

Figure 1

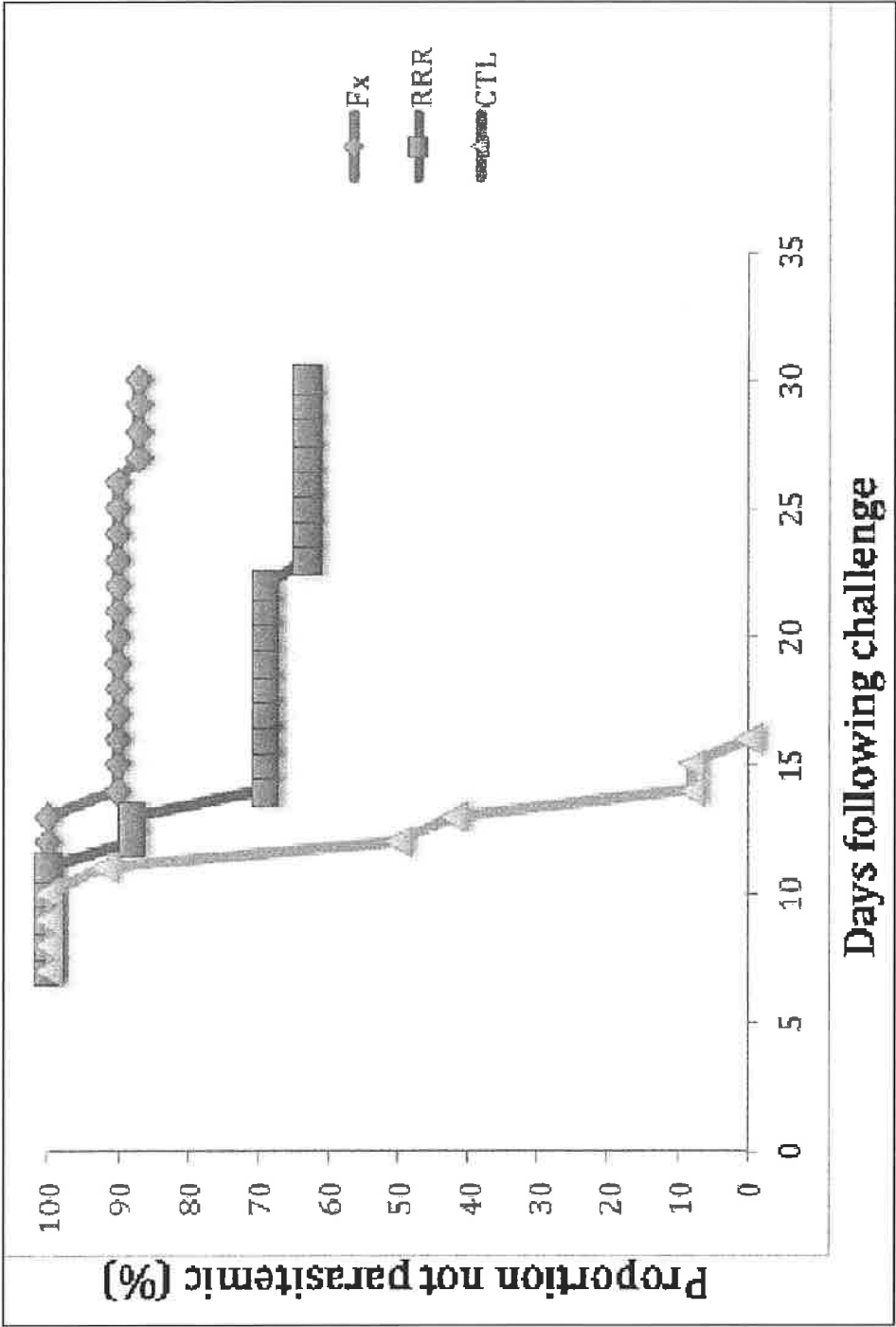


Figure 2a

Met	Met	Ala	Pro	Asp	Pro	Asn	Ala	Asn	Pro	Asn	Ala	Asn	Pro	Asn	Ala				
1				5					10					15					
Asn	Pro	Asn	Ala	Asn	Pro	Asn	Ala	Asn	Pro	Asn	Ala	Asn	Pro	Asn	Ala				
			20					25						30					
Asn	Pro	Asn	Ala	Asn	Pro	Asn	Ala	Asn	Pro	Asn	Ala	Asn	Pro	Asn	Ala				
			35					40						45					
Asn	Pro	Asn	Ala	Asn	Pro	Asn	Ala	Asn	Pro	Asn	Ala	Asn	Pro	Asn	Ala				
			50					55						60					
Asn	Pro	Asn	Ala	Asn	Pro	Asn	Ala	Asn	Pro	Asn	Ala	Asn	Pro	Asn	Lys				
65						70				75					80				
Asn	Asn	Gln	Gly	Asn	Gly	Gln	Gly	His	Asn	Met	Pro	Asn	Asp	Pro	Asn				
				85					90						95				
Arg	Asn	Val	Asp	Glu	Asn	Ala	Asn	Ala	Asn	Ser	Ala	Val	Lys	Asn	Asn				
			100						105						110				
Asn	Asn	Glu	Glu	Pro	Ser	Asp	Lys	His	Ile	Lys	Glu	Tyr	Leu	Asn	Lys				
			115						120					125					
Ile	Gln	Asn	Ser	Leu	Ser	Thr	Glu	Trp	Ser	Pro	Cys	Ser	Val	Thr	Cys				
			130						135					140					
Gly	Asn	Gly	Ile	Gln	Val	Arg	Ile	Lys	Pro	Gly	Ser	Ala	Asn	Lys	Pro				
145						150						155			160				
Lys	Asp	Glu	Leu	Asp	Tyr	Ala	Asn	Asp	Ile	Glu	Lys	Lys	Ile	Cys	Lys				
				165					170						175				
Met	Glu	Lys	Cys	Ser	Ser	Val	Phe	Asn	Val	Val	Asn	Ser	Ser	Ile	Gly				
