Supplemental Table 2B. Differentially methylated sites in SZ after adjusting for neuronal proportion. The 256 sites at which DNAm differs between SZ and NPC subjects at the FDR cutoff of q=0.1 (adjusted for age, race, PMI, and neuronal proportion) are listed in the table. Abbreviations: DNAm, DNA methylation; FDR, false discovery rate; NPC, non-psychiatric comparison; PMI, postmortem interval; SZ, schizophrenia.

| Site           | DNAm Difference (SZ-NPC; β-values) | q-value  | Gene           |
|----------------|------------------------------------|----------|----------------|
| cg01712700     | -0.032                             | 8.39E-05 | CAPN10         |
| cg13532802     | -0.041                             | 9.36E-05 |                |
| cg02113493     | -0.022                             | 0.005    |                |
| cg04020590     | -0.033                             | 0.007    | GRTP1          |
| cg25079492     | -0.028                             | 0.011    | CLEC16A        |
| cg05621596     | -0.018                             | 0.012    | GRMD4          |
| cg08847417     | -0.023                             | 0.012    | ZNF827         |
| cg23453794     | -0.033                             | 0.012    | MERTK          |
| cg08692211     | -0.021                             | 0.018    | MEIS2          |
| cg23379913     | -0.026                             | 0.018    | AKAP1          |
| cg07487411     | -0.012                             | 0.019    | UBDT1          |
| cg24941703     | -0.027                             | 0.019    | MAD1L1         |
| cg26981306     | -0.027                             | 0.019    | KIAA0892       |
| cg04011474     | -0.028                             | 0.020    |                |
| cg22945957     | -0.027                             | 0.020    | PSTPIP1        |
| cg22519912     | -0.027                             | 0.026    | PSD2           |
| cg01606571     | -0.026                             | 0.026    | HADHA          |
| cg02478836     | -0.021                             | 0.026    | TBC1D22A       |
| cg06050636     | -0.034                             | 0.026    | S100A13        |
| cg1393915      | -0.031                             | 0.026    | MSI2           |
| cg18735473     | -0.020                             | 0.026    | BRUNOL4        |
| cg21620968     | -0.029                             | 0.026    | COP57B         |
| cg22348992     | -0.016                             | 0.026    | CHRNA4         |
| cg22689280     | -0.028                             | 0.026    |                |
| cg02289653     | -0.025                             | 0.027    | EPB41L1        |
| cg10863857     | -0.024                             | 0.027    | CELF2          |
| cg12349571     | -0.017                             | 0.027    | TLE3           |
| cg13295422     | -0.030                             | 0.027    | CELF2; CELF2-AS2 |
| cg14346040     | -0.018                             | 0.027    | NR1D1          |
| cg19261949     | -0.023                             | 0.027    | ZMAT5          |
| cg21265339     | -0.022                             | 0.027    |                |
| cg24158028     | -0.027                             | 0.027    | STK32C         |
| cg18282392     | -0.019                             | 0.029    | GALNT7         |
| cg25459000     | -0.017                             | 0.031    | SYNGR1         |
| cg19418922     | -0.026                             | 0.031    | EXT2           |
| cg03449456     | -0.020                             | 0.031    | PRDM16         |
| cg02722031     | -0.027                             | 0.032    | HERC3          |
| Gene Symbol | Gene Name       | Log2 Fold Change | FDR  | Description            |
|-------------|-----------------|-----------------|------|------------------------|
| cg08425757  | TRAPPC9         | -0.013          | 0.032|                       |
| cg12937501  |                 | -0.025          | 0.033|                       |
| cg14608424  |                 | -0.025          | 0.033|                       |
| cg17601209  |                 | -0.031          | 0.033|                       |
| cg00387200  |                 | -0.027          | 0.035|                       |
| cg09200437  |                 | -0.018          | 0.035|                       |
| cg10699522  | DST; LOC101930010 | -0.028       | 0.035|                       |
| cg15044372  |                 | -0.023          | 0.035|                       |
| cg23200394  |                 | -0.033          | 0.035|                       |
| cg24920126  |                 | -0.022          | 0.035|                       |
