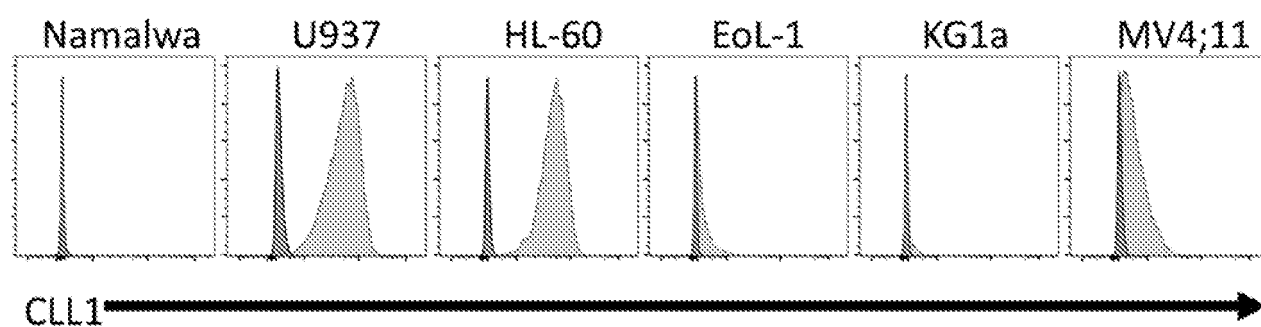


CLL1 expression in different cancer cell lines

**FIGURE 1**

CLL1 CAR expression determined by protein L 6h post mRNA electroporation

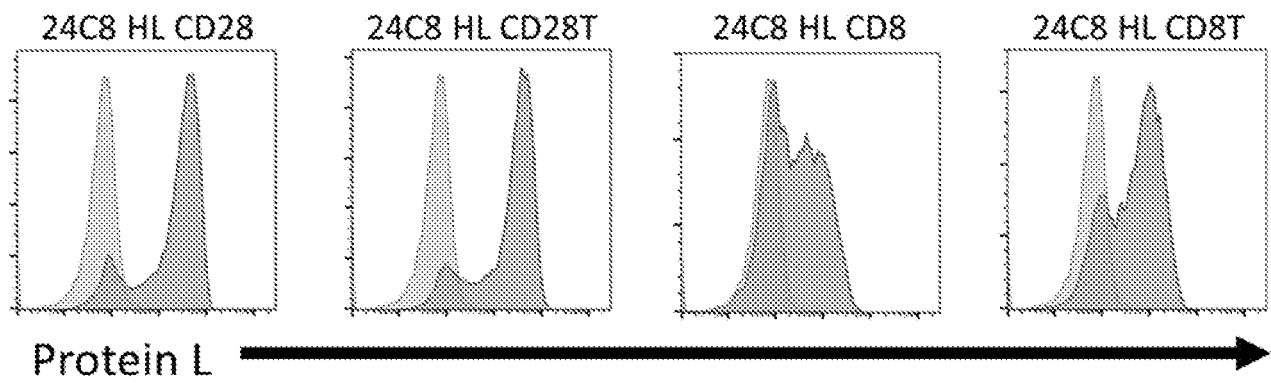


FIGURE 2

Cytokine release assay from different CLL1 CAR-T cell constructs 24h after mRNA electroporation

