Blind approach

Spike height

Spike height Small		Medium	Large	No spikes
44		s S	Targe	ivo spikes 6
, 2, 4, 6, 7, 8, 9, 12, 13, 14, 16, 17, 19, 20, 21, 23, 34, 35, 41, 43, 44, 45, 47, 48, 49, 50, 51, 5		11, 30, 37, 39, 42	3, 15, 18, 46, 52, 54, 56	5, 7, 10, 26, 36, 38, 40
he interneuron reacting to T-cell spikes?				
Y 38	N 6	Y 5	Y 7	Y N 5 1
1, 2, 4, 6, 7, 8, 9, 12, 13, 14, 17, 19, 21, 22, 23, 24, 25, 27, 28, 29, 32, 33, 34, 35, 11, 43, 44, 45, 47, 48, 49, 51, 53, 55, 57, 58, 61, 62	16, 20*, 31, 50*, 59, 60	11, 37, 39, 42	3, 15, 18, 46, 52, 54, 56	10, 26, 36, 38, 40 5*
the T-cell showing a graded hyperpolarizing p	otential (voltage step) for hyperpo	larizing interneuron stimulations?		
Y N 27 11	Y N 1 5	Y N 4 1	Y 7	Y N Y 1 1
1, 2, 4, 6, 8, 9, 12, 13, 14, 21, 22, 23, 14, 25, 32, 33, 35, 14, 34, 44, 45, 47, 18, 49, 55, 61, 62	16 20, 31, 50, 59, 60	11, 37, 39, 42 30	3, 15, 18, 46, 52, 54, 56	10, 36, 38, 40 26 5
e interneuron showing graded potentials (v	oltage steps) for stimulations of th	e T-cell?	<u> </u>	
Y N N N 11	N N 5	N N 1	N 7	Y N 1 1 1
1, 4, 8, 12, 13, 14, 21, 22, 23, 27, 28, 29, 34, 35, 41, 51, 53, 42, 48, 49, 55, 61	20, 31, 50, 59, 60	11, 37, 39, 42	3, 15, 18, 46, 52, 54, 56	40 10, 36, 38 26 5
there a fast connection from T-cell to internet	N N	N N	Y	Y Y N N N
5 1 18 3 1 10 1, 4, 8, 8, 13, 14, 21, 22, 23, 12, 22, 23, 12, 24, 41, 44, 44, 44, 44, 45, 44, 44, 45, 44, 45, 46, 46, 56, 61	20, 31, 16 50, 59, 60		3, 15, 18, 46, 52, 54, 56	10 38 26 5
Packages 1 and 3 Package	ge 2 Packages 4 an	nd 6 Package 5		

					Pa	ickages 1 and 3		
				2, 11, 12, 16	, 17, 19, 20, 22, 23, 24,	, 26, 29, 31, 37, 39, 42, 44,	50, 51, 57, 58, 59, 60	
Spike height								
	Sma 18				Mediu 4	ım	Large 0	No spikes 1
2, 12, 16, 1	7, 19, 20, 22, 23, 24, 2		7, 58, 59, 60		11, 37, 39	9, 42	,	26
Is the interneuron	reacting to T cell spike	es?						20
	Y 12		N 6	1				Y 1
	3, 24, 29, 44, 51, 57, 58	16, 20*, 31,	, 50*, 59, 60	11, 37,	39, 42			26
Is the T cell showin	g a graded hyperpola	arizing potential (vo	oltage step) for hype	erpolarizing internet	iron stimulations?		-	
Y 6	N 6	Y 1	N 5	Y 4				N 1
2, 12, 22, 23, 24, 44	17, 19, 29, 51, 57, 58	16	20, 31, 50, 59, 60	11, 37, 39, 42				26
Is the interneuron	showing graded pote	ntials (voltage step	os) for stimulations o	of the T cell?			-	
Y N 1 5	N 6	N 1	N 5	N 4				N 1
2 12, 22, 23, 24, 44	17, 19, 29, 51, 57, 58	16	20, 31, 50, 59, 60	11, 37, 39, 42				26
Is there a fast conn	ection from T cell to	interneuron?					•	
N Y N 3 2 22, 22, 24, 44	Y N 1 5 17, 29, 51, 57, 58	N 1	20, 31, 50, 59, 60	11, 37, 39, 42				N 1 26
157 157 157 157 157		159	159 159	162 162				159
159			159 159	162 162				