				180					185						190				
Leu	Gly	Pro	Val	Thr	Asn	Met	Glu	Asn	Ile	Thr	Ser	Gly	Phe	Leu	Gly				

Figure 2b

195	200	205
Pro Leu Leu Val Leu Gln Ala Gly Phe Phe Leu Leu Thr Arg Ile Leu		
210	215	220
Thr Ile Pro Gln Ser Leu Asp Ser Trp Trp Thr Ser Leu Asn Phe Leu		
225	230	235 240
Gly Gly Ser Pro Val Cys Leu Gly Gln Asn Ser Gln Ser Pro Thr Ser		
245	250	255
Asn His Ser Pro Thr Ser Cys Pro Pro Ile Cys Pro Gly Tyr Arg Trp		
260	265	270
Met Cys Leu Arg Arg Phe Ile Ile Phe Leu Phe Ile Leu Leu Leu Cys		
275	280	285
Leu Ile Phe Leu Leu Val Leu Leu Asp Tyr Gln Gly Met Leu Pro Val		
290	295	300
Cys Pro Leu Ile Pro Gly Ser Thr Thr Thr Asn Thr Gly Pro Cys Lys		
305	310	315 320
Thr Cys Thr Thr Pro Ala Gln Gly Asn Ser Met Phe Pro Ser Cys Cys		
325	330	335
Cys Thr Lys Pro Thr Asp Gly Asn Cys Thr Cys Ile Pro Ile Pro Ser		
340	345	350
Ser Trp Ala Phe Ala Lys Tyr Leu Trp Glu Trp Ala Ser Val Arg Phe		
355	360	365
Ser Trp Leu Ser Leu Leu Val Pro Phe Val Gln Trp Phe Val Gly Leu		
370	375	380
Ser Pro Thr Val Trp Leu Ser Ala Ile Trp Met Met Trp Tyr Trp Gly		
385	390	395 400
Pro Ser Leu Tyr Ser Ile Val Ser Pro Phe Ile Pro Leu Leu Pro Ile		
405	410	415

