

Table ST1 – SNPs characteristics

Gene	SNP	Chromosome	Position ^a	MM ^b	Mm ^c	mm ^d	MAF ^e	MAF TSI ^f	Call Rate (%) ^g	Type of variant ^h
<i>SLC2A1</i>	rs11537641	1	42930743	GG (865)	GA (498)	AA (2)	0.18 (A)	0.17 (A)	98.13	Synonym variant
<i>SLC2A1</i>	rs3820546	1	42932414	AA (412)	AG (680)	GG (292)	0.48 (G)	0.47 (G)	99.50	Intronic variant
<i>SLC2A1</i>	rs3820548	1	42932725	GG (620)	GA (600)	AA (116)	0.31 (A)	0.26 (A)	96.05	Intronic variant
<i>SLC2A1</i>	rs3768029	1	42933316	CC (434)	CT (697)	TT (247)	0.43 (T)	0.48 (T)	99.07	Intronic variant
<i>SLC2A1</i>	rs841853	1	42935767	CC (565)	CA (646)	AA (163)	0.35 (A)	0.35 (A)	98.78	Intronic variant
<i>SLC2A1</i>	rs841852	1	42935828	CC (795)	CT (449)	TT (58)	0.22 (T)	0.19 (T)	93.60	Intronic variant
<i>SLC2A1</i>	rs841847	1	42937037	CC (697)	CT (576)	TT (113)	0.29 (T)	0.25 (T)	99.64	Intronic variant
<i>SLC2A1</i>	rs1105297	1	42945925	GG (559)	GA (624)	AA (197)	0.37 (A)	0.33 (A)	99.21	Intronic variant
<i>SLC2A1</i>	rs710222	1	42947982	AA (404)	AG (683)	GG (293)	0.46 (G)	0.41 (G)	99.21	Intronic variant
<i>SLC2A1</i>	rs7522674	1	42951110	CC (832)	CT (447)	TT (56)	0.21 (T)	0.17 (T)	95.97	Intronic variant
<i>SLC2A1</i>	rs7519412	1	42967799	GG (659)	GA (598)	AA (125)	0.31 (A)	0.26 (A)	99.35	Intronic variant
<i>SLC2A1</i>	rs841858	1	42933496	GG (915)	GT (418)	TT (43)	0.18 (T)	0.16 (T)	98.92	Intronic variant
<i>SLC2A1</i>	rs710216	1	42963086	AA (853)	AG (466)	GG (65)	0.22 (G)	0.20 (G)	99.50	Intronic variant
<i>SLC2A1</i>	rs11210769	1	42963672	CC (1083)	CT (255)	TT (13)	0.10 (T)	0.10 (T)	97.12	Intronic variant
<i>SLC2A2</i>	rs5398	3	170998041	GG (625)	GA (619)	AA (134)	0.32 (A)	0.31 (A)	99.07	Missense variant
<i>SLC2A2</i>	rs11924648	3	171000207	AA (966)	AG (382)	GG (42)	0.17 (G)	0.16 (G)	99.93	Intronic variant
<i>SLC2A2</i>	rs28720688	3	171011340	AA (1008)	AG (350)	GG (29)	0.15 (G)	0.15 (G)	99.71	Intronic variant
<i>SLC6A2</i>	rs747107	16	55661809	CC (943)	CT (389)	TT (41)	0.17 (T)	0.11 (T)	98.71	Intronic variant
<i>SLC6A2</i>	rs40519	16	55664156	GG (974)	GC (359)	CC (32)	0.15 (C)	0.17 (C)	98.13	Intronic variant
<i>SLC6A2</i>	rs40434	16	55665613	AA (512)	AG (667)	GG (204)	0.39 (G)	0.44 (G)	99.42	Intronic variant
<i>SLC6A2</i>	rs36026	16	55670883	CC (1055)	CA (297)	AA (23)	0.13 (A)	0.14 (A)	98.85	Intronic variant
<i>SLC6A2</i>	rs62028846	16	55678618	CC (984)	CT (370)	TT (33)	0.16 (T)	0.13 (T)	99.71	Intronic variant

