Supplementary table 4. PIA cohort: correlations between *FKBP5* methylation, urinary cortisol and hair cortisol levels

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ***FKBP5* methylation** | **24-hour urinary cortisol**  **(nmol/l)** | | **Hair cortisol** | | | | | |
| **Segment 1**  **(0-3 cm)** | | **Segment 2**  **(4-6 cm)** | | **Segment 3**  **(7-9 cm)** | |
| **CpG sites** | **cc** | **p** | **cc** | **p** | **cc** | **p** | **cc** | **p** |
| **Intron1A1 CpG185** | -0.380 | 0.000 | -0.350 | 0.006 | -0.246 | 0.089 | -0.583 | 0.001 |
| **Intron1A1 CpG189** | -0.344 | 0.001 | -0.358 | 0.005 | -0.182 | 0.210 | -0.481 | 0.010 |
| **Intron1A2 CpG49** | -0.065 | 0.527 | 0.050 | 0.702 | 0.137 | 0.348 | 0.279 | 0.150 |
| **Intron1A2 CpG126** | -0.142 | 0.167 | -0.181 | 0.166 | 0.014 | 0.922 | -0.203 | 0.301 |
| **Intron1A2 CpG143** | -0.015 | 0.888 | 0.024 | 0.853 | 0.224 | 0.122 | 0.126 | 0.521 |
| **Intron1A2 CpG190** | 0.000 | 0.999 | 0.085 | 0.517 | 0.298 | 0.037 | 0.268 | 0.168 |
| **Intron2A1 CpG62** | -0.096 | 0.352 | -0.151 | 0.248 | -0.045 | 0.760 | 0.057 | 0.775 |
| **Intron2A1 CpG115** | -0.022 | 0.832 | 0.066 | 0.618 | 0.209 | 0.150 | 0.319 | 0.098 |
| **Intron2A1 CpG180** | -0.070 | 0.501 | 0.086 | 0.512 | 0.262 | 0.069 | 0.232 | 0.235 |
| **Intron2A1 CpG228** | -0.100 | 0.337 | -0.010 | 0.937 | 0.187 | 0.198 | 0.167 | 0.394 |
| **Intron5A1 CpG97** | -0.150 | 0.144 | -0.042 | 0.749 | -0.127 | 0.386 | -0.452 | 0.016 |
| **Intron5A1 CpG123** | 0.059 | 0.565 | -0.054 | 0.685 | -0.021 | 0.886 | -0.316 | 0.101 |
| **Intron5A1 CpG242** | -0.072 | 0.485 | -0.034 | 0.796 | -0.105 | 0.473 | -0.365 | 0.056 |
| **Intron5A1 CpG262** | -0.099 | 0.337 | -0.049 | 0.712 | -0.063 | 0.665 | -0.406 | 0.032 |
| **Intron5A1 CpG268** | -0.002 | 0.983 | 0.019 | 0.885 | -0.056 | 0.702 | -0.382 | 0.045 |
| **Intron5A2 CpG66** | -0.106 | 0.310 | -0.042 | 0.749 | 0.238 | 0.099 | 0.450 | 0.016 |
| **Intron5A2 CpG127** | 0.077 | 0.461 | 0.033 | 0.800 | 0.291 | 0.043 | 0.150 | 0.447 |
| **Intron5A2 CpG218** | -0.138 | 0.184 | 0.000 | 0.999 | 0.146 | 0.318 | 0.442 | 0.019 |
| **Intron5A3 CpG133** | -0.027 | 0.798 | 0.002 | 0.990 | -0.156 | 0.289 | -0.374 | 0.055 |
| **Intron7A1 CpG127** | -0.287 | 0.005 | -0.118 | 0.369 | -0.150 | 0.302 | -0.300 | 0.120 |
| **Intron7A1 CpG138** | -0.196 | 0.055 | -0.067 | 0.614 | -0.159 | 0.276 | -0.309 | 0.109 |
| **Intron7A1 CpG282** | -0.230 | 0.024 | -0.039 | 0.768 | -0.141 | 0.332 | -0.043 | 0.829 |
| **Intron7A2 CpG41** | -0.252 | 0.013 | -0.179 | 0.171 | -0.389 | 0.006 | -0.312 | 0.106 |
| **Intron7A2 CpG94** | -0.046 | 0.655 | -0.054 | 0.683 | 0.261 | 0.070 | 0.206 | 0.293 |
| **Intron7A2 CpG119** | -0.035 | 0.735 | 0.038 | 0.775 | 0.241 | 0.095 | 0.068 | 0.731 |
