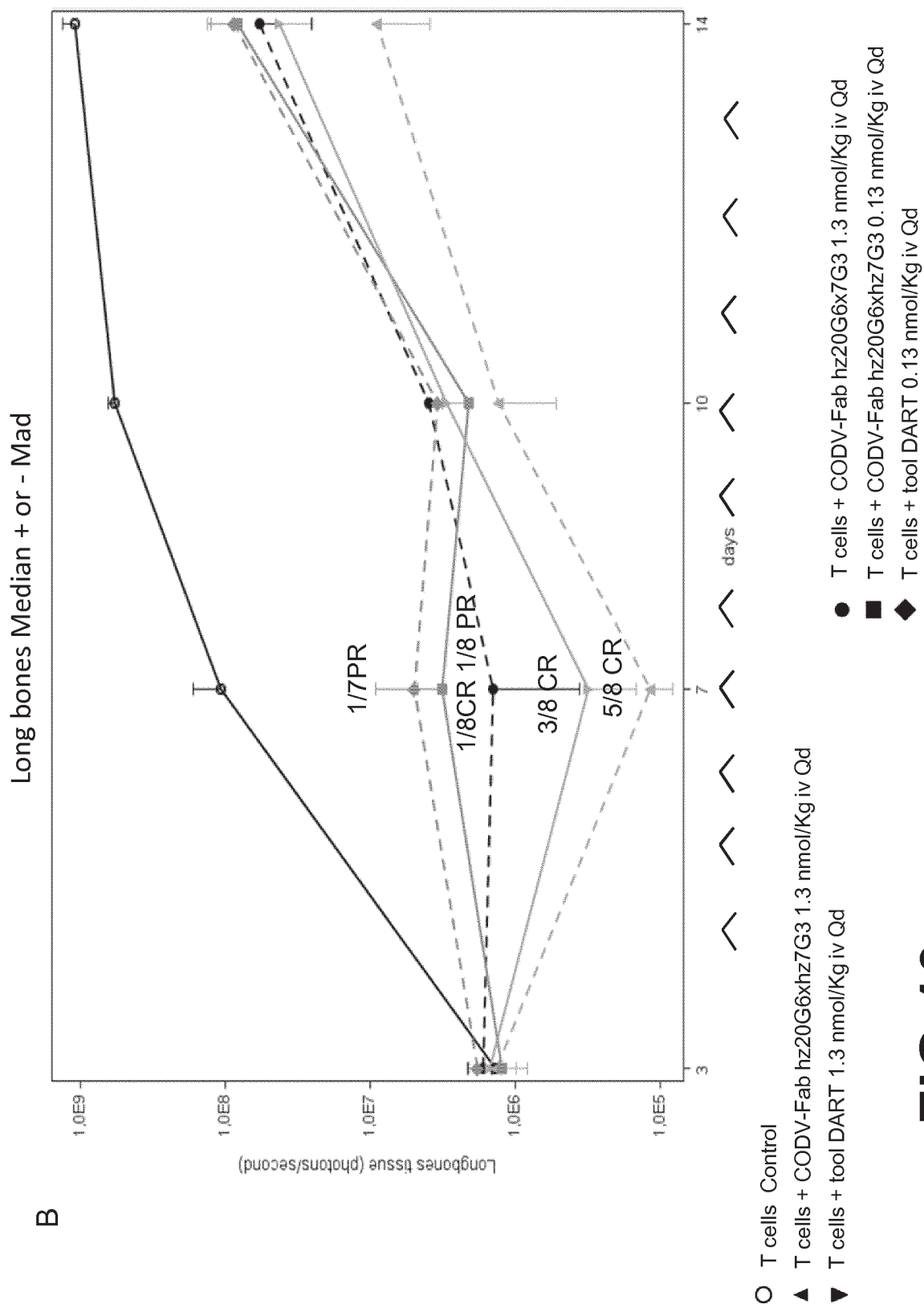
