

Figures

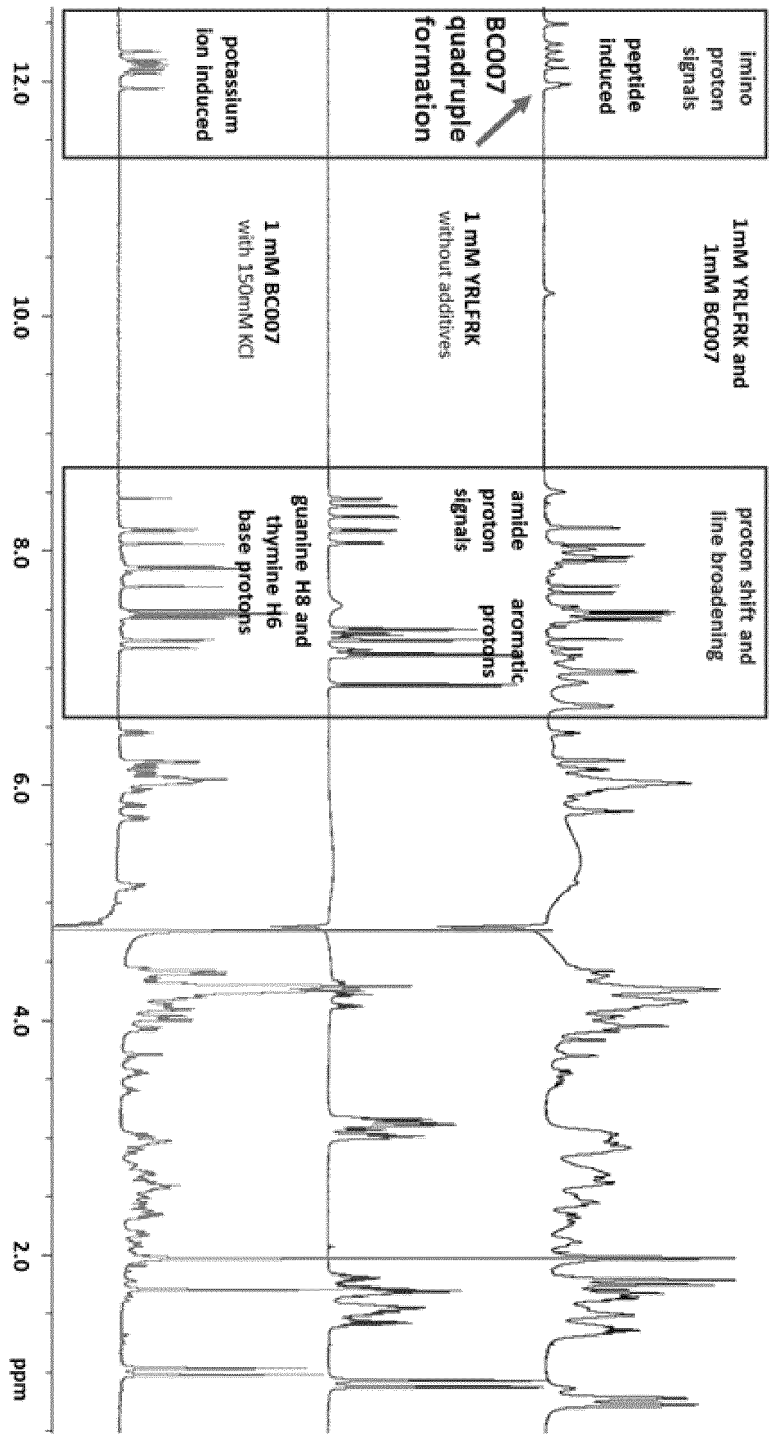


Figure 1