Figure 2c

Phe Phe Cys Leu Trp Val Tyr Ile
420

Figure 3a

<213> VZV gE truncate

<400> 1

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Met Gly Thr Val Asn Lys Pro Val Val Gly Val Leu Met Gly Phe Gly
 1           5           10           15
Ile Ile Thr Gly Thr Leu Arg Ile Thr Asn Pro Val Arg Ala Ser Val
 20           25           30
Leu Arg Tyr Asp Asp Phe His Ile Asp Glu Asp Lys Leu Asp Thr Asn
 35           40           45
Ser Val Tyr Glu Pro Tyr Tyr His Ser Asp His Ala Glu Ser Ser Trp
 50           55           60
Val Asn Arg Gly Glu Ser Ser Arg Lys Ala Tyr Asp His Asn Ser Pro
 65           70           75           80
Tyr Ile Trp Pro Arg Asn Asp Tyr Asp Gly Phe Leu Glu Asn Ala His
 85           90           95
Glu His His Gly Val Tyr Asn Gln Gly Arg Gly Ile Asp Ser Gly Glu
 100          105          110
Arg Leu Met Gln Pro Thr Gln Met Ser Ala Gln Glu Asp Leu Gly Asp
 115          120          125
Asp Thr Gly Ile His Val Ile Pro Thr Leu Asn Gly Asp Asp Arg His
 130          135          140
Lys Ile Val Asn Val Asp Gln Arg Gln Tyr Gly Asp Val Phe Lys Gly
 145          150          155          160
Asp Leu Asn Pro Lys Pro Gln Gly Gln Arg Leu Ile Glu Val Ser Val
 165          170          175
Glu Glu Asn His Pro Phe Thr Leu Arg Ala Pro Ile Gln Arg Ile Tyr
 180          185          190
Gly Val Arg Tyr Thr Glu Thr Trp Ser Phe Leu Pro Ser Leu Thr Cys
 195          200          205
Thr Gly Asp Ala Ala Pro Ala Ile Gln His Ile Cys Leu Lys His Thr
 210          215          220
Thr Cys Phe Gln Asp Val Val Val Asp Val Asp Cys Ala Glu Asn Thr
 225          230          235          240
Lys Glu Asp Gln Leu Ala Glu Ile Ser Tyr Arg Phe Gln Gly Lys Lys
 245          250          255
Glu Ala Asp Gln Pro Trp Ile Val Val Asn Thr Ser Thr Leu Phe Asp
 260          265          270
Glu Leu Glu Leu Asp Pro Pro Glu Ile Glu Pro Gly Val Leu Lys Val
 275          280          285
Leu Arg Thr Glu Lys Gln Tyr Leu Gly Val Tyr Ile Trp Asn Met Arg
 290          295          300

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Figure 3b

Gly	Ser	Asp	Gly	Thr	Ser	Thr	Tyr	Ala	Thr	Phe	Leu	Val	Thr	Trp	Lys
305						310				315					320
Gly	Asp	Glu	Lys	Thr	Arg	Asn	Pro	Thr	Pro	Ala	Val	Thr	Pro	Gln	Pro
				325					330					335	
Arg	Gly	Ala	Glu	Phe	His	Met	Trp	Asn	Tyr	His	Ser	His	Val	Phe	Ser
		340						345					350		
Val	Gly	Asp	Thr	Phe	Ser	Leu	Ala	Met	His	Leu	Gln	Tyr	Lys	Ile	His
	355						360					365			
Glu	Ala	Pro	Phe	Asp	Leu	Leu	Leu	Glu	Trp	Leu	Tyr	Val	Pro	Ile	Asp
	370					375					380				
Pro	Thr	Cys	Gln	Pro	Met	Arg	Leu	Tyr	Ser	Thr	Cys	Leu	Tyr	His	Pro
385					390					395					400
Asn	Ala	Pro	Gln	Cys	Leu	Ser	His	Met	Asn	Ser	Gly	Cys	Thr	Phe	Thr
			405						410					415	
Ser	Pro	His	Leu	Ala	Gln	Arg	Val	Ala	Ser	Thr	Val	Tyr	Gln	Asn	Cys
		420						425					430		
Glu	His	Ala	Asp	Asn	Tyr	Thr	Ala	Tyr	Cys	Leu	Gly	Ile	Ser	His	Met
	435						440					445			
Glu	Pro	Ser	Phe	Gly	Leu	Ile	Leu	His	Asp	Gly	Gly	Thr	Thr	Leu	Lys
	450					455					460				
Phe	Val	Asp	Thr	Pro	Glu	Ser	Leu	Ser	Gly	Leu	Tyr	Val	Phe	Val	Val
465					470					475					480
Tyr	Phe	Asn	Gly	His	Val	Glu	Ala	Val	Ala	Tyr	Thr	Val	Val	Ser	Thr
			485						490					495	
Val	Asp	His	Phe	Val	Asn	Ala	Ile	Glu	Glu	Arg	Gly	Phe	Pro	Pro	Thr
		500						505					510		
Ala	Gly	Gln	Pro	Pro	Ala	Thr	Thr	Lys	Pro	Lys	Glu	Ile	Thr	Pro	Val
	515						520					525			
Asn	Pro	Gly	Thr	Ser	Pro	Leu	Ile	Arg	Tyr	Ala	Ala	Trp	Thr	Gly	Gly
	530					535					540				
Leu	Ala														
545															