Gene	SNP	Chromosome	Position ^a	MM ^b	Mm ^c	mm ^d	MAF ^e	MAF TSI ^f	Call Rate (%) ^g	Type of variant ^h
<i>SLC6A2</i>	rs1814269	16	55683116	GG (423)	GA (680)	AA (286)	0.45 (A)	0.46 (A)	99.86	Intronic variant
<i>SLC6A2</i>	rs13330300	16	55684686	GG (936)	GA (396)	AA (56)	0.18 (A)	0.14 (A)	99.78	Intronic variant
<i>SLC6A2</i>	rs9939709	16	55690921	GG (994)	GT (354)	TT (33)	0.15 (T)	0.12 (T)	99.28	Intronic variant
<i>SLC6A2</i>	rs1566652	16	55695212	GG (482)	GT (667)	TT (233)	0.41 (T)	0.43 (T)	99.35	Intronic variant
<i>SLC6A2</i>	rs1800887	16	55699677	TT (848)	TC (453)	CC (83)	0.22 (C)	0.17 (C)	99.50	Intronic variant
<i>SLC6A2</i>	rs6499773	16	55705094	TT (946)	TA (389)	AA (39)	0.17 (A)	0.13 (A)	98.78	3' UTR
<i>SLC6A2</i>	rs12923720	16	55658891	CC (1208)	CT (173)	TT (3)	0.07 (T)	0.07 (T)	99.50	Intronic variant
<i>SLC6A2</i>	rs1532701	16	55664115	AA (457)	AG (670)	GG (256)	0.43 (G)	0.38 (G)	99.42	Intronic variant
<i>SLC6A2</i>	rs28618083	16	55664751	TT (571)	TC (628)	CC (186)	0.36 (C)	0.30 (C)	99.57	Intronic variant
<i>SLC6A2</i>	rs187715	16	55670130	TT (1257)	TC (127)	CC (3)	0.05 (C)	0.06 (C)	99.71	Intronic variant
<i>SLC6A2</i>	rs16955591	16	55679874	CC (1026)	CT (340)	TT (22)	0.14 (T)	0.10 (T)	99.78	Intronic variant
<i>SLC6A2</i>	rs12446977	16	55684677	AA (650)	AG (578)	GG (156)	0.32 (G)	0.36 (G)	99.50	Intronic variant
<i>SLC6A2</i>	rs2279805	16	55695212	CC (374)	CT (664)	TT (325)	0.48 (T)	0.47 (T)	97.99	Intronic variant
<i>SLC6A2</i>	rs36007	16	55701626	CC (1162)	CT (165)	TT (9)	0.07 (T)	0.06 (T)	96.05	Intronic variant

^a Position in base-pairs (GRCh38.p13); ^b homozygous subjects for the major allele; ^c heterozygous subjects; ^d homozygous subjects for the minor allele; ^e minor allele frequency calculated within our dataset; ^f minor allele frequency according to 1000 Genomes for the TSI population; ^g Genotyping call rate; ^h functional consequence of the variant within the gene region.

Table ST2 – Association between SNPs and response to the therapy (logistic regression 1)