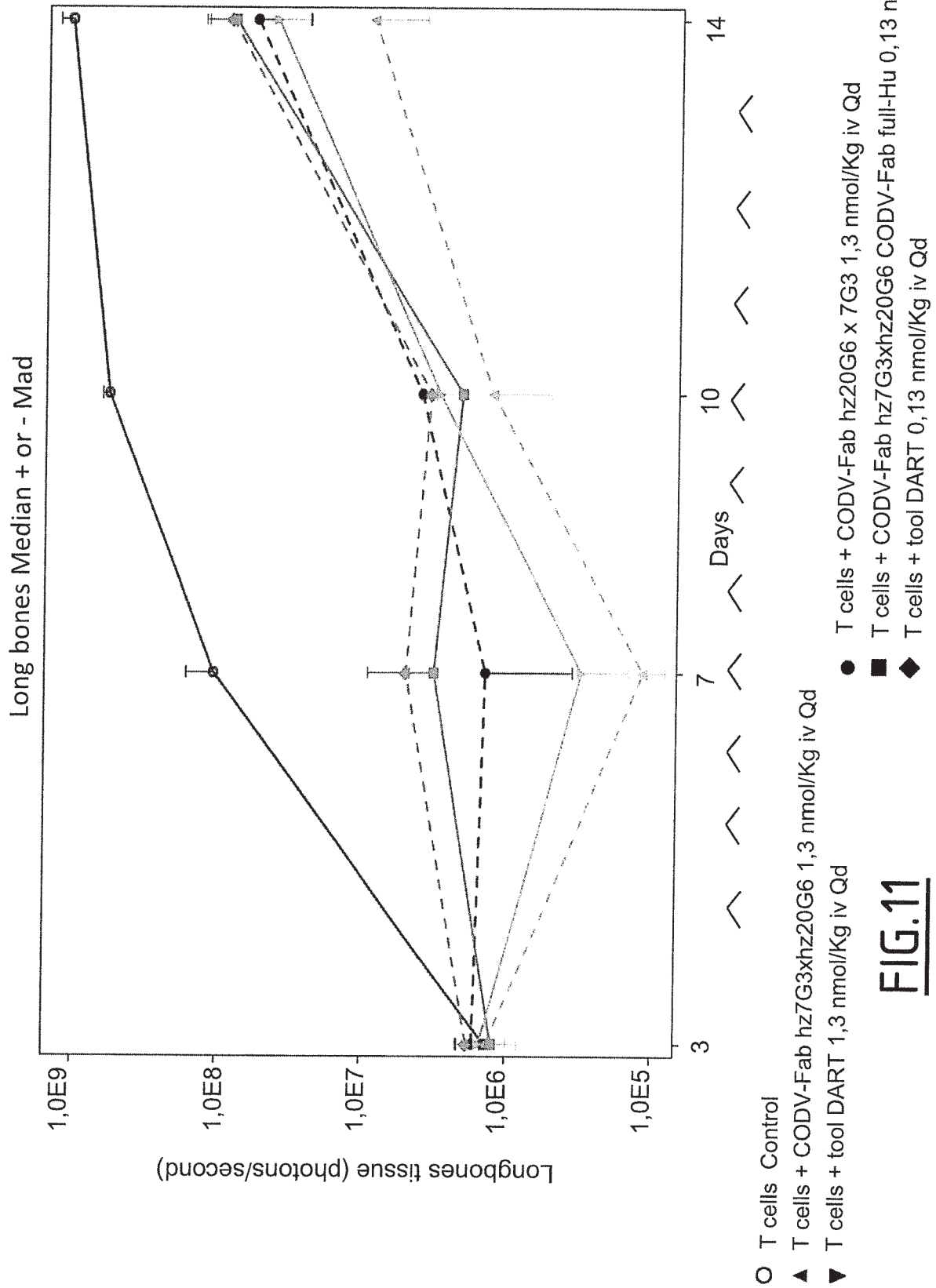


FIG.10