Figure 4a

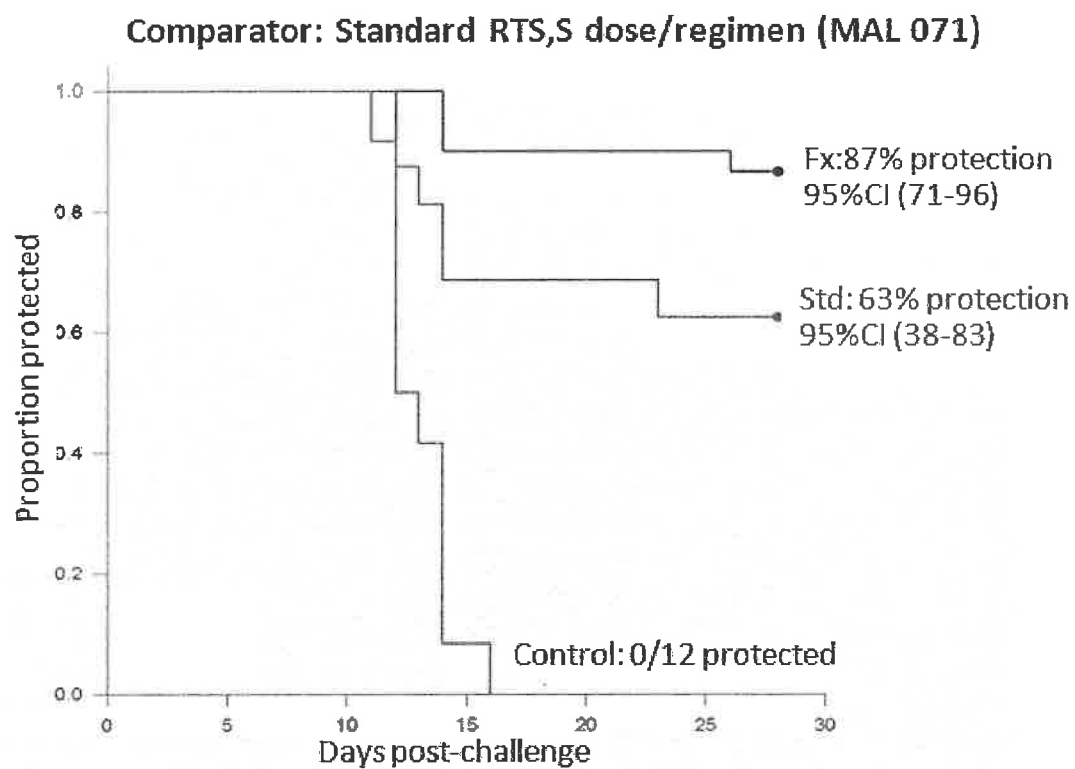


Figure 4b

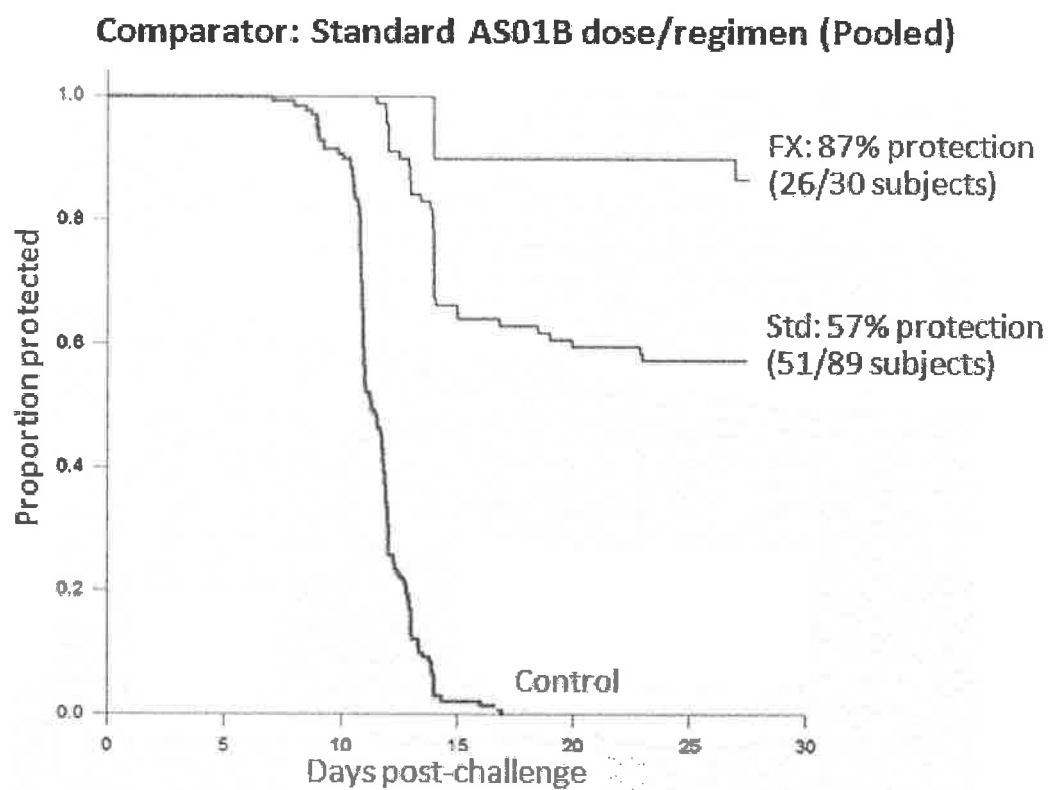