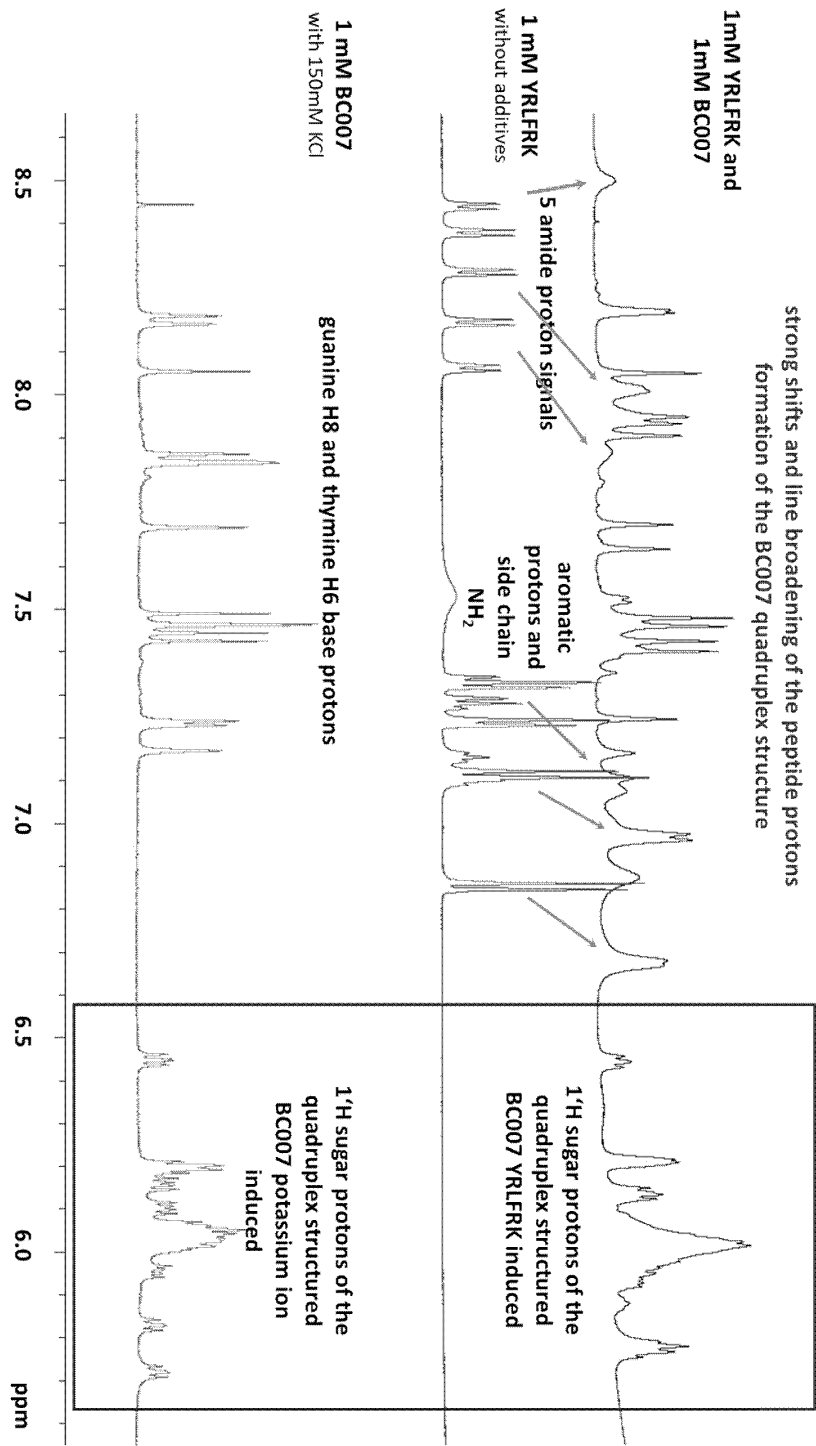


Figure 2

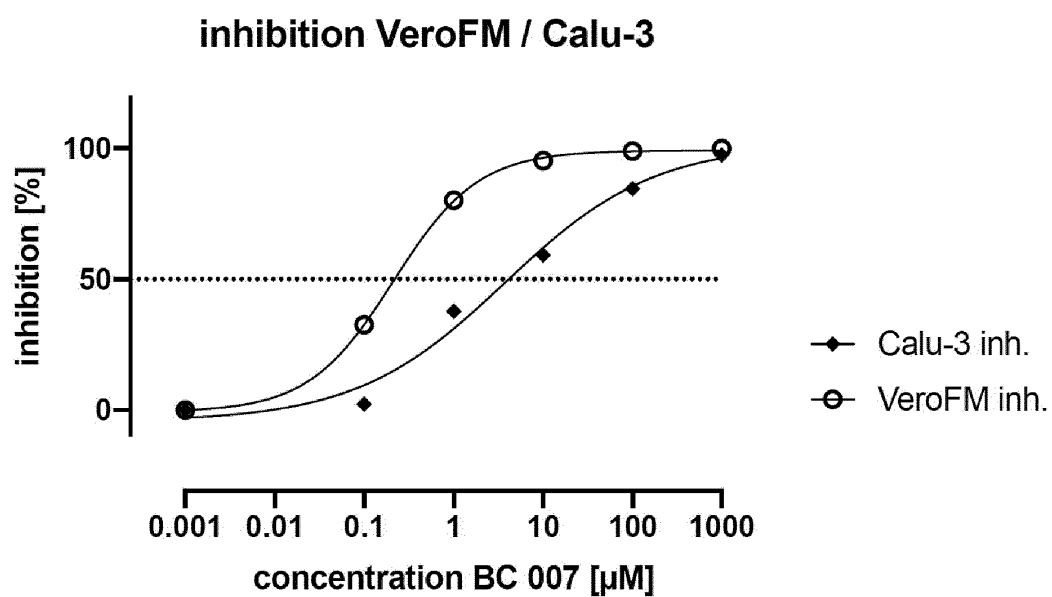