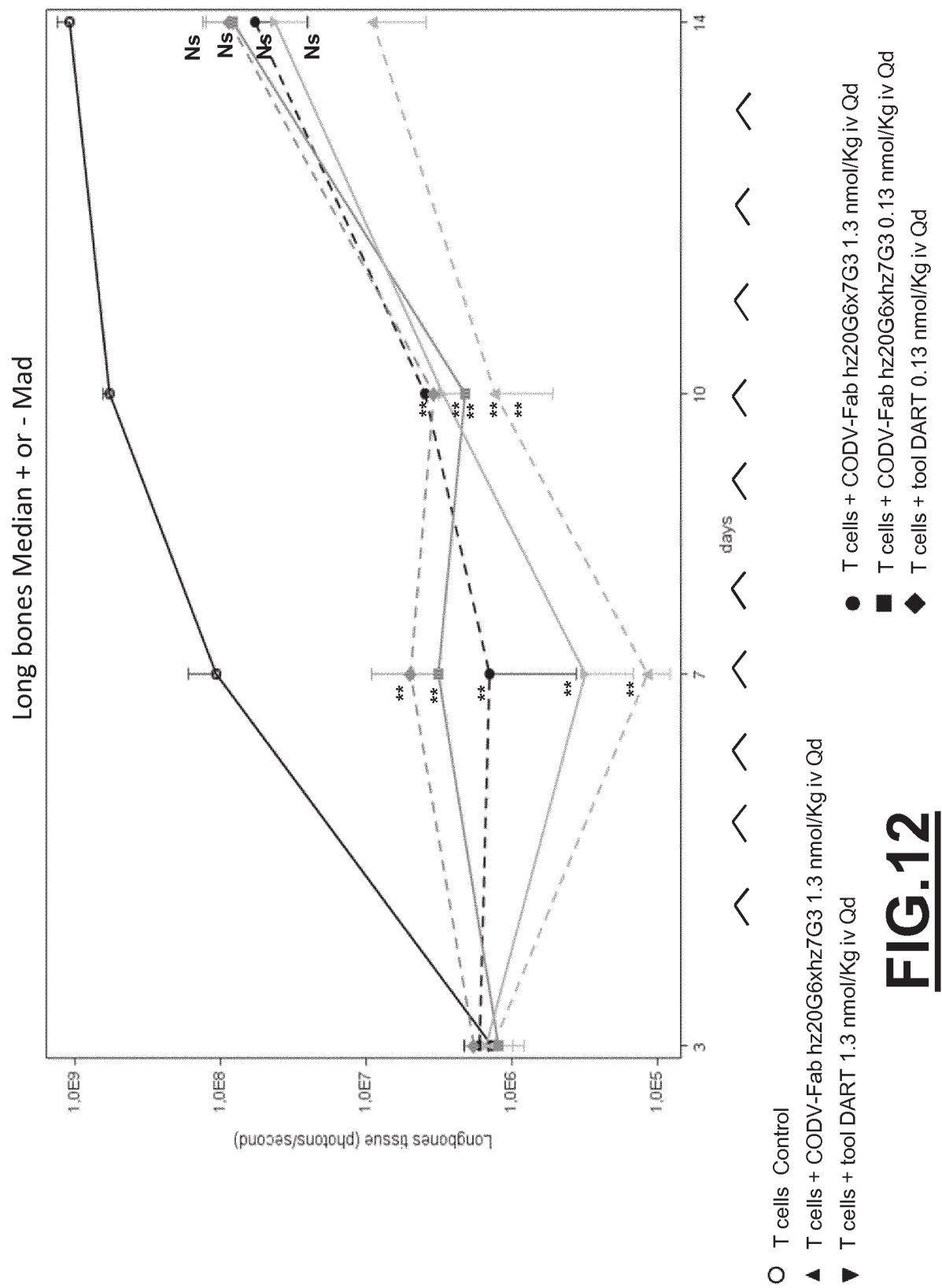


FIG.12