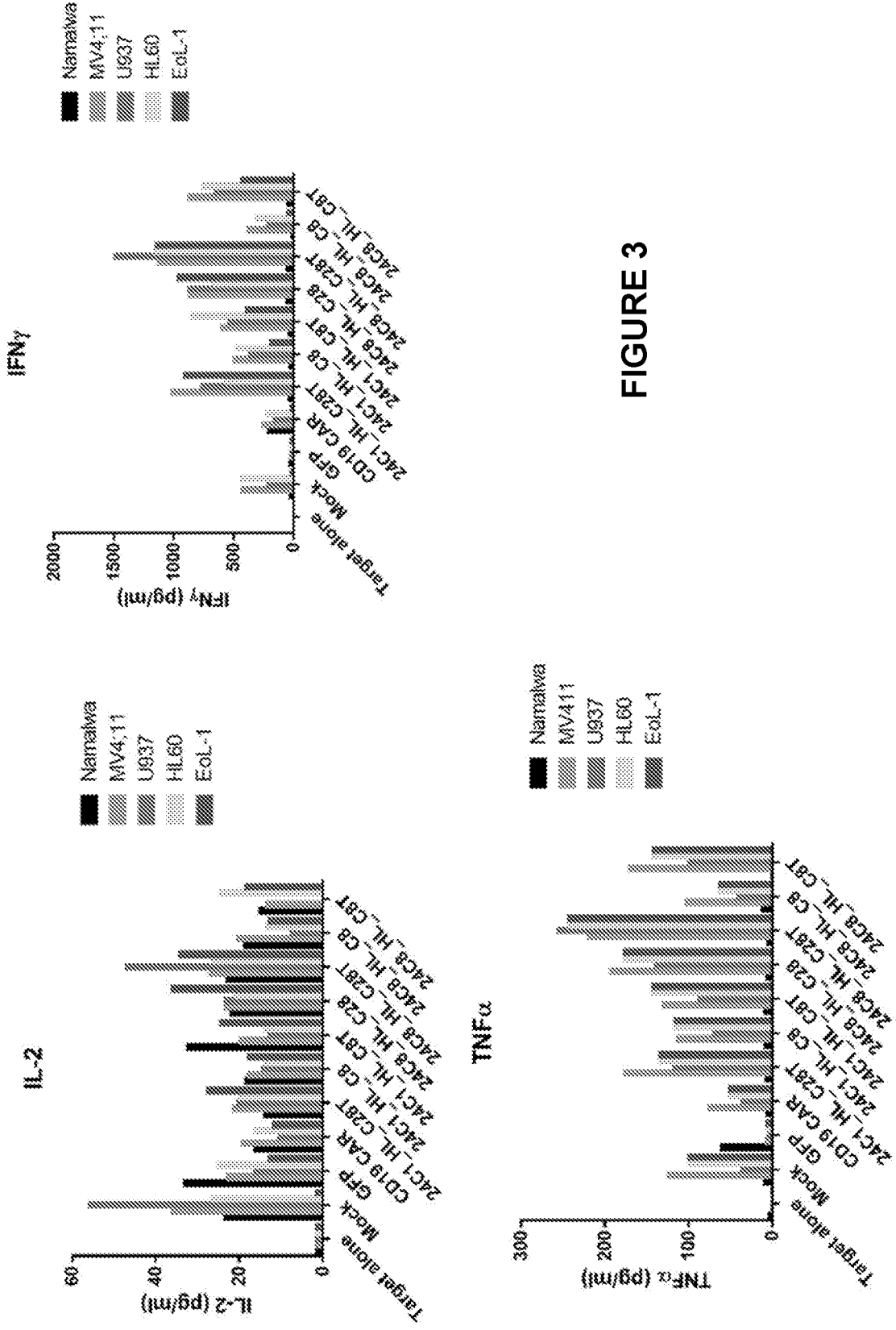


FIGURE 3

Cytolytic activity of different CLL1 CAR-T cell constructs 24h after mRNA electroporation