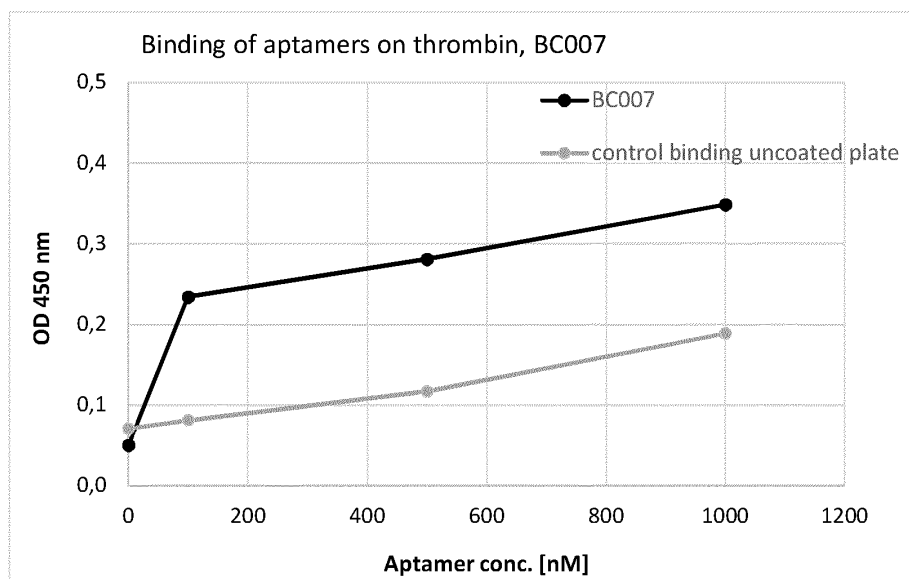
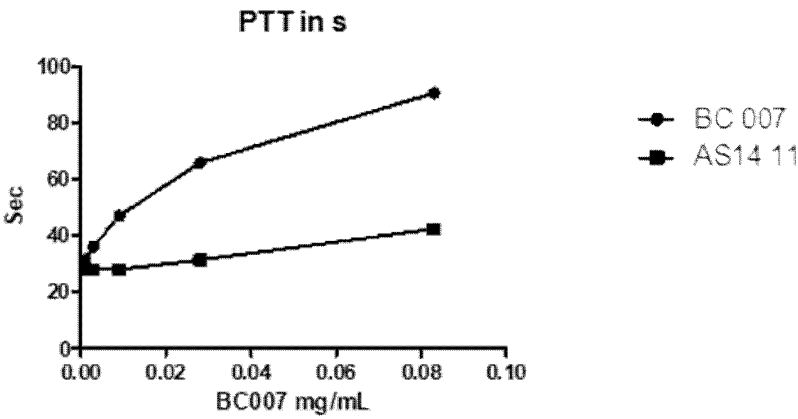