| cg12446793  |                 | -0.028          | 0.036|                       |
| cg24883899  |                 | -0.018          | 0.036|                       |
| cg07348768  |                 | -0.014          | 0.036|                       |
| cg16901627  |                 | -0.019          | 0.036|                       |
| cg25894668  |                 | -0.021          | 0.040|                       |
| cg13523224  |                 | -0.031          | 0.043|                       |
| cg20402747  |                 | -0.019          | 0.044|                       |
| cg24512544  |                 | -0.020          | 0.044|                       |
| cg25211200  |                 | -0.025          | 0.044|                       |
| cg21408848  |                 | -0.026          | 0.046|                       |
| cg24318537  |                 | -0.023          | 0.046|                       |
| cg06022867  |                 | -0.043          | 0.047|                       |
| cg12449974  |                 | -0.027          | 0.047|                       |
| cg01203812  |                 | -0.026          | 0.048|                       |
| cg12713481  |                 | -0.027          | 0.048|                       |
| cg12590902  |                 | -0.022          | 0.048| ERI3                   |
| cg18329758  |                 | -0.027          | 0.048| WWC1                   |
| cg21946195  |                 | -0.033          | 0.050| ATOH8                  |
| cg00772497  |                 | -0.027          | 0.050| GSTCD                  |
| cg13689085  |                 | -0.026          | 0.050| TCF7                   |
| cg00159552  |                 | -0.018          | 0.051| TBC1D22A               |
| cg00162902  |                 | -0.019          | 0.051| FAM184A                |
| cg00686823  |                 | -0.024          | 0.051| TPRA1                  |
| cg01123449  |                 | -0.026          | 0.051| HHIPL1                 |
| cg01287037  |                 | -0.027          | 0.051|                       |
| cg01433955  |                 | -0.027          | 0.051|                       |
| cg02347483  |                 | -0.021          | 0.051| CCDC101                |
| cg03595140  |                 | -0.027          | 0.051| FNBP1                  |
| cg03932760  |                 | -0.022          | 0.051| ARRB1; MIR326          |
| cg04500745  |                 | -0.017          | 0.051| MAPK8IP3               |
| cg04633409  |                 | 0.019           | 0.051| TWF1                   |
| cg05068943  |                 | -0.019          | 0.051| GOT1                   |
| cg05501958  |                 | -0.011          | 0.051| APOE                   |
| cg06317803  |                 | 0.018           | 0.051|                       |
| cg06847567  |                 | 0.020           | 0.051|                       |
| cg07380086 | -0.025 | 0.051 | CHN1 |
| cg07597386 | -0.007 | 0.051 | PRDM16 |
| cg07605200 | -0.026 | 0.051 | |
| cg08196145 | -0.018 | 0.051 | |
| cg08209664 | -0.020 | 0.051 | ST3GAL1 |
| cg08256119 | -0.025 | 0.051 | MSI2 |
| cg08419879 | -0.017 | 0.051 | PLEKHG1 |
| cg09815962 | -0.026 | 0.051 | EIF2C2 |
| cg09925572 | -0.025 | 0.051 | TFCP2 |
| cg11197533 | -0.026 | 0.051 | IFT122 |
| cg12312611 | 0.027 | 0.051 | ARRD5 |
| cg13136596 | -0.034 | 0.051 | MSI2 |
| cg14020176 | -0.020 | 0.051 | SLC9A3R1 |
| cg14366878 | 0.025 | 0.051 | SLC1A1 |
| cg14372037 | -0.029 | 0.051 | SORCS2 |
| cg14517390 | -0.019 | 0.051 | ACSB1 |
| cg15165927 | -0.023 | 0.051 | NMD2 |
| cg15728120 | -0.017 | 0.051 | CENPT |
| cg15748271 | -0.020 | 0.051 | TRIM8 |
| cg15845746 | -0.012 | 0.051 | TMEM177 |
| cg16266918 | -0.024 | 0.051 | PDKX |
| cg16433632 | -0.013 | 0.051 | RAMP1 |
| cg17134838 | -0.022 | 0.051 | |
| cg17803589 | -0.023 | 0.051 | SLC19A1 |
| cg19788036 | -0.025 | 0.051 | |
| cg21785920 | -0.038 | 0.051 | LBP |
| cg22548266 | -0.027 | 0.051 | SPOCK2 |
| cg22649529 | -0.033 | 0.051 | TCR |
| cg23634532 | -0.022 | 0.051 | OGDH |
| cg2438094 | -0.022 | 0.051 | PLXNA1 |
| cg25298833 | -0.027 | 0.051 | RGMA |
| cg25601830 | -0.022 | 0.051 | AKR7A2 |
| cg26201596 | 0.026 | 0.051 | |
| cg26520908 | -0.028 | 0.051 | PRDM16 |
| cg26580673 | -0.020 | 0.051 | |
| cg26632239 | -0.014 | 0.051 | CTDPP1 |
| cg27151770 | -0.021 | 0.051 | ZNF423 |
| cg27214458 | -0.013 | 0.051 | MRGPF; MRGPF-AS1 |
| cg21705669 | -0.017 | 0.052 | BCL6 |
| cg08213909 | -0.020 | 0.054 | MCC |
| cg12128274 | 0.030 | 0.054 | CNOT4 |
| cg16023894 | -0.029 | 0.054 | EPHB2 |
| cg16622899 | 0.020 | 0.054 | MAFK |
| cg26409376 | -0.032 | 0.054 | RGMA |
| cg07987705 | -0.022 | 0.054 | |

The table lists gene symbols and their corresponding fold changes and p-values.