Figure 5a

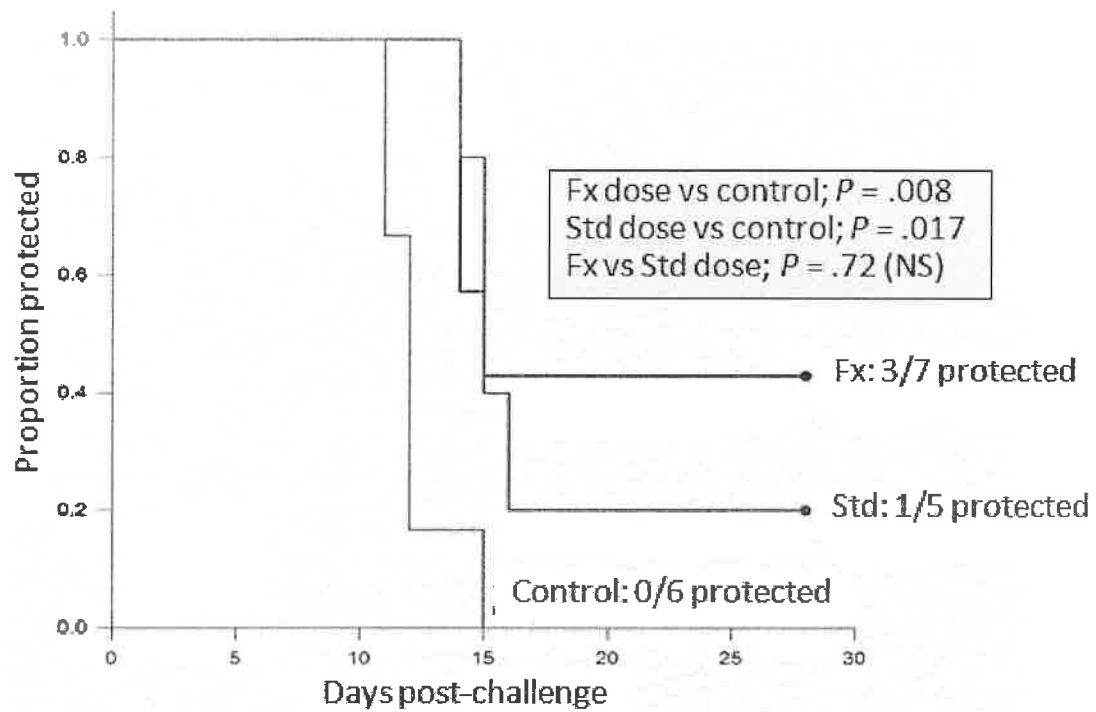
Subjects not given a booster dose at month 12