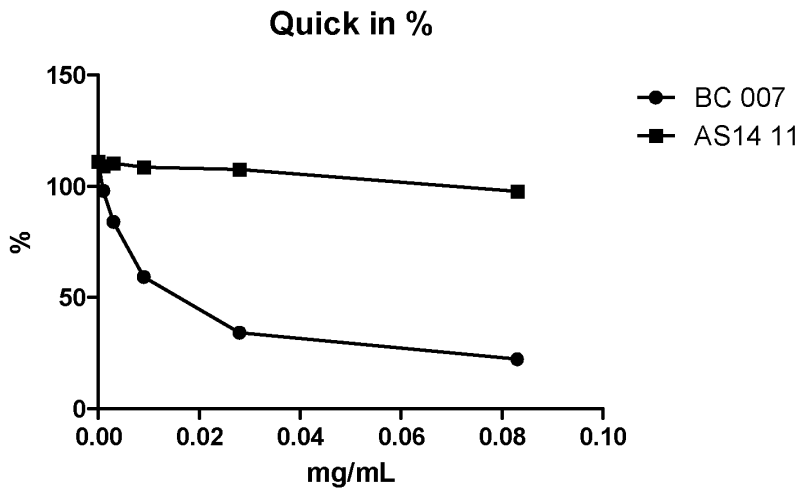
Figure 3

**Figure 4**

A



