The bradykinin system in stress and anxiety in humans and mice

Ari Rouhiainen^{1,*}, Natalia Kulesskaya^{1,*}, Marie Mennesson^{1, 2, 3, 4}, Zuzanna Misiewicz^{1, 2}, Tessa Sipilä¹, Ewa Sokolowska¹, Kalevi Trontti^{1, 2, 3, 4}, Lea Urpa¹, William McEntegart¹, Suvi Saarnio¹, Petri Hyytiä⁵, Iiris Hovatta^{1, 2, 3, 4}

- ¹ Molecular and Integrative Biosciences Research Program, University of Helsinki, Helsinki, Finland
- ² Department of Psychology and Logopedics, Medicum, University of Helsinki, Helsinki, Finland
- ³ SleepWell Research Program, Faculty of Medicine, University of Helsinki, Finland
- ⁴ Neuroscience Center, Helsinki Institute of Life Science HiLIFE, University of Helsinki, Finland
- ⁵ Department of Pharmacology, Medicum, University of Helsinki, Helsinki, Finland

Supplemental information:

Supplementary Table 1

Supplementary Figure 1

Supplemental Table 1. Genotyped SNPs. The SNP was not

Gene Gene	or association if SNP	it failed quality control. Reason for failing quality control
	rs4905475	
BDKRB1	rs10134118	Not in Hardy-Weinberg equilibrium
	rs11622768	
	rs10147171	
	rs10137303	
	rs11628515	O and a few land for the d
	rs10143977 rs2081084	Genotyping failed Genotyping failed
	rs10142830	Genotyping falled
	rs885845	
	rs8010789	
	rs945036	
	rs4349080	
	rs4905476	
	rs11160324	Genotyping failed
	rs7147284 rs11621078	
	rs1959049	
	rs945034	
	rs2369523	
	rs2069613	
BDKRB2	rs945032	
	rs8016905	
	rs1046248	
	rs4900312 rs4900313	
	rs945039	
	rs4905467	
	rs11847625	Genotyping failed
	rs8013400	
	rs8012552	
	rs4905470	
	rs7149163	
	rs2069575 rs2069578	
	rs5225	
	rs2069590	Genotyping failed
	rs2069596	31 3
	rs2069599	Genotyping failed
	rs4900311	
	rs11160319	
	rs11625405 rs1799722	
	rs1959053	
	rs12433275	Genotyping failed
	rs7624355	Genotyping failed
KNG1	rs13315296	,, _C
	rs11918289	
	rs11924390	
	rs1624230	
	rs1621816	
	rs1469859 rs1656922	
	rs2304456	
	rs5030028	
	rs5030102	
	rs266723	
	rs5030039	
	rs1624569	
	rs5030060	
	rs710446	
	rs5030091 rs266760	
	13200/00	
	rs266763	

Supplemental Figure 1: Uncropped Western blots of Figure 2.

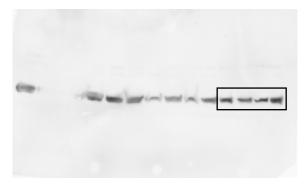


Fig. 2a BDKRB2

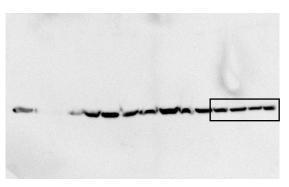


Fig. 2a Actin

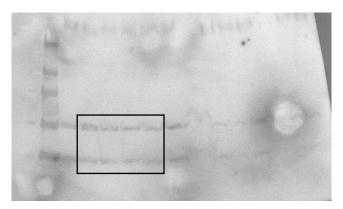


Fig. 2b BDKRB1

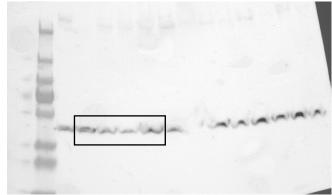


Fig. 2b Actin

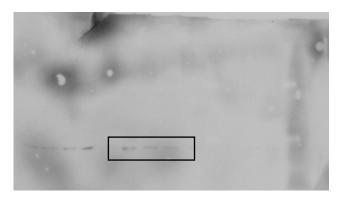


Fig. 2c CRYAB

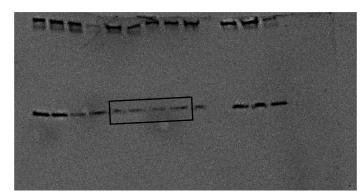


Fig. 2c Actin

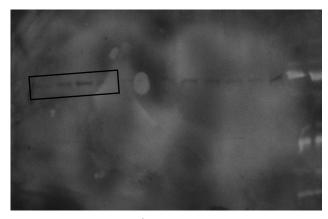


Fig. 2d cFOS

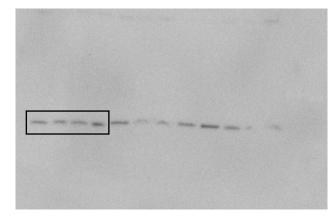


Fig. 2d Actin

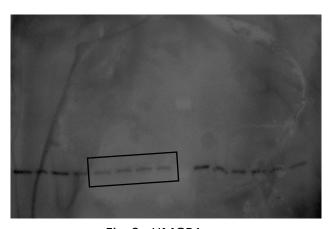


Fig. 2e HMGB1

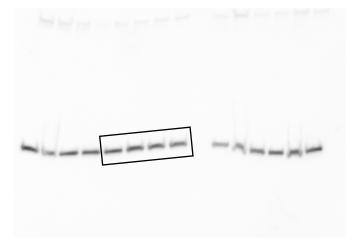


Fig. 2e Actin