

Supplementary Table 1. Daily stability of cortisol over the study period

	ICC*	Adjusted ICC**
Daily Stability over 30+ days		
Awakening cortisol	0.25	0.24
Bedtime cortisol	0.15	0.15
Weekly Stability over last 4 weeks		
Awakening cortisol	0.59	0.59
Bedtime cortisol	0.53	0.53

*Shown are the Intraclass Correlation Coefficients (ICC) for cortisol over the study period.

**Adjusted ICC has been adjusted for age and sex.

Supplementary Table 2: Correlation between methylation vs. cortisol in all samples

	Bedtime Cortisol	Awakening Cortisol
CpG-1	-0.3357	-0.1378
	0.0039	0.2384
CpG-2	-0.0430	0.1040
	0.7102	0.3683
CpG-3	-0.0123	-0.3925
	0.9183	0.0010
CpG-4	0.0770	-0.2003
	0.5173	0.0893
CpG-5	-0.2176	-0.0092
	0.0663	0.9389
CpG-6	-0.0187	-0.0803
	0.8716	0.4875
CpG-7	-0.0544	-0.1671
	0.6384	0.1464

Supplementary Table 3. Correlation between *FKBP5* expression and psychosocial measures by sex

	FEMALES (N=44)	MALES (N=31)
BAI	r=0.37 p=0.0133	r=-0.05 p=0.8079
BDI-II	r=0.32 p=0.0327	r=0.03 p=0.8542
PSS	r=0.21 p=0.1676	r=-0.05 p=0.7737
Emotional stress	r=0.14 p=0.3750	r=-0.16 p=0.3782

Supplementary Table 4: Correlation between genotype vs. cortisol and emotional stress levels and *FKBP5* expression in FEMALES ONLY under a codominance model

Genetic model: Codominant		Additive effect	Dominant effect	Both=0
Trait and SNP	N	F Prob>F	F Prob>F	F Prob>F
Bedtime Cortisol				
rs1360780	31	0.16 0.692	0.10 0.760	0.08 0.921
rs9470080	31	0.08 0.779	0.32 0.574	0.16 0.849
rs9296158	31	0.19 0.669	0.05 0.817	0.09 0.910
rs4713902	31	1.43 0.242	0.73 0.399	0.72 0.495
Waking Cortisol				
rs1360780	31	3.26 0.082	0.89 0.353	1.66 0.209
rs9470080	31	3.77 0.062	0.56 0.460	2.04 0.148
rs9296158	31	3.41 0.076	0.79 0.382	1.76 0.191
rs4713902	31	0.61 0.441	0.50 0.485	0.32 0.731
Emotional Stress				
rs1360780	31	1.94 0.174	0.00 0.957	1.67 0.206
rs9470080	31	1.46 0.238	0.16 0.697	0.82 0.449
rs9296158	31	1.99 0.170	0.00 0.979	1.65 0.210
rs4713902	31	0.12 0.734	0.23 0.638	0.11 0.893
FKBP5 Expression				
rs1360780	30	0.84 0.367	2.87 0.102	1.45 0.253
rs9470080	30	0.52 0.478	4.69 0.039*	2.63 0.091
rs9296158	30	0.72 0.403	3.38 0.077	1.75 0.193
rs4713902	30	6.81 0.015*	4.38 0.046*	3.41 0.048*

*P<0.05.

Supplementary Table 5: Genomic coordinates of the assayed CpGs from UCSC Genome Browser GRCh37/hg19 build.

CpG Position	Genomic Coordinate on Chr.6	Location
CpG-1	35,607,855	Intron 2
CpG-2	35,607,903	Intron 2
CpG-3	35,558,488	Intron 7
CpG-4	35,558,513	Intron 7
CpG-5	35,558,566	Intron 7
CpG-6	35,558,710	Intron 7
CpG-7	35,558,721	Intron 7