| Gene ID          | Value 1 | Value 2 | Description        |
|-----------------|---------|---------|--------------------|
| cg18783374      | -0.022  | 0.054   | MSI2               |
| cg16011164      | -0.027  | 0.056   | MIR4656; AP5Z1     |
| cg17529670      | -0.022  | 0.056   | BCR                |
| cg14297573      | -0.032  | 0.058   | PFKP               |
| cg09255521      | -0.034  | 0.058   |                    |
| cg01952185      | 0.019   | 0.059   |                    |
| cg04677723      | -0.017  | 0.062   | MOGS               |
| cg04618897      | -0.028  | 0.066   | KIAA0415           |
| cg07303829      | -0.020  | 0.066   | SAPS2              |
| cg11548242      | -0.018  | 0.066   |                    |
| cg11569621      | -0.019  | 0.066   |                    |
| cg13821176      | -0.029  | 0.066   | TRIB1              |
| cg19736604      | -0.023  | 0.066   | TNXB               |
| cg22014398      | -0.019  | 0.066   | MGAT4B             |
| cg24484600      | -0.021  | 0.066   | GDPD5              |
| cg09788030      | -0.024  | 0.067   |                    |
| cg02752163      | 0.045   | 0.068   |                    |
| cg03629926      | -0.019  | 0.068   | ANGPTL4            |
| cg03649589      | -0.018  | 0.068   | CSGALNACT1         |
| cg07463740      | -0.025  | 0.068   |                    |
| cg16187038      | -0.023  | 0.068   | RCOR1              |
| cg21126828      | -0.026  | 0.068   | RAI1               |
| cg25580656      | -0.024  | 0.068   | ZFYVE21            |
| cg23879743      | -0.018  | 0.068   |                    |
| cg11301187      | -0.025  | 0.068   | KIAA0195           |
| cg05321174      | -0.014  | 0.068   | PTK2B              |
| cg26301507      | -0.018  | 0.068   | SLC25A20           |
| cg13259703      | -0.022  | 0.070   |                    |
| cg20108328      | -0.023  | 0.070   | C21orf70           |
| cg19859445      | -0.022  | 0.070   |                    |
| cg04792024      | -0.023  | 0.070   | TMEM120A           |
| cg07504768      | -0.021  | 0.070   | MTSS1L             |
| cg23564627      | -0.022  | 0.070   | PEMT               |
| cg24379495      | -0.021  | 0.073   | SLC1A2             |
| cg12985235      | -0.010  | 0.073   | MPND               |
| cg14335434      | -0.032  | 0.073   | PRKCH              |
| cg05071292      | -0.013  | 0.074   | LOC728613          |
| cg05927518      | -0.021  | 0.074   | TACC1              |
| cg15343406      | -0.037  | 0.074   |                    |
| cg17196564      | -0.020  | 0.074   |                    |
| cg19177744      | -0.023  | 0.074   |                    |
| cg21036560      | -0.024  | 0.075   | PGBD5              |
| cg03628962      | -0.021  | 0.075   | RGMA               |
| cg03957687      | -0.023  | 0.075   | CENPT              |
| cg04594439      | -0.025  | 0.075   | PASK               |
| cg0701888     | 0.017 | 0.075 | FOXN1       |
|--------------|-------|-------|-------------|
| cg09214323   | -0.023| 0.075 | RNU6-2; KIF1B |
| cg13175786   | -0.021| 0.075 | PRDM16      |
| cg17282060   | -0.012| 0.075 | ARHGAP22    |
| cg17736422   | -0.033| 0.075 | PRDM16      |
| cg24986651   | -0.024| 0.075 | LPIN1       |
| cg26000554   | -0.023| 0.075 | MOSC2       |
| cg26913155   | -0.026| 0.075 | PRDM16      |
| cg15365305   | -0.021| 0.076 | SMARCA2     |
| cg26122413   | -0.019| 0.076 | INF2        |
| cg05141465   | -0.026| 0.078 | CHST10      |
| cg10225499   | -0.031| 0.079 | EZR         |
| cg17320669   | -0.026| 0.080 | CAPN2       |
