

Correlation between data (acute stress)

	Thymus			Spleen			Arenal gland			Agxt211		
	All animals	Control group	Stress group	All animals	Control group	Stress group	All animals	Control group	Stress group	All animals	Control group	Stress group
Thymus	-----			-----			-----			-----		
Spleen	r = 0.11 p = 0.60	r = 0.60 p = 0.04	r = -0.21 p = 0.51	-----			-----			-----		
Adrenal gland	r = 0.27 p = 0.20	r = 0.30 p = 0.35	r = 0.05 p = 0.88	r = 0.26 p = 0.22	r = 0.47 p = 0.12	r = 0.31 p = 0.32	-----			-----		
<i>Agxt211</i>	r = -0.46 p = 0.03	r = -0.10 p = 0.76	r = -0.20 p = 0.53	r = -0.07 p = 0.76	r = -0.38 p = 0.25	r = -0.10 p = 0.75	r = -0.38 p = 0.08	r = -0.58 p = 0.06	r = -0.17 p = 0.59	-----		
<i>Fam107a</i>	r = -0.31 p = 0.16	r = 0.31 p = 0.36	r = -0.17 p = 0.59	r = 0.68 p = 0.0004	r = 0.66 p = 0.03	r = 0.77 p = 0.003	r = -0.09 p = 0.69	r = 0.01 p = 0.98	r = 0.10 p = 0.75	r = 0.21 p = 0.33	r = -0.17 p = 0.61	r = -0.06 p = 0.85

Correlation between data (13 days of stress)

	Thymus			Spleen			Arenal gland		
	All animals	Control group	Stress group	All animals	Control group	Stress group	All animals	Control group	Stress group
Thymus	-----			-----			-----		
Spleen	r = -0.07 p = 0.73	r = 0.24 p = 0.46	r = 0.35 p = 0.27	-----			-----		
Adrenal gland	r = -0.34 p = 0.11	r = -0.05 p = 0.89	r = -0.26 p = 0.42	r = 0.20 p = 0.34	r = 0.10 p = 0.76	r = 0.14 p = 0.66	-----		
<i>Hbb-b1</i>	r = -0.58 p = 0.004	r = -0.13 p = 0.70	r = 0.14 p = 0.66	r = 0.50 p = 0.02	r = 0.04 p = 0.92	r = 0.33 p = 0.30	r = 0.11 p = 0.60	r = -0.19 p = 0.57	r = -0.08 p = 0.81
<i>1500015O10Rik</i>	r = -0.19 p = 0.38	r = 0.28 p = 0.41	r = 0.30 p = 0.35	r = 0.13 p = 0.55	r = -0.43 p = 0.19	r = 0.08 p = 0.81	r = -0.07 p = 0.76	r = -0.49 p = 0.13	r = -0.14 p = 0.66
<i>Mgp</i>	r = -0.43 p = 0.04	r = 0.41 p = 0.21	r = -0.31 p = 0.33	r = 0.19 p = 0.38	r = -0.55 p = 0.08	r = 0.25 p = 0.43	r = 0.32 p = 0.14	r = -0.50 p = 0.12	r = 0.68 p = 0.01

	<i>Hbb-b1</i>			<i>1500015O10Rik</i>		
	All animals	Control group	Stress group	All animals	Control group	Stress group
<i>Hbb-b1</i>	-----			-----		
<i>1500015O10Rik</i>	r = 0.59 p = 0.003	r = 0.16 p = 0.63	r = 0.36 p = 0.26	-----		
<i>Mgp</i>	r = 0.67 p = 0.0005	r = 0.01 p = 0.96	r = 0.38 p = 0.23	r = 0.70 p = 0.000	r = 0.89 p = 0.000	r = 0.36 p = 0.25