159

159

		ckage 2 20		
	3, 4, 5, 6, 8, 10, 14, 15, 18, 25,	30, 32, 43, 45, 46, 52, 53, 54, 56, 61		
pike height				
Small 10	Medium 1	Large 7		No spikes 2
4, 6, 8, 14, 25, 32, 43, 45, 53, 61	30	3, 15, 18, 46, 52, 54, 56		5, 10
s the interneuron reacting to T cell spikes?				
Y 10 4, 6, 8, 14, 25, 32, 43, 45, 53, 61	Y 1 30	7 7 3, 15, 18, 46, 52, 54, 56	10	N 1 5*
s the T cell showing a graded hyperpolarizing potential (voltage step) for h		5, 25, 26, 16, 52, 51, 55		3
s the i cell showing a graded hyperpolarizing potential (voltage step) for n Y N 1 4, 6, 8, 14, 25, 32, 43, 45, 61 53	yperpolarizing interneuron stimulations? N 1 30	7 7 3, 15, 18, 46, 52, 54, 56	1 10	Y 1
s the interneuron showing graded potentials (voltage steps) for stimulatio	ns of the T cell?			
Y N 1 2 7 1 6, 32 4, 8, 14, 25, 43, 45, 61	N 1	N 7 3, 15, 18, 46, 52, 54, 56	10	5
x there a fast connection from T cell to interneuron? Y	N 1	Y 7 3, 15, 18, 46, 52, 54, 56	10	N 1
212 212 212 201- 203 212 212 212 212 212 201- 203	201- 203	212 218 212 218 218 218 218	212	201- 203

^{*}For 5 the T cell is not spiking

Package

	Packages		
	8 7, 21, 27, 28, 3		
ke height	, , , -, -	,,,	
Small	Medium	Large	No spikes
5	0	0	3
7, 21, 27, 28, 34			36, 38, 40
he interneuron reacting to T cell spikes?			
Y			Y
5			3
7, 21, 27, 28, 34			36, 38, 40
he T cell showing a graded hyperpolarizing potential (voltage	e step) for hyperpolarizing interr	euron stimula	tions?
Y N			Y
1 4			3
21 7, 27, 28, 34			36, 38, 40
he interneuron showing graded potentials (voltage steps) for	r stimulations of the T cell?		
N N			YN
1 4 7, 27, 28,			1 2
21 34			40 36, 38
here a fast connection from T cell to interneuron?			
Y			YN
4			1 1
7,			
21 28,			40 36 38
34			
60-			60- 60- 60-
61 61			61 61 61

Package

Package 5 11
1, 9, 13, 33, 35, 41, 47, 48, 49, 55, 62

Spike height

Small	Medium	Large	No spikes
11	0	0	0
1, 9, 13, 33, 35, 41, 47, 48, 49, 55, 62			

Is the interneuron reacting to T cell spikes?

Υ
11
1, 9, 13, 33, 35, 41, 47, 48, 49, 55, 62

Is the T cell showing a graded hyperpolarizing potential (voltage step) for hyperpolarizing interneuron stimulations?

Υ]	
11		
1, 9, 13, 33, 35, 41,		
1, 9, 13, 33, 35, 41, 47, 48, 49, 55, 62		

Is the interneuron showing graded potentials (voltage steps) for stimulations of the T cell?

	Υ	N
	3	8
		1, 13, 35,
	22 62	
9,	33, 62	41, 47, 48, 49,
		55

Is there a fast reaction of the interneuron to a T cell spike?

Υ	Υ
3	8
	1,
	13,
9,	35,
33,	41,
62	47,
62	48,
	49,
	55