B



5

Figure 5

10

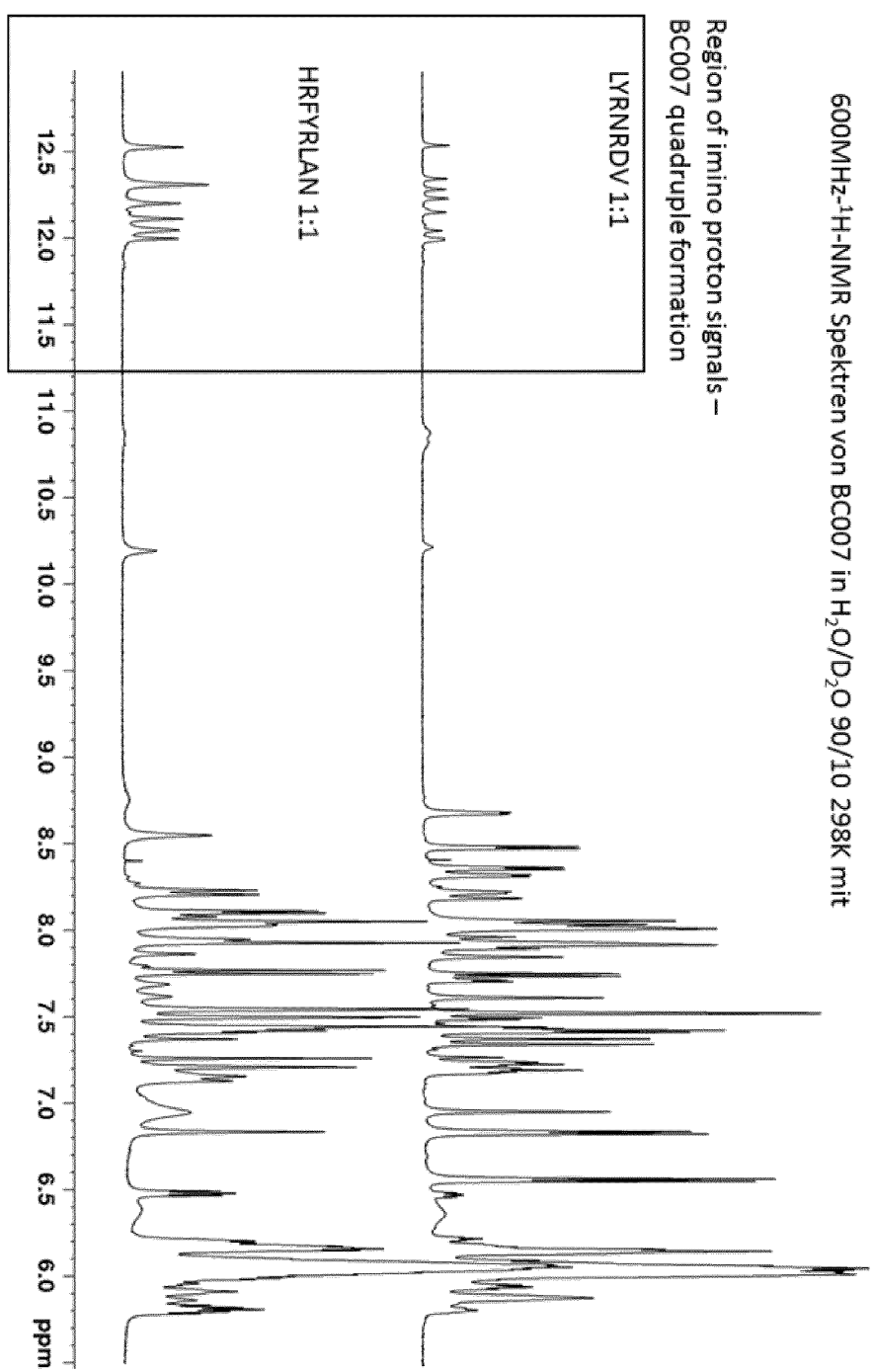