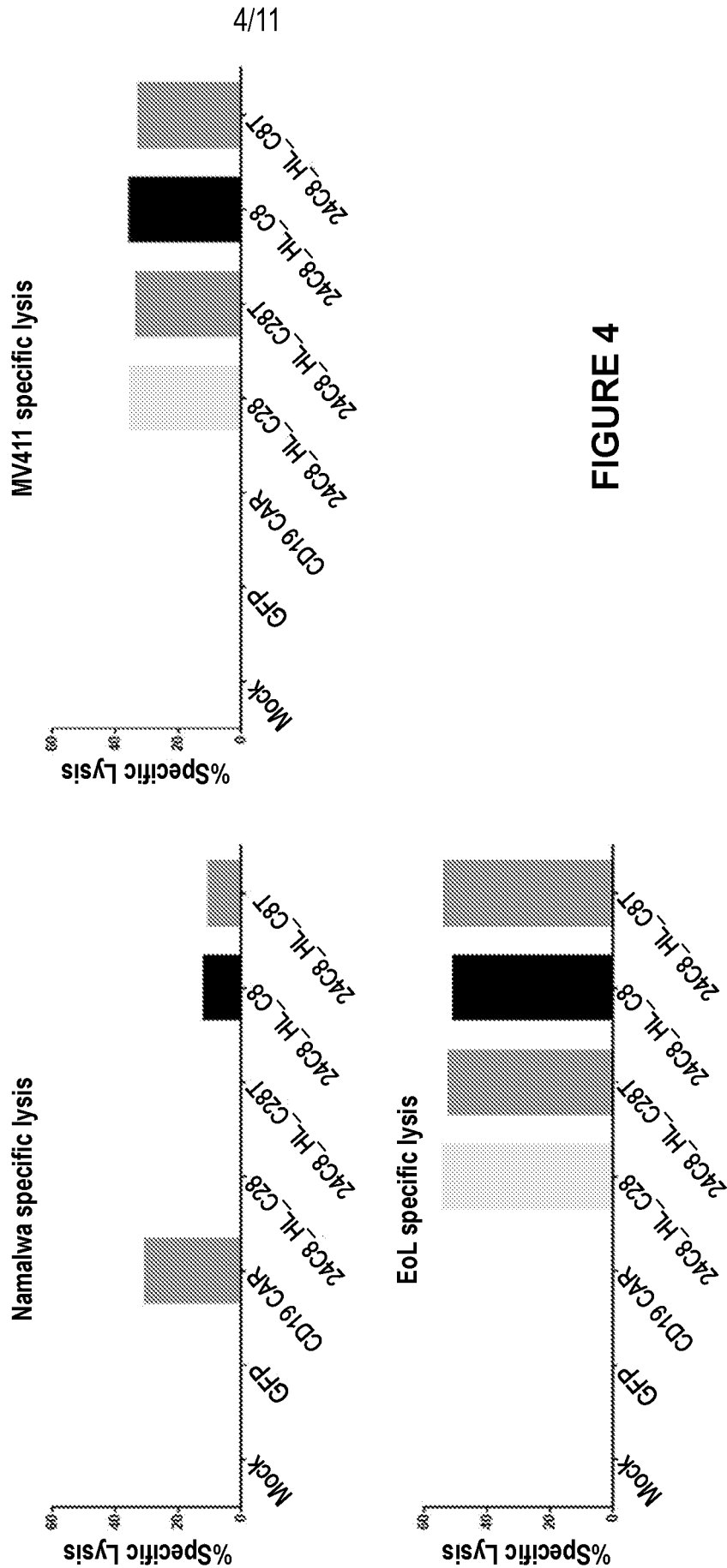


FIGURE 4

Cytolytic activity of different CLL1 CAR-T cell constructs 24h after mRNA electroporation