| **Intron7A2 CpG169** | -0.093 | 0.366 | -0.228 | 0.079 | -0.206 | 0.157 | -0.467 | 0.012 |
| **Intron7A2 CpG221** | -0.086 | 0.407 | -0.092 | 0.485 | -0.074 | 0.615 | -0.167 | 0.394 |
| **PromoterA1 CpG112** | -0.117 | 0.258 | 0.085 | 0.516 | 0.190 | 0.191 | -0.275 | 0.156 |
| **PromoterA1 CpG128** | -0.253 | 0.013 | -0.208 | 0.110 | -0.146 | 0.317 | -0.349 | 0.069 |
| **PromoterA1 CpG175** | -0.285 | 0.005 | -0.156 | 0.235 | -0.307 | 0.032 | -0.513 | 0.005 |
| **PromoterA1 CpG199** | -0.262 | 0.010 | -0.190 | 0.146 | -0.123 | 0.400 | -0.252 | 0.195 |
| **PromoterA2 CpG48** | -0.139 | 0.184 | 0.001 | 0.992 | 0.211 | 0.146 | 0.126 | 0.523 |
| **PromoterA2 CpG89** | 0.038 | 0.716 | 0.035 | 0.790 | 0.255 | 0.080 | 0.161 | 0.422 |
| **PromoterA2 CpG101** | 0.103 | 0.328 | 0.109 | 0.408 | 0.358 | 0.012 | 0.207 | 0.291 |
| **PromoterA2 CpG168** | -0.049 | 0.640 | 0.124 | 0.346 | 0.244 | 0.091 | 0.499 | 0.007 |
| **PromoterA2 CpG215** | 0.092 | 0.382 | -0.023 | 0.859 | -0.019 | 0.894 | -0.102 | 0.607 |
| **PromoterA2 CpG253** | 0.095 | 0.366 | 0.006 | 0.963 | 0.150 | 0.303 | 0.117 | 0.553 |
| **PromoterA2 CpG288** | -0.061 | 0.561 | -0.053 | 0.685 | 0.022 | 0.882 | 0.131 | 0.505 |
| **Proximal EnhancerA1 CpG83** | -0.085 | 0.409 | 0.197 | 0.131 | 0.058 | 0.694 | -0.167 | 0.396 |
| **Proximal EnhancerA1 CpG91** | -0.081 | 0.435 | 0.129 | 0.325 | -0.033 | 0.820 | -0.141 | 0.473 |
| **Proximal EnhancerA1 CpG134** | -0.112 | 0.277 | 0.125 | 0.340 | 0.066 | 0.653 | -0.188 | 0.337 |
| **Proximal EnhancerA1 CpG207** | -0.060 | 0.559 | 0.135 | 0.303 | -0.064 | 0.661 | -0.215 | 0.273 |
| **Proximal EnhancerA1 CpG216** | -0.054 | 0.604 | 0.163 | 0.214 | -0.048 | 0.742 | -0.203 | 0.301 |
| **Proximal EnhancerA1 CpG226** | -0.069 | 0.502 | 0.169 | 0.196 | -0.035 | 0.810 | -0.244 | 0.211 |
| **Proximal EnhancerA1 CpG265** | -0.042 | 0.682 | 0.124 | 0.344 | -0.122 | 0.404 | -0.294 | 0.128 |
| **Proximal EnhancerA2 CpG84** | -0.115 | 0.266 | 0.098 | 0.454 | 0.169 | 0.245 | -0.234 | 0.230 |
| **Proximal EnhancerA2 CpG100** | -0.274 | 0.007 | -0.241 | 0.063 | -0.253 | 0.079 | -0.444 | 0.018 |
| **Proximal EnhancerA2 CpG147** | -0.223 | 0.029 | -0.136 | 0.300 | -0.192 | 0.186 | -0.577 | 0.001 |
| **Proximal EnhancerA2 CpG171** | -0.286 | 0.005 | -0.130 | 0.323 | -0.042 | 0.774 | -0.162 | 0.410 |
| **Proximal EnhancerA2 CpG244** | -0.310 | 0.002 | -0.310 | 0.016 | -0.301 | 0.036 | -0.477 | 0.010 |
| **Proximal EnhancerA3 CpG148** | -0.045 | 0.665 | 0.304 | 0.018 | 0.238 | 0.100 | -0.047 | 0.812 |
| **Proximal EnhancerA3 CpG199** | -0.146 | 0.156 | -0.436 | 0.001 | -0.501 | 0.000 | -0.525 | 0.004 |
| **Proximal EnhancerA4 CpG191** | -0.202 | 0.049 | -0.377 | 0.003 | -0.317 | 0.028 | -0.367 | 0.060 |
| **Proximal EnhancerA4 CpG232** | -0.131 | 0.205 | -0.173 | 0.190 | -0.131 | 0.374 | -0.287 | 0.147 |