

Supplemental Table ST1. List of tested *FKBP5* SNPs, their positions on human chromosome 6 (6p21.3-21.2), Hardy-Weinberg equilibrium test p-value, minor allele frequency and call rate (N=884). The Hardy-Weinberg equilibrium tests for the SNPs of EDSP respondents without a major depressive episode revealed a nominal deviation, which did not withstand Bonferroni correction for multiple testing (5 SNPs x 2 populations). Although call rates were close to 100%, to exclude genotyping errors we compared the genotypes of rs1360780 and rs9470080 with results of high-throughput genotyping (Illumina 550k Bead Chip, Illumina Inc., San Diego, CA, USA), which is available for these SNPs in a subsample of 169 respondents. 100% concordance in genotyping was observed.

SNP	Position ^a	Function	Major Depressive Episode			No Major Depressive Episode		
			Hardy-Weinberg-Equilibrium test p-value	Minor Allele Frequency	Call Rate	Hardy-Weinberg-Equilibrium test p-value	Minor Allele Frequency	Call Rate
rs3800373	35650454	3' UTR	0.185	0.27	99.37	0.024*	0.25	99.72
rs9296158	35675060	Intron	0.247	0.29	100.00	0.007*	0.28	100.00
rs1360780	35715549	Intron	0.163	0.28	100.00	0.013*	0.29	100.00
rs9470080	35754413	Intron	0.570	0.30	100.00	0.045*	0.32	100.00
rs4713916	35777961-8002	5' flanking (range inserting)	0.800	0.27	100.00	0.031*	0.30	99.86

a Chromosomal positions are given according to the March 2006 (hg18) human reference sequence database (NCBI Build 36.1) of the International Human Genome Sequencing Consortium;

* $p < 0.05$; for all SNPs: no significant deviation from Hardy-Weinberg-Equilibrium after Bonferroni-correction for multiple testing (5 SNPs* 2 populations).

Supplemental Table ST2. Associations between baseline adverse events and SNPs of the *FKBP5* gene. Presence of potential gene-environment correlations were tested by evaluating the association between *FKBP5* polymorphisms and the exposure to adverse events. Associations at the nominal level of significance were almost exclusively found for rs4713916 with carriers of the major allele (AG/GG) being less frequently exposed to adverse events compared to non-carriers (AA). No effect withstood correction for multiple testing.

Lifetime Adverse Event until Baseline	Proportion of Respondents with Respective Adverse Event ^c among ...						Heterozygous Versus Homozygous for Minor Allele		Homozygous for Major Allele Versus Homozygous for Minor Allele		Heterozygous Versus Homozygous for Major Allele	
	Subjects Homozygous for the Minor Allele		Heterozygous Subjects		Subjects Homozygous for the Major Allele		Odds Ratio ^a	95%CI ^a	Odds Ratio ^a	95%CI ^a	Odds Ratio ^a	95%CI ^a
	n ^a	% ^a	n ^a	% ^a	n ^a	% ^a						
rs3800373 (CC/AC/AA)^b												
Any Adverse Event	29	40.3	102	33.4	166	32.9	0.8	0.46-1.36	0.8	0.45-1.28	1.0	0.76-1.41
Any Separation Event	19	26.4	73	23.9	130	25.8	0.9	0.51-1.68	1.0	0.57-1.78	0.9	0.65-1.29
Any Trauma	14	19.4	43	14.1	61	12.1	0.7	0.37-1.46	0.6	0.31-1.17	1.2	0.79-1.87
Any Severe Trauma	11	15.3	32	10.5	47	9.3	0.7	0.33-1.49	0.6	0.29-1.23	1.2	0.72-1.90
rs9296158 (AA/AG/GG)^b												
Any Adverse Event	38	42.7	102	31.5	158	33.6	0.7	0.40-1.07	0.7	0.44-1.13	0.9	0.68-1.26
Any Separation Event	26	29.2	74	22.8	123	26.1	0.8	0.44-1.29	0.9	0.53-1.47	0.9	0.61-1.20
Any Trauma	18	20.2	41	12.7	59	12.5	0.6	0.33-1.16	0.6	0.33-1.09	1.0	0.67-1.60
Any Severe Trauma	15	16.9	29	9.0	46	9.8	0.5	0.26-1.04	0.6	0.29-1.07	0.9	0.57-1.53
rs1360780 (TT/CT/CC)^b												
Any Adverse Event	39	43.3	105	32.1	154	33.0	0.7	0.40-1.06	0.7	0.41-1.07	1.0	0.72-1.33
Any Separation Event	27	30.0	75	22.9	121	25.9	0.7	0.43-1.24	0.8	0.51-1.39	0.9	0.62-1.22
Any Trauma	18	20.0	43	13.2	57	12.2	0.7	0.35-1.22	0.6	0.32-1.06	1.1	0.72-1.72
Any Severe Trauma	15	16.7	30	9.2	45	9.6	0.5	0.27-1.07	0.6	0.29-1.06	1.0	0.59-1.60
rs9470080 (TT/CT/CC)^b												
Any Adverse Event	41	39.8	112	31.4	145	34.2	0.7	0.45-1.14	0.8	0.51-1.27	0.9	0.65-1.21
Any Separation Event	29	28.2	81	22.7	113	26.7	0.8	0.47-1.28	0.9	0.58-1.54	0.8	0.58-1.14
Any Trauma	20	19.4	45	12.6	53	12.5	0.6	0.35-1.14	0.6	0.34-1.10	1.0	0.66-1.58
Any Severe Trauma	17	16.5	32	9.0	41	9.7	0.5 *	0.27-0.99	0.6	0.30-1.04	0.9	0.57-1.53
rs4713916 (AA/AG/GG)^b												
Any Adverse Event	39	44.8	109	31.9	150	33.0	0.6 *	0.36-0.96	0.6 *	0.38-0.99	1.0	0.70-1.29
Any Separation Event	29	33.3	79	23.1	115	25.3	0.6 *	0.36-1.02	0.7	0.41-1.13	0.9	0.64-1.24
Any Trauma	19	21.8	43	12.6	56	12.3	0.5 *	0.28-0.97	0.5 *	0.28-0.93	1.0	0.67-1.58
Any Severe Trauma	16	18.4	31	9.1	43	9.5	0.5 *	0.23-0.88	0.5 *	0.24-0.89	1.0	0.59-1.57

a "n" and "%" = number and percentage of respondents; "Odds Ratio" = odds ratio of a multiple logistic regression; "CI" = confidence interval;

b Minor alleles: rs3800373: C; rs9296158: A; rs1360780: T; rs9470080: T; rs4713916: A;

c Reference group: without the respective adverse event until baseline;

* p < 0.05 for an odds ratio controlled for age and gender; no effect withstood correction for multiple testing.