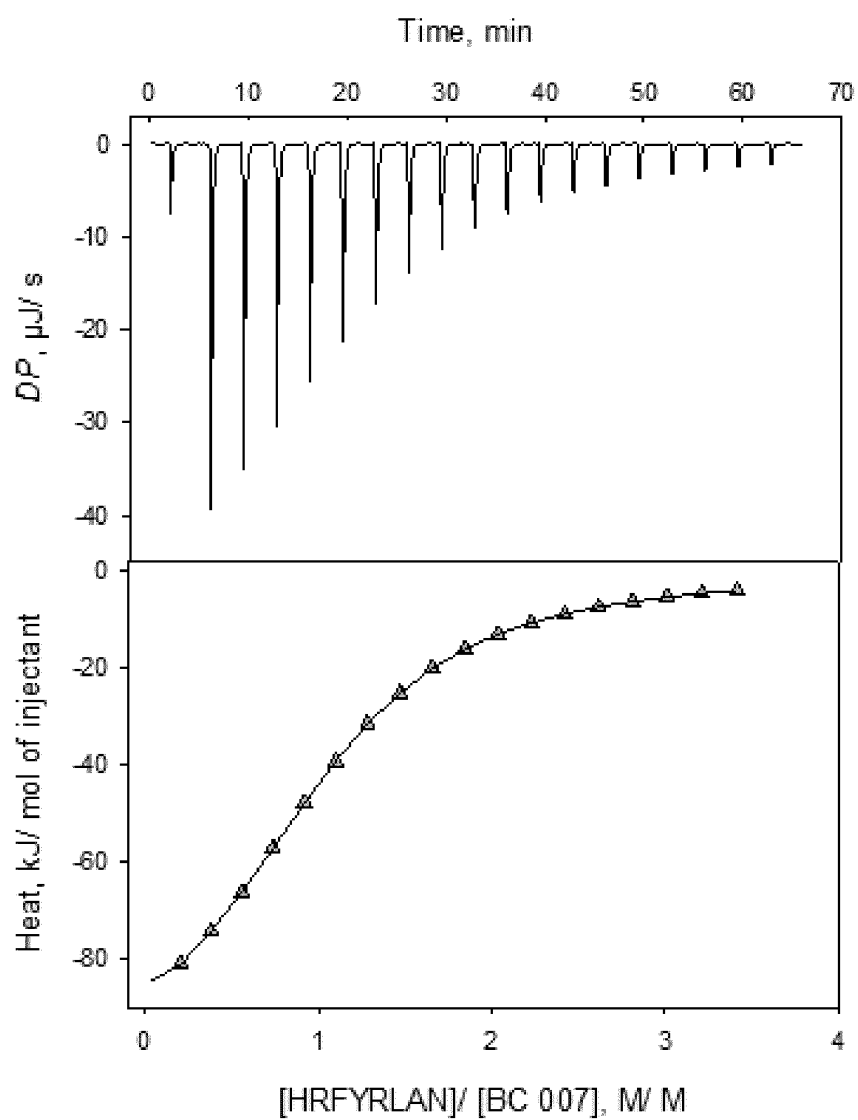
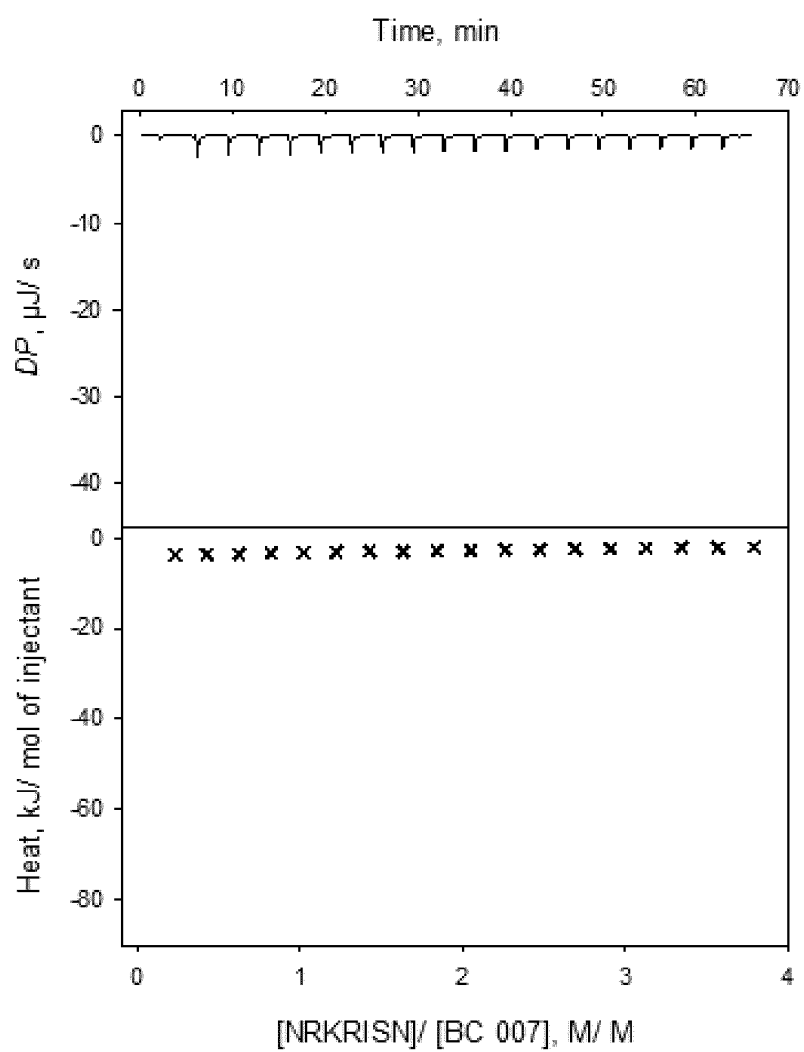