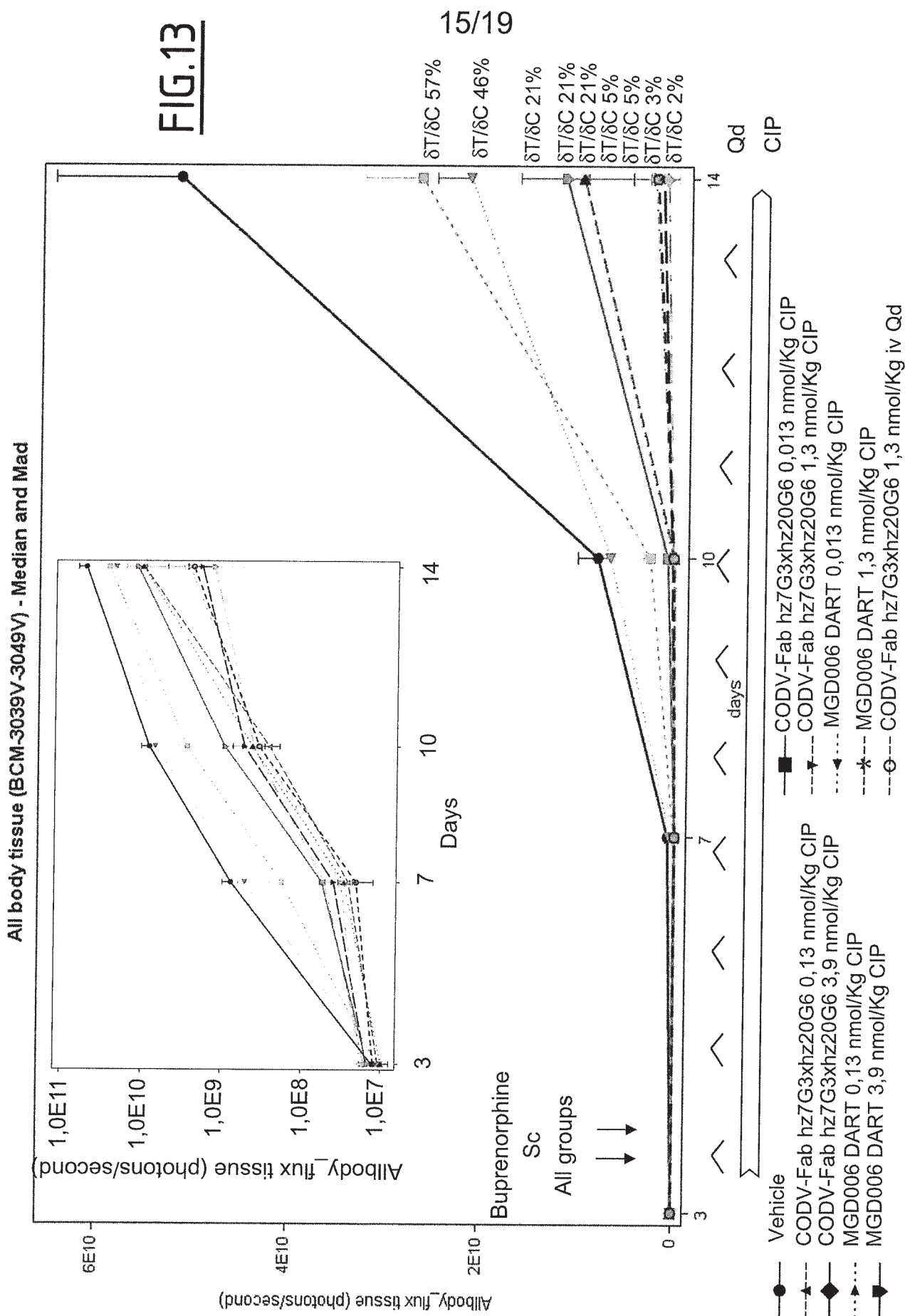


FIG.14

Long bones Median + or - Mad

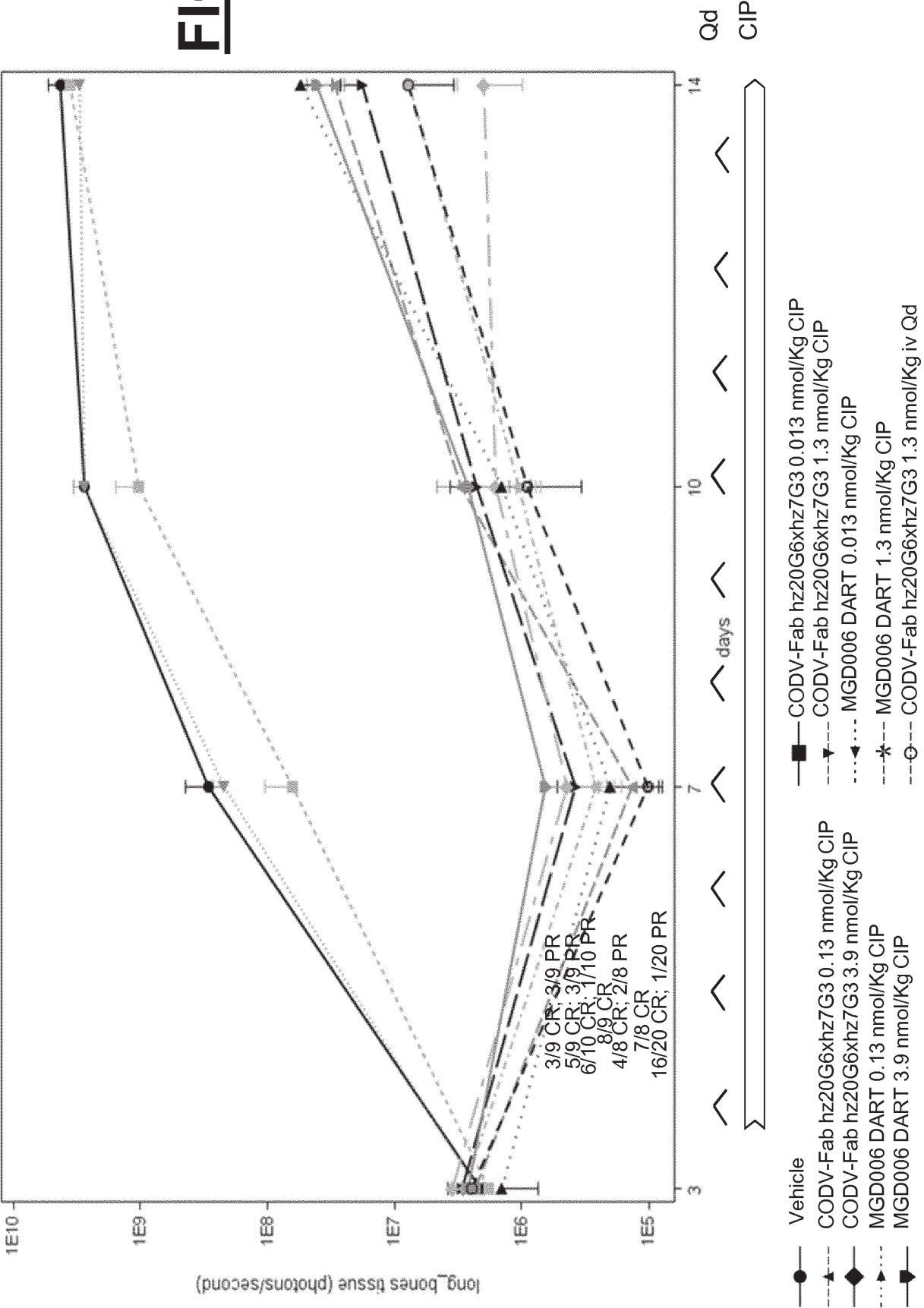


