

表 1. WNV および JEV 感染マウス脳分離 T 細胞を WNV および JEV 感染細胞と共培養した後の IFN- γ 産生量

PEC isolated from	Virus infection	IFN- γ production (pg/mL)	
		T-cells isolated from WNV-infected C3H/HeN mice brain	T-cells isolated from JEV-infected C3H/HeN mice brain
C3H/HeNjcl (H-2 ^k)	WNV	1446.6 \pm 55.5**	20.3 \pm 8.5
	JEV	18.7 \pm 3.1	1038.2 \pm 53.4**
	none	18.3 \pm 4.5	17.5 \pm 6.5
C57BL/6Jjcl (H-2 ^b)	WNV	24.1 \pm 7.2	22.1 \pm 4.4
	JEV	26.3 \pm 8.6	24.7 \pm 3.9
	none	25.0 \pm 6.5	20.1 \pm 4.2
BALB/cAjcl (H-2 ^d)	WNV	15.7 \pm 2.5	21.1 \pm 7.1
	JEV	18.9 \pm 3.6	23.7 \pm 5.8
	none	23.3 \pm 7.5	24.7 \pm 2.2

*対応するウイルスおよび MHC の共培養下において、有意な IFN- γ の産生が認められた。

PEC : 腹腔細胞

表 2. WNV 感染マウス脳分離 T 細胞における WNV 感染細胞との共培養前後におけるクローナリティーの変化

Clonal frequency	V	N	J	J gene	Frequency
VA1-1 (pre-stimulation)					
12/55	CAVS	IG	NSGTYQRFG	AJ13 #	2/5
10/55	CAVS	LA	NSGTYQRFG	AJ13 \$	1/5
8/55	CAVS	MG	NSGTYQRFG	AJ13 §	3/5
7/55	CAVS	KG	NSGTYQRFG	AJ13 †	2/5
6/55	CAV	RPT	ASLGKLQFG	AJ24 ‡	1/5
4/55	CAVS	PG	NSGTYQRFG	AJ13	2/5
4/55	CAVS		TNAYKVIFG	AJ30	0/5
2/55	CAVS	RG	NSGTYQRFG	AJ13	1/5
1/55	CAVS	RG	QGGRALIFG	AJ15	1/5
1/55	CAVS	MG	GYQNFYFG	AJ49	2/5
VA1-1 (post-stimulation)					
37/52	CAVS	IG	NSGTYQRFG	AJ13 #	2/5
10/52	CAVS	MG	NSGTYQRFG	AJ13 §	3/5
3/52	CAVS	KG	NSGTYQRFG	AJ13 †	2/5
1/52	CAVS	LA	NSGTYQRFG	AJ13 \$	1/5
1/52	CAV	RPT	ASLGKLQFG	AJ24 ‡	1/5
VA2-1 (pre-stimulation)					
14/51	CAAS	EA	GNKYVFG	AJ40 #	4/5
11/51	CAAS	EG	GNKYVFG	AJ40 \$	2/5
7/51	CAAS	G	GSALGRLHFG	AJ18	1/5
6/51	CAA	RG	NNYAQGLTFG	AJ26 §	1/5
4/51	CAAS	VA	GNKYVFG	AJ40 †	1/5
3/51	CAAS	G	NNYAQGLTFG	AJ26	1/5
2/51	CAAS	NA	NAYKVIFG	AJ30	1/5
2/51	CAA	I	TGGNNKLTFG	AJ56	1/5
1/51	CA	PRG	NNYAQGLTFG	AJ26	1/5
1/51	CAAS	P	TNAYKVIFG	AJ30	1/5
VA2-1 (post-stimulation)					
35/54	CAAS	EG	GNKYVFG	AJ40 \$	2/5
16/54	CAAS	EA	GNKYVFG	AJ40 #	4/5
2/54	CAA	RG	NNYAQGLTFG	AJ26 §	1/5
1/54	CAAS	VA	GNKYVFG	AJ40 †	1/5

8 頭のマウス脳分離 T 細胞をプールして使用し、VA1-1 および VA2-1 の CDR3 アミノ酸配列を解析した。WNV 感染細胞と 3 日間共培養したものを post-stimulation とした。pre-および post-stimulation 間で認められた同一配列をシンボルで示した。右列の Frequency は、図-4 で認められたクローンとの同一性を比較したものである。

Ⅲ. 研究成果の刊行に関する一覧表

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書籍

著者氏名	論文タイトル名	書籍全体の編集者名	書籍名	出版社名	出版地	出版年	ページ
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