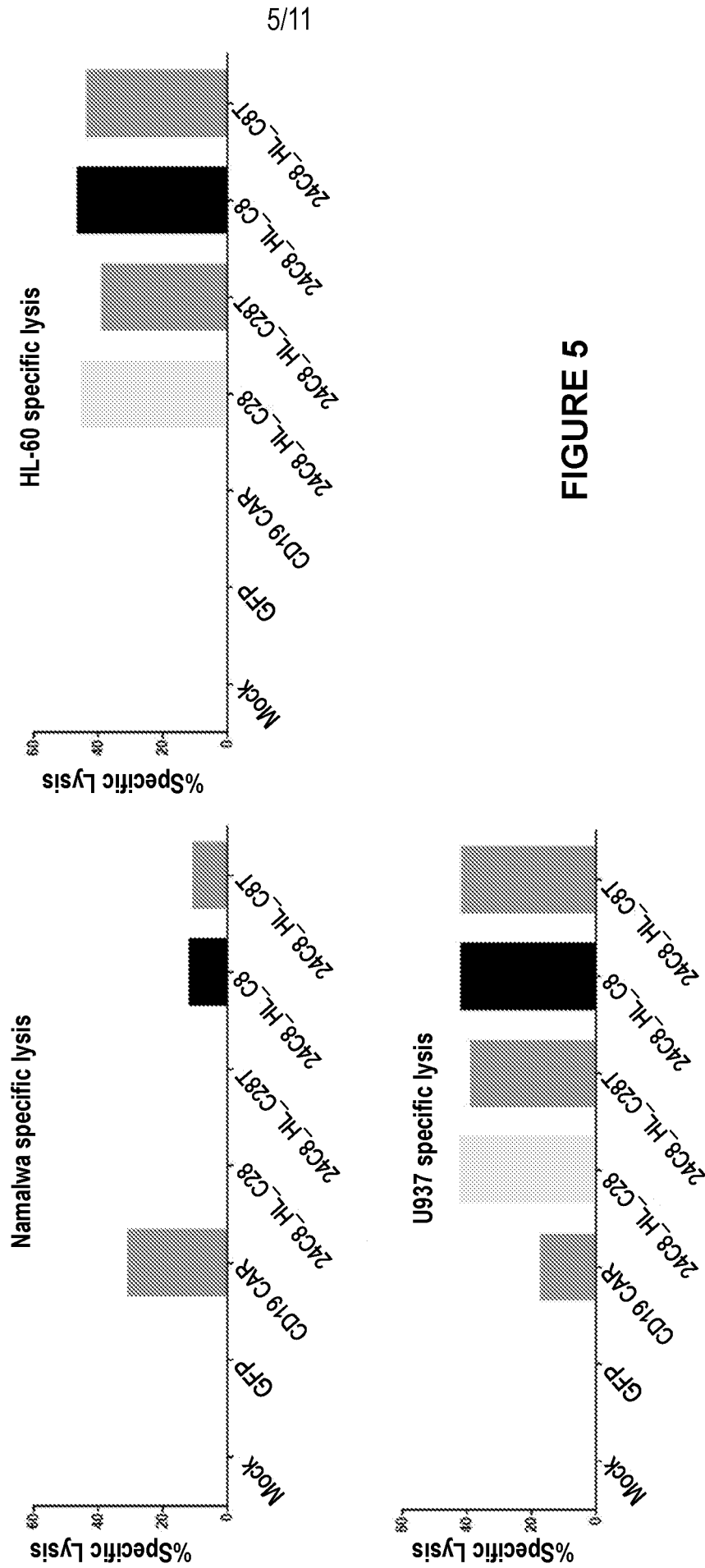


FIGURE 5

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CLL1 expression determined by protein L at day 12 after transduction

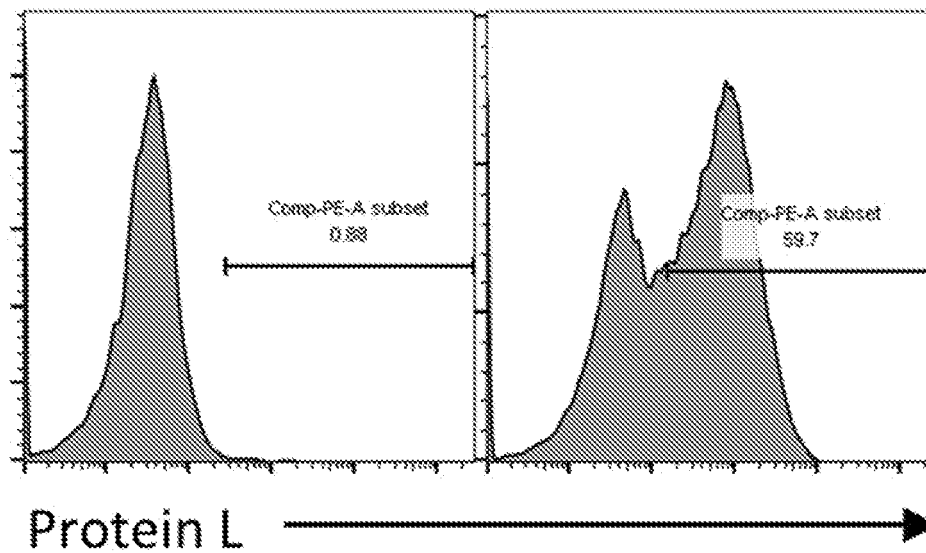


FIGURE 6

Cytokine release assay from CLL1 CAR-T cells 16h after coculture with different target cell lines