SNP	EA	NEA	Allelic model		Dominant model	
			OR (95% CI)	p-value	OR (95% CI)	p-value
<i>SLC2A1</i> -rs1105297	G	A	1.38 (1.03-1.87)	0.036	1.47 (0.98-2.20)	0.063
<i>SLC2A1</i> -rs11210769	C	T	1.85 (1.10-3.32)	0.028	1.82 (1.05 - 3.32)	0.039
<i>SLC2A1</i> -rs11537641	G	A	1.77 (1.15-2.78)	0.012	1.76 (1.14-2.78)	0.012
<i>SLC2A1</i> -rs3768029	G	A	1.25 (0.94-1.68)	0.127	1.38 (0.88-2.20)	0.168
<i>SLC2A1</i> -rs3820546	G	A	1.33 (1.00-1.77)	0.047	1.67 (1.05-2.74)	0.036
<i>SLC2A1</i> -rs3820548	G	A	1.52 (1.10-2.13)	0.013	1.53 (1.01-2.30)	0.043
<i>SLC2A1</i> -rs710216	A	G	1.19 (0.78-1.35)	0.326	1.28 (0.84-1.93)	0.249
<i>SLC2A1</i> -rs710222	A	G	1.02 (0.78-1.35)	0.873	1.09 (0.71-1.68)	0.689
<i>SLC2A1</i> -rs7519412	T	G	0.91 (0.65-1.24)	0.545	0.84 (0.56-1.26)	0.393
<i>SLC2A1</i> -rs7522674	T	C	1.11 (0.77-1.57)	0.574	1.01 (0.66-1.54)	0.959
<i>SLC2A1</i> -rs841847	C	T	1.13 (0.81-1.55)	0.464	1.33 (0.88-2.00)	0.175
<i>SLC2A1</i> -rs841852	A	G	1.04 (0.72-1.49)	0.824	0.95 (0.62-1.46)	0.826
<i>SLC2A1</i> -rs841853	C	T	1.03 (0.75-1.40)	0.855	1.06 (0.71-1.62)	0.774
<i>SLC2A1</i> -rs841858	T	C	0.83 (0.56-1.20)	0.328	0.78 (0.50-1.19)	0.252
<i>SLC2A2</i> -rs11924648	C	T	1.01 (0.69-1.45)	0.960	1.09 (0.71-1.67)	0.685
<i>SLC2A2</i> -rs28720688	G	A	0.90 (0.57-1.38)	0.632	0.95 (0.59-1.50)	0.842
<i>SLC2A2</i> -rs5398	T	C	0.91 (0.66-1.25)	0.562	0.92 (0.61-1.39)	0.691
<i>SLC6A2</i> -rs12446977	A	C	1.35 (1.01-1.80)	0.041	1.58 (1.05-2.38)	0.029
<i>SLC6A2</i> -rs12923720	T	C	0.67 (0.33-1.23)	0.226	0.67 (0.33-1.26)	0.245
<i>SLC6A2</i> -rs13330300	G	A	1.41 (0.96-2.15)	0.094	1.42 (0.90-2.29)	0.143
<i>SLC6A2</i> -rs1532701	A	G	0.78 (0.58-1.04)	0.090	0.67 (0.44-1.02)	0.056
<i>SLC6A2</i> -rs1566652	G	A	1.09 (0.81-1.45)	0.571	1.26 (0.82-1.98)	0.299
<i>SLC6A2</i> -rs16955591	G	C	1.03 (0.67-1.54)	0.889	1.02 (0.64-1.58)	0.945
<i>SLC6A2</i> -rs1800887	A	G	1.20 (0.85-1.72)	0.323	1.16 (0.56-1.31)	0.493
<i>SLC6A2</i> -rs1814269	T	C	0.94 (0.71-1.24)	0.651	0.95 (0.62-1.48)	0.822
<i>SLC6A2</i> -rs187715	T	A	0.83 (0.40-1.54)	0.571	0.77 (0.35-1.52)	0.473
<i>SLC6A2</i> -rs2279805	G	A	1.16 (0.88-1.53)	0.296	1.54 (0.97-2.51)	0.072
<i>SLC6A2</i> -rs28618083	G	A	0.88 (0.65-1.17)	0.372	0.85 (0.57-1.28)	0.443
<i>SLC6A2</i> -rs36007	C	T	0.90 (0.48-1.58)	0.736	0.94 (0.49-1.70)	0.848