Figure 5b

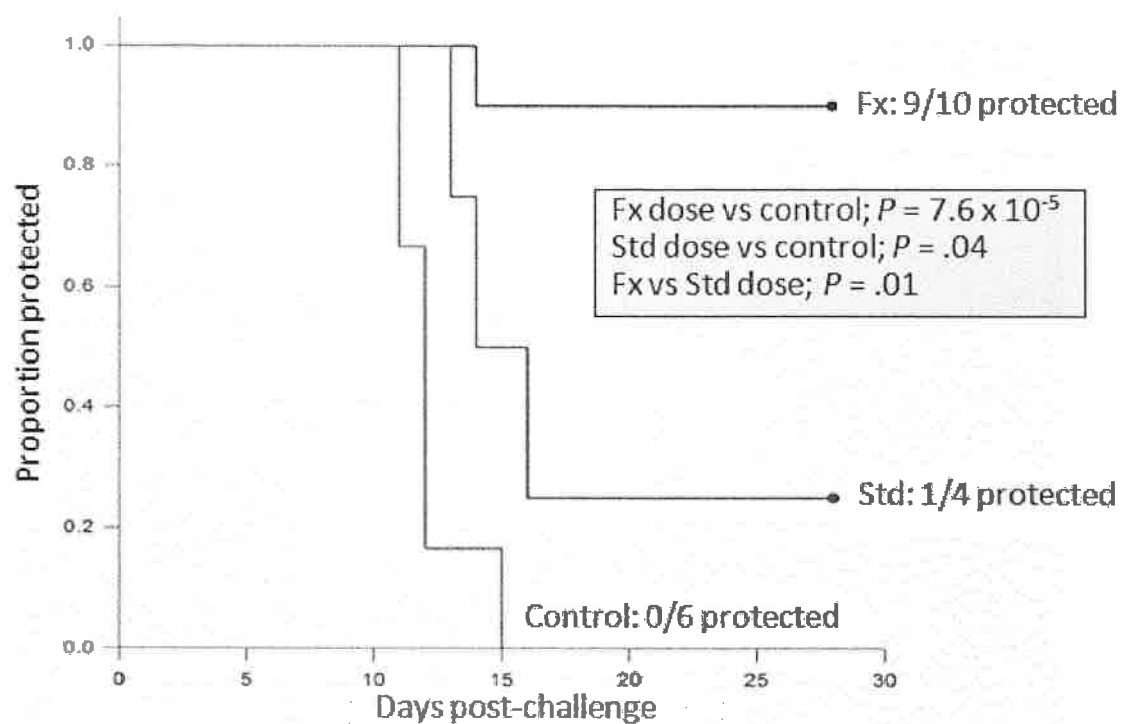
Subjects boosted with RTS,S (1/5th dose) at month 12