FIG.15

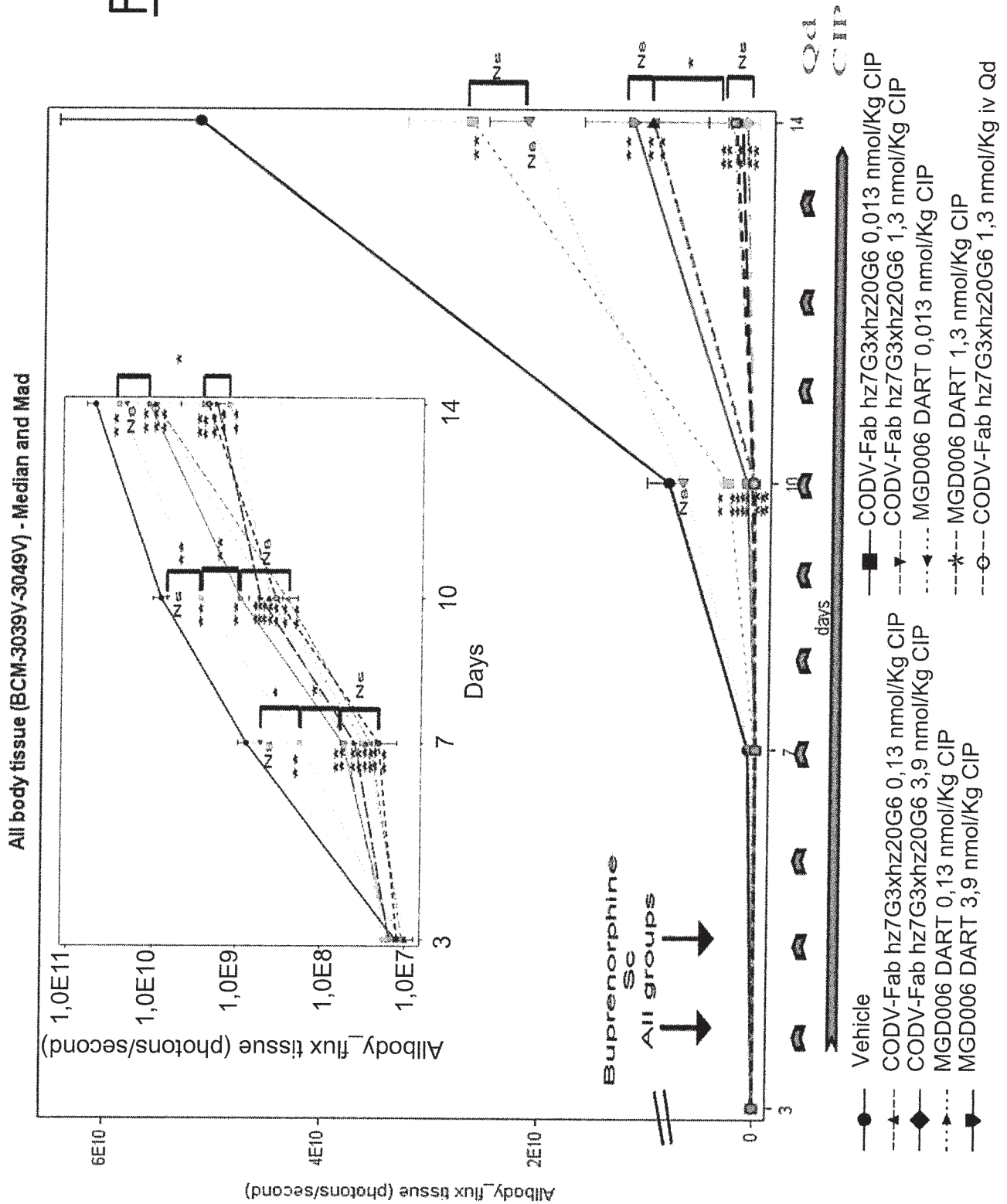


FIG.16