Figure 6

**Figure 7**

**Figure 8**

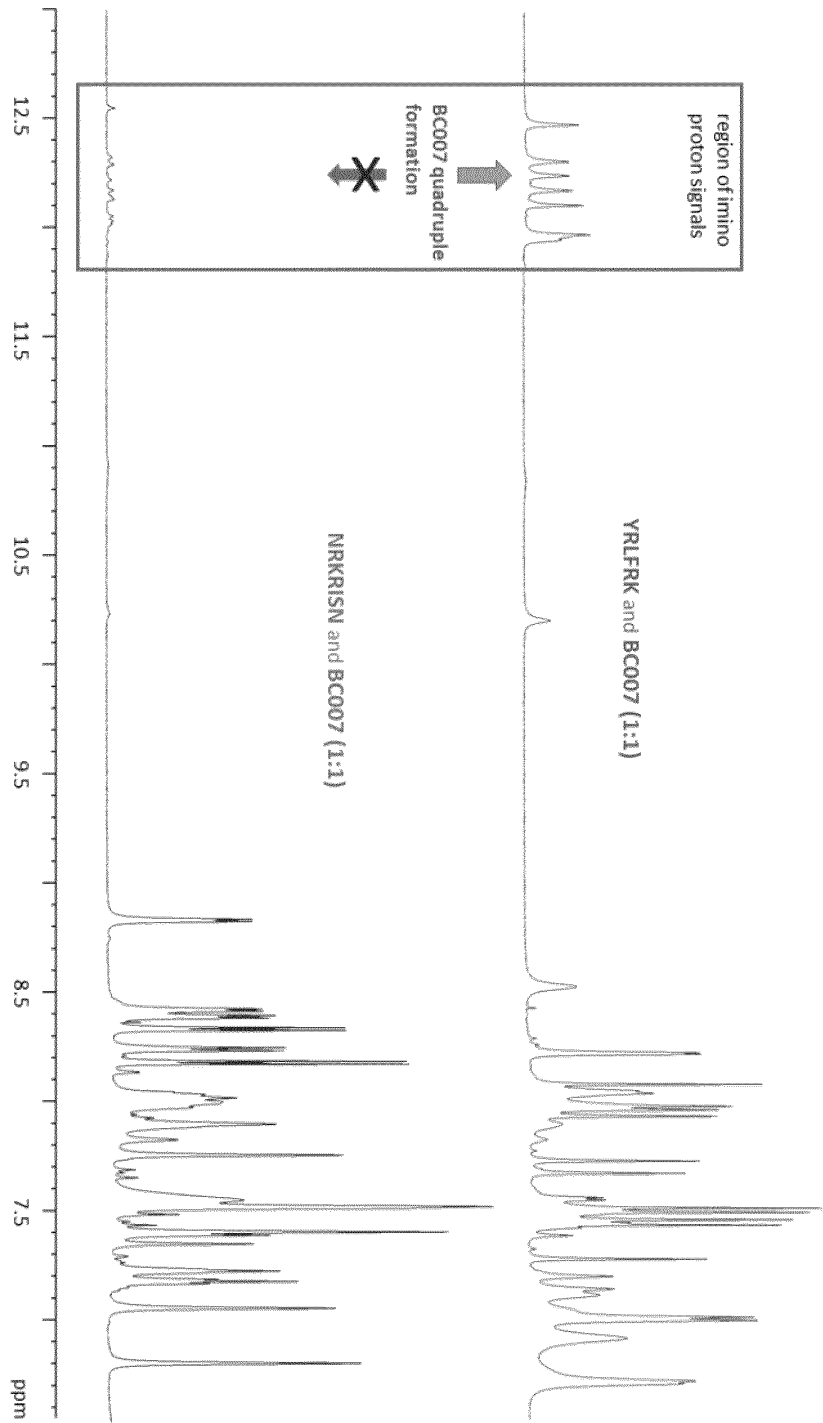
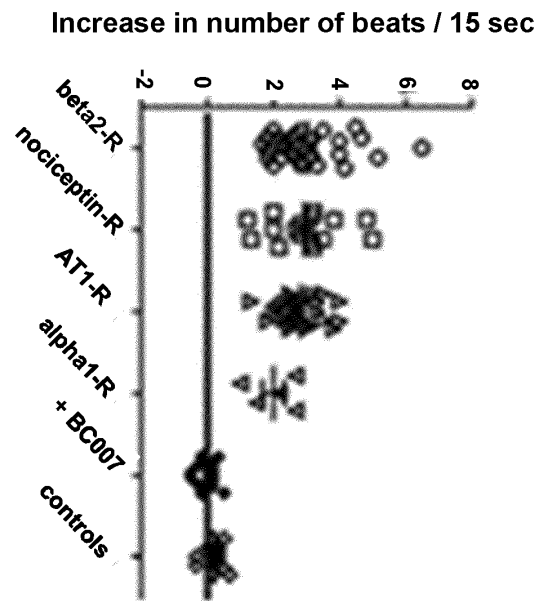