Figure 6

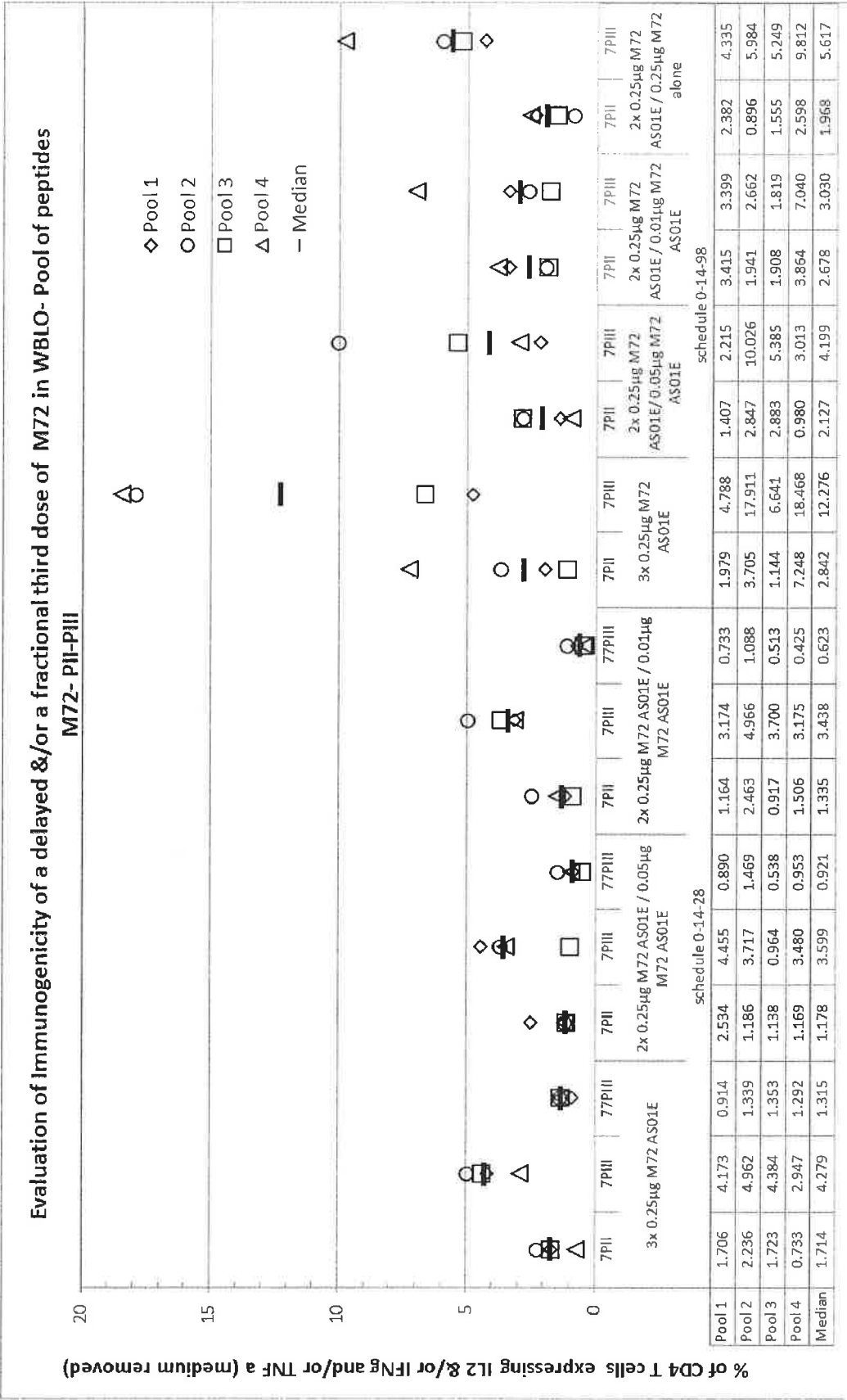


Figure 7