| cg19839415   | -0.022| 0.080 | IFFO2       |
| cg03950655   | -0.020| 0.084 | ROR1        |
| cg22029806   | -0.018| 0.084 | CD47        |
| cg00634968   | 0.022 | 0.085 | PKHD1       |
| cg01053681   | -0.026| 0.085 | ZMIZ1       |
| cg01118541   | 0.019 | 0.085 |             |
| cg01347028   | 0.011 | 0.085 | TAF12       |
| cg04964562   | -0.016| 0.085 | PLCG1       |
| cg05526364   | -0.026| 0.085 | IFT122      |
| cg05878289   | -0.023| 0.085 | SORCS2      |
| cg06520014   | -0.016| 0.085 |             |
| cg07077978   | -0.027| 0.085 |             |
| cg15412087   | -0.023| 0.085 | OAF         |
| cg16229161   | -0.019| 0.085 | TNK2        |
| cg25119743   | -0.024| 0.085 | CUGBP2      |
| cg00415704   | -0.025| 0.086 | RGMA        |
| cg00726470   | -0.016| 0.086 |             |
| cg01800445   | -0.035| 0.086 | PRDM16      |
| cg12863924   | -0.026| 0.086 |             |
| cg13153666   | -0.022| 0.086 |             |
| cg18069081   | -0.024| 0.086 | GPR39       |
| cg03272941   | -0.019| 0.086 | RHOJ        |
| cg17823326   | -0.016| 0.086 | NUBPL       |
| cg24186251   | -0.023| 0.086 | SH3RF3      |
| cg26915329   | 0.023 | 0.086 |             |
| cg02986801   | -0.019| 0.086 | ST3GAL1     |
| cg26051775   | -0.019| 0.087 | CAPN2       |
| cg25307778   | -0.021| 0.088 | ERI1        |
| cg00813147   | 0.019 | 0.088 | AMOTL2      |
| cg15763706   | -0.026| 0.089 | SRGAP3      |
| cg08589214   | -0.023| 0.089 | CAPN10      |
| cg12441066   | -0.025| 0.089 | MSI2        |
| cg          | Beta   | P-value | Gene       |
|-------------|--------|---------|------------|
| cg14597213  | -0.021 | 0.089   | AHCYL1     |
| cg20988960  | -0.030 | 0.089   | PRDM16     |
| cg25619978  | 0.016  | 0.089   | TRPC7      |
| cg19055270  | 0.059  | 0.089   |            |
| cg02133510  | -0.022 | 0.091   | TNXB       |
| cg05026881  | 0.011  | 0.091   | TPSG1      |
| cg05112420  | -0.023 | 0.091   | BCR        |
| cg05747038  | -0.019 | 0.091   | GLIS3      |
| cg07714715  | -0.026 | 0.091   | DENND1A    |
| cg13691436  | -0.023 | 0.091   | FRMD4A     |
| cg14229175  | -0.038 | 0.091   | IMPA2      |
| cg22177068  | -0.028 | 0.091   | ATP13A4-AS1; ATP13A4 |
| cg22738000  | -0.014 | 0.091   | RASSF4     |
| cg25456772  | 0.016  | 0.091   | RAB3IP     |
| cg13302567  | -0.025 | 0.093   | MAD1L1     |
| cg04844692  | -0.020 | 0.093   | C12orf49   |
| cg25122824  | -0.017 | 0.093   | MAD1L1     |
| cg26489368  | -0.022 | 0.093   | NKD2       |
| cg07580832  | -0.021 | 0.094   | MSI2       |
| cg08067895  | -0.023 | 0.094   | CDX1       |
| cg09185640  | -0.018 | 0.094   | CORO2B     |
| cg09509365  | -0.020 | 0.094   | PRDM16     |
| cg09761288  | -0.023 | 0.094   |            |
| cg09792192  | -0.017 | 0.094   | AHCYL2     |
| cg13547132  | -0.019 | 0.094   |            |
| cg16326073  | -0.019 | 0.094   | PRR5       |
| cg07410783  | -0.024 | 0.096   | CLEC16A    |
| cg14583999  | -0.030 | 0.096   | TMEM111    |
| cg17876641  | -0.025 | 0.096   | KIF21B     |
| cg00305491  | -0.026 | 0.096   | WWC1       |
| cg05005073  | -0.034 | 0.097   |            |
| cg05318384  | 0.021  | 0.098   |            |
| cg08441850  | 0.030  | 0.098   | IKZF3      |
| cg05912181  | -0.018 | 0.098   | LOC100506497 |
| cg13904892  | -0.018 | 0.098   | C15orf62; DNAJC17 |
| cg01419991  | -0.022 | 0.098   | TRIB1      |
| cg05808227  | -0.023 | 0.099   |            |
| cg02743070  | -0.018 | 0.099   | ZMIZ1      |
| cg24699097  | -0.016 | 0.100   | RAB11FIP4  |