Supplementary table 3. Correlations between *FKBP5* methylation, glucocorticoid replacement dose and disease duration

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| ***FKBP5* CpG sites** | **Hydrocortisone dose (mg/day)** | | **Hydrocortisone dose per BSA (mg/m2/day)** | | **Disease duration (months)** | |
| **cc** | **p** | **cc** | **p** | **cc** | **p** |
| **Intron1A1 CpG185** | -0.407 | 0.000 | -0.398 | 0.000 | -0.180 | 0.050 |
| **Intron1A1 CpG189** | -0.363 | 0.000 | -0.383 | 0.000 | -0.212 | 0.020 |
| **Intron1A2 CpG49** | -0.001 | 0.989 | 0.024 | 0.795 | -0.060 | 0.516 |
| **Intron1A2 CpG126** | -0.076 | 0.410 | -0.136 | 0.143 | -0.026 | 0.781 |
| **Intron1A2 CpG143** | 0.048 | 0.602 | 0.013 | 0.885 | -0.021 | 0.822 |
| **Intron1A2 CpG190** | 0.034 | 0.710 | 0.009 | 0.925 | -0.020 | 0.826 |
| **Intron2A1 CpG62** | 0.004 | 0.966 | 0.021 | 0.819 | -0.021 | 0.825 |
| **Intron2A1 CpG115** | 0.081 | 0.379 | 0.078 | 0.406 | 0.027 | 0.774 |
| **Intron2A1 CpG180** | 0.062 | 0.505 | 0.039 | 0.682 | 0.031 | 0.737 |
| **Intron2A1 CpG228** | -0.058 | 0.531 | -0.096 | 0.304 | -0.111 | 0.233 |
| **Intron5A1 CpG97** | -0.185 | 0.044 | -0.216 | 0.019 | -0.119 | 0.196 |
| **Intron5A1 CpG123** | 0.011 | 0.908 | -0.064 | 0.490 | -0.110 | 0.233 |
| **Intron5A1 CpG242** | -0.136 | 0.140 | -0.197 | 0.033 | -0.223 | 0.015 |
| **Intron5A1 CpG262** | -0.138 | 0.135 | -0.249 | 0.007 | -0.132 | 0.151 |
| **Intron5A1 CpG268** | -0.119 | 0.197 | -0.190 | 0.040 | -0.232 | 0.011 |
| **Intron5A2 CpG66** | -0.050 | 0.591 | -0.113 | 0.231 | 0.136 | 0.149 |
| **Intron5A2 CpG127** | 0.059 | 0.525 | 0.008 | 0.930 | -0.016 | 0.869 |
| **Intron5A2 CpG218** | -0.069 | 0.456 | -0.018 | 0.851 | -0.097 | 0.305 |
| **Intron5A3 CpG133** | -0.110 | 0.238 | -0.136 | 0.150 | -0.212 | 0.024 |
| **Intron7A1 CpG127** | -0.135 | 0.143 | -0.124 | 0.182 | -0.300 | 0.001 |
| **Intron7A1 CpG138** | -0.164 | 0.075 | -0.114 | 0.223 | -0.301 | 0.001 |
| **Intron7A1 CpG282** | -0.112 | 0.226 | -0.051 | 0.585 | -0.272 | 0.003 |
| **Intron7A2 CpG41** | -0.135 | 0.145 | -0.088 | 0.345 | -0.197 | 0.031 |
| **Intron7A2 CpG94** | -0.119 | 0.196 | -0.063 | 0.502 | -0.202 | 0.028 |
| **Intron7A2 CpG119** | -0.023 | 0.804 | -0.013 | 0.885 | -0.133 | 0.148 |
| **Intron7A2 CpG169** | -0.166 | 0.071 | -0.104 | 0.267 | -0.341 | 0.000 |
| **Intron7A2 CpG221** | -0.112 | 0.226 | -0.018 | 0.851 | -0.270 | 0.003 |
| **PromoterA1 CpG112** | -0.076 | 0.409 | -0.110 | 0.236 | -0.252 | 0.007 |
| **PromoterA1 CpG128** | -0.329 | 0.000 | -0.311 | 0.001 | -0.172 | 0.067 |
| **PromoterA1 CpG175** | -0.295 | 0.001 | -0.304 | 0.001 | -0.235 | 0.012 |
| **PromoterA1 CpG199** | -0.292 | 0.001 | -0.313 | 0.001 | -0.132 | 0.162 |
| **PromoterA2 CpG48** | -0.125 | 0.184 | -0.131 | 0.165 | -0.054 | 0.569 |
| **PromoterA2 CpG89** | 0.024 | 0.802 | -0.027 | 0.776 | -0.069 | 0.463 |
| **PromoterA2 CpG101** | 0.046 | 0.623 | 0.010 | 0.917 | -0.067 | 0.480 |
| **PromoterA2 CpG168** | 0.036 | 0.701 | 0.089 | 0.348 | -0.045 | 0.636 |
| **PromoterA2 CpG215** | 0.011 | 0.911 | 0.003 | 0.975 | -0.163 | 0.084 |
| **PromoterA2 CpG253** | 0.036 | 0.700 | 0.061 | 0.524 | -0.097 | 0.305 |
| **PromoterA2 CpG288** | -0.086 | 0.363 | -0.033 | 0.729 | -0.270 | 0.004 |
| **Proximal Enhancer A1 CpG83** | -0.135 | 0.144 | -0.117 | 0.210 | -0.326 | 0.000 |
| **Proximal Enhancer A1 CpG91** | -0.126 | 0.172 | -0.115 | 0.217 | -0.331 | 0.000 |
| **Proximal Enhancer A1 CpG134** | -0.173 | 0.060 | -0.180 | 0.052 | -0.245 | 0.008 |
| **Proximal Enhancer A1 CpG207** | -0.127 | 0.168 | -0.104 | 0.264 | -0.299 | 0.001 |
| **Proximal Enhancer A1 CpG216** | -0.107 | 0.249 | -0.089 | 0.339 | -0.313 | 0.001 |
| **Proximal Enhancer A1 CpG226** | -0.121 | 0.189 | -0.099 | 0.287 | -0.329 | 0.000 |
| **Proximal Enhancer A1 CpG265** | -0.113 | 0.221 | -0.077 | 0.411 | -0.283 | 0.002 |
| **Proximal Enhancer A2 CpG84** | -0.066 | 0.476 | -0.101 | 0.279 | -0.252 | 0.006 |
| **Proximal Enhancer A2 CpG100** | -0.330 | 0.000 | -0.310 | 0.001 | -0.210 | 0.023 |
| **Proximal Enhancer A2 CpG147** | -0.289 | 0.001 | -0.315 | 0.001 | -0.220 | 0.017 |
| **Proximal Enhancer A2 CpG171** | -0.273 | 0.003 | -0.276 | 0.003 | -0.111 | 0.235 |
| **Proximal Enhancer A2 CpG244** | -0.329 | 0.000 | -0.346 | 0.000 | -0.098 | 0.292 |
| **Proximal Enhancer A3 CpG148** | -0.021 | 0.820 | -0.046 | 0.623 | -0.244 | 0.008 |
| **Proximal Enhancer A3 CpG199** | -0.150 | 0.104 | -0.106 | 0.255 | -0.032 | 0.730 |
| **Proximal Enhancer A4 CpG191** | -0.310 | 0.001 | -0.306 | 0.001 | -0.023 | 0.805 |
| **Proximal Enhancer A4 CpG232** | -0.235 | 0.011 | -0.204 | 0.029 | 0.051 | 0.583 |

cc correlation coefficient, BSA body surface area