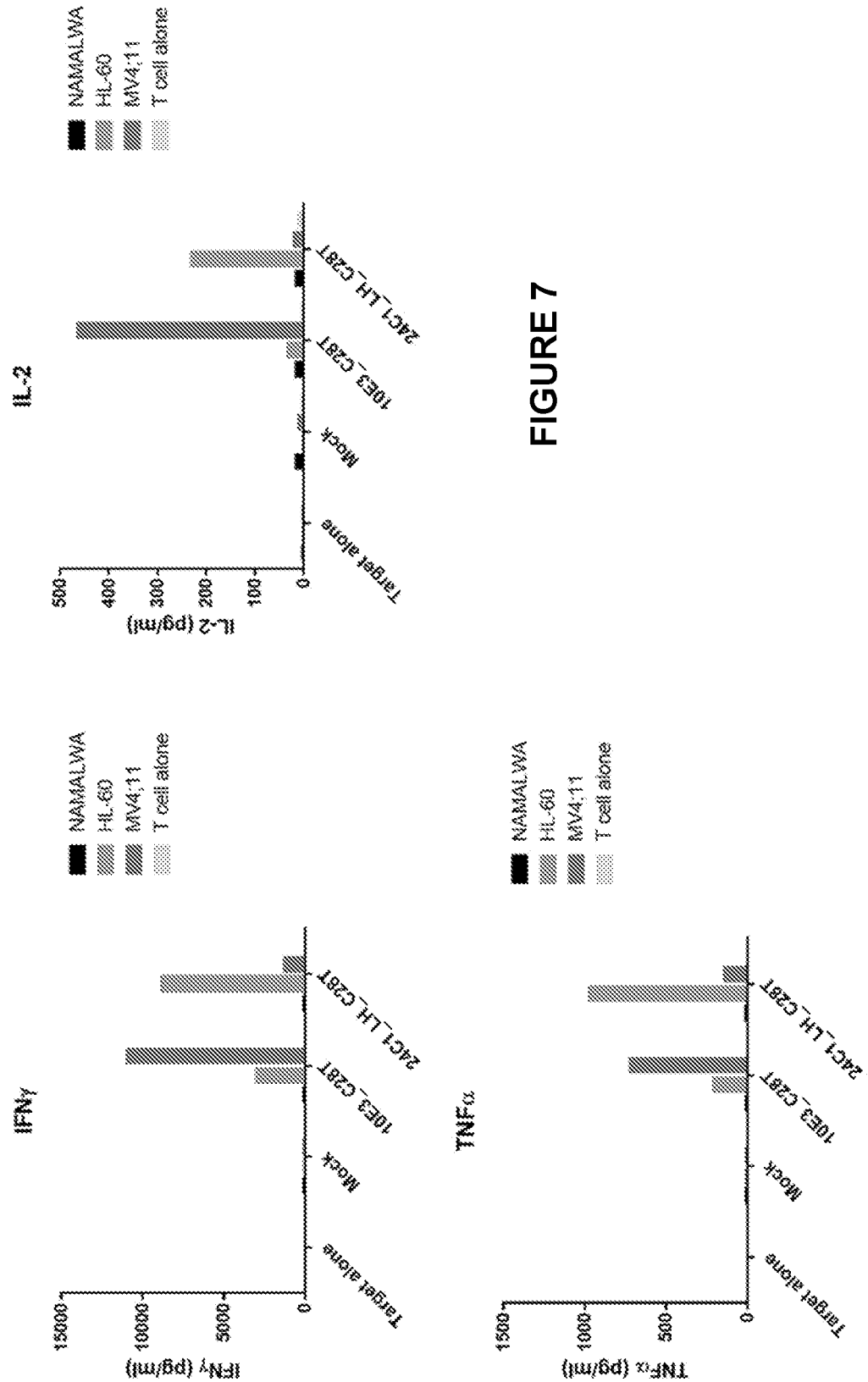


FIGURE 7

Cytolytic activity from CLL1 CAR-T cells 16h and 40h after coculture with different target cell lines