Figure 9

Patient no.	Gender	Age (year)	Runn ing no.	Symptom class		Symptoms	Cardiovascular ⁺	Neuro- active μ Abs		Vasocative μ Abs			Neuro- and vasocative μ Abs		RAS-specific μ Abs	
				Neuro ⁺	Cardiovascular ⁺			Noc- μ Abs ⁺	β 2- μ Abs ⁺	α 1- μ Abs ⁺	FTA- μ Abs ⁺	Mt- μ Abs ⁺	ATI- μ Abs ⁺	MAS- μ Abs ⁺		
1	f	48	1	X	X	Fatigue, Alopecia, Anomic aphasia	Tachycardia	X	X	X	X	X	X	X	X	X
7	f	55	2	X	X	Fatigue, Alopecia	Tachycardia	X	X	X	X	X	X	X	X	X
11	f	39	3	X	X	Fatigue, Alopecia	Tachycardia	X	X	X	X	X	X	X	X	X
19	f	34	4	X	X	Fatigue, PoTS, Tremor	Tachycardia	X	X	X	X	X	X	X	X	X
22	f	34	5	X	X	Fatigue, Alopecia	Tachycardia	X	X	X	X	X	X	X	X	X
3	f	56	6	X	X	Fatigue, Attention deficit	Tachycardia, Arrhythmia	X	X	X	X	X	X	X	X	X
21	f	28	7	X	X	Attention deficit, Tremor, Dysautonomia	Arrhythmia	X	X	X	X	X	X	X	X	X
18	f	53	8	X	X	Tremor, Attention deficit	Tachycardia	X	X	X	X	X	X	X	X	X
20	m	54	9	X	X	Attention deficit	Tachycardia, Hypertension	X	X	X	X	X	X	X	X	X
14	f	57	10	X	X	Fatigue, Anomic aphasia	Arrhythmia, Hypertension	X	X	X	X	X	X	X	X	X
23	f	50	11	X	X	Eczema, Alopecia	Myocarditis	X	X	X	X	X	X	X	X	X
24	f	33	12	X	X	Fatigue, PoTS	n.a.	X	X	X	X	X	X	X	X	X
2	m	42	13	X	X	Fatigue, Alopecia	n.a.	X	X	X	X	X	X	X	X	X
4	m	50	14	X	X	Fatigue	n.a.	X	X	X	X	X	X	X	X	X
5	f	45	15	X	X	Fatigue	n.a.	X	X	X	X	X	X	X	X	X
6	f	36	16	X	X	Tremor, Alopecia, Dysautonomia	n.a.	X	X	X	X	X	X	X	X	X
9	f	50	17	X	X	Fatigue	n.a.	X	X	X	X	X	X	X	X	X
10	f	48	18	X	X	Fatigue	n.a.	X	X	X	X	X	X	X	X	X
12	f	53	19	X	X	Fatigue, Attention deficit	n.a.	X	X	X	X	X	X	X	X	X
15	f	46	20	X	X	Fatigue, Alopecia, Polynuropathy	n.a.	X	X	X	X	X	X	X	X	X
17	f	49	21	X	X	Fatigue, PoTS, Tremor	n.a.	X	X	X	X	X	X	X	X	X
25	f	58	22	X	X	Attention deficit, Neuropathy	n.a.	X	X	X	X	X	X	X	X	X
13	f	26	23	X	X	Fatigue	n.a.	X	X	X	X	X	X	X	X	X
8	m	71	24	X	X	Symptom free	Symptom free	X	X	X	X	X	X	X	X	X
16	m	54	25	X	X	Symptom free	Symptom free	X	X	X	X	X	X	X	X	X

Figure 10

A



B

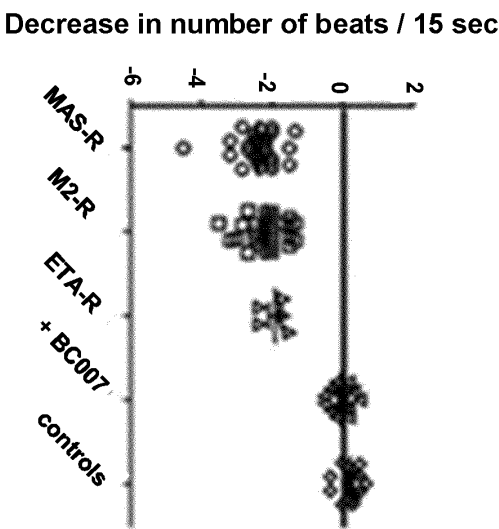


Figure 11