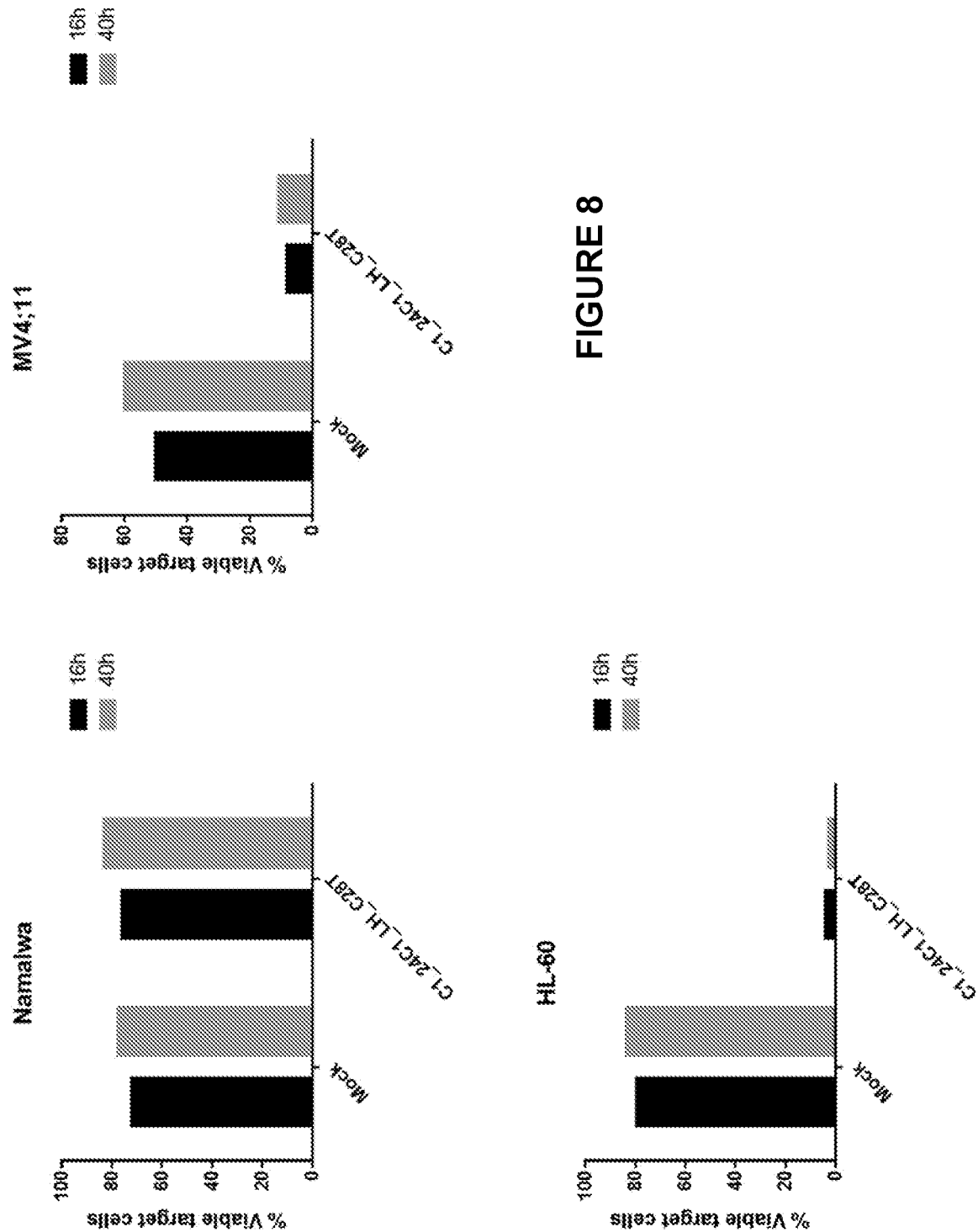


FIGURE 8

FIGURE 9A– Anti-CLL-1 Binding Molecules

	FR1	CDR1	FR2	CDR2
24C1_VH	QVQLQESGPGLVKPSSETLSLTCTVS	GGSISS---	YVMSWIRQPECKGLENI	GYTIYISGS--T
24C8_VH	QVQLQESGPGLVKPSQTLSTCTVS	GGSISSGGH	YVMSWIRQHFCKGLENI	GYTIHISGS--D
20C5.1_VH	QVQLVQSGAEVKKPKASVYVSKVSGYTLT	--ELSMHWVRQAPCKGLEMGCH	DFEDGET	
20C5.2_VH	QVQLVESGGGVQPGKSLRLSCAASGETESS	---	YCAHWVRQAPCKGLEWVAVIS	YDSSIK
	****;*:*;*:*:*:*:*:*:*:*:*:*:*:*;	***	*****;	***
		FR3	CDR3	FR4
24C1_VH	NYNESLKSRVTISVDTSNKQPSLKLS	SVTAADTAVYYCVSLVYCGGDCYSCFD	MGQGTLL	
24C8_VH	HYNPESLKSRVTISIDTSKNLPSLR	LSVTAADTAVYYCASLVYCGGDCYSCFD	MGQGTLL	
20C5.1_VH	IYAQKFQGRVTVTEDTSTDTAYMEL	SSLRSEDTAVYYCATESRGIG--	WEYFDYMGQGTLL	
20C5.2_VH	YYVDSVKGRFTISRDN	SKNPLYLQMN	SLRAEDTAVYYCAREYISG-----	RDYMGQGTLL
	.:.:.,*:*:*:*:*:*:*:*:*:*:*;	***	*****;	*****
	FR4			
24C1_VH	VTVSS			
24C8_VH	VTVSS			
20C5.1_VH	VTVSS			
20C5.2_VH	VTVSS			

FIGURE 9B

	SEQ ID NO:			
	VH	CDR1	CDR2	CDR3
24C1_VH	16	17	18	19
24C8_VH	50	51	52	53
20C5.1_VH	72	73	74	75
20C5.2_VH	94	95	96	97

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FIGURE 10