SNP	EA	NEA	Allelic model		Dominant model	
			OR (95% CI)	p-value	OR (95% CI)	p-value
<i>SLC6A2</i> -rs36026	A	G	1.11 (0.71-1.68)	0.644	1.00 (0.61-1.60)	0.997
<i>SLC6A2</i> -rs40434	T	C	1.30 (0.97-1.75)	0.075	1.24 (0.81-1.91)	0.326
<i>SLC6A2</i> -rs40519	T	C	1.00 (0.66-1.48)	0.997	0.93 (0.59-1.45)	0.753
<i>SLC6A2</i> -rs62028846	T	C	1.03 (0.69-1.52)	0.876	1.00 (0.64-1.53)	0.998
<i>SLC6A2</i> -rs6499773	A	C	0.86 (0.58-1.26)	0.461	0.84 (0.53-1.31)	0.450
<i>SLC6A2</i> -rs747107	T	G	0.84 (0.56-1.24)	0.400	0.84 (0.53-1.30)	0.439
<i>SLC6A2</i> -rs9939709	T	G	0.76 (0.49-1.16)	0.221	0.76 (0.46-1.22)	0.274

The table reports the results of the association analysis of the logistic regression model comparing non-responding newborns (ABC score > 0) with newborns responding to the therapy (ABC score = 0).

a – Effect allele (allele affecting the risk of not responding to the therapy compared to the non-effect allele); b – Non-effect allele (allele considered as baseline).

Table ST3 – Association between SNPs and response to the therapy (logistic regression 2)

SNP	EA ^a	NEA ^b	Allelic model		Dominant model	
			OR (95% CI)	p-value	OR (95% CI)	p-value
<i>SLC2A1</i> -rs1105297	G	A	3.98 (1.95-9.17)	4.05x10 ⁻⁴	4.18 (1.88-10.10)	7.17x10 ⁻⁴
<i>SLC2A1</i> -rs11210769	C	T	4.69 (1.30-33.33)	0.050	4.85 (1.30-34.48)	0.048
<i>SLC2A1</i> -rs11537641	G	A	3.15 (1.26-9.62)	0.024	3.15 (1.26-9.62)	0.024
<i>SLC2A1</i> -rs3768029	G	A	1.62 (0.95-2.82)	0.081	1.83 (0.77-5.10)	0.203
<i>SLC2A1</i> -rs3820546	G	A	1.27 (0.75-2.17)	0.377	1.93 (0.80-5.52)	0.174
<i>SLC2A1</i> -rs3820548	G	A	1.31 (0.73-2.46)	0.381	1.32 (0.60-2.85)	0.484
<i>SLC2A1</i> -rs710216	A	G	2.99 (1.23-7.27)	0.016	3.06 (1.21-7.73)	0.018
<i>SLC2A1</i> -rs710222	A	G	1.66 (0.97-2.84)	0.065	2.54 (1.19-5.42)	0.016
<i>SLC2A1</i> -rs7519412	T	G	0.75 (0.39-1.37)	0.371	0.70 (0.32-1.50)	0.361
<i>SLC2A1</i> -rs7522674	T	C	1.08 (0.54-2.06)	0.813	0.95 (0.42-2.04)	0.897
<i>SLC2A1</i> -rs841847	C	T	1.19 (0.63-2.18)	0.587	1.46 (0.68-3.18)	0.332
<i>SLC2A1</i> -rs841852	A	G	0.77 (0.35-1.54)	0.485	0.72 (0.29-1.63)	0.444
<i>SLC2A1</i> -rs841853	C	T	0.94 (0.50-1.72)	0.848	1.00 (0.46-2.22)	0.992
<i>SLC2A1</i> -rs841858	T	C	0.45 (0.17-1.02)	0.078	0.45 (0.16-1.08)	0.094
<i>SLC2A2</i> -rs11924648	C	T	1.19 (0.60-2.20)	0.600	1.36 (0.60-2.94)	0.443
<i>SLC2A2</i> -rs28720688	G	A	1.31 (0.59-2.66)	0.481	1.48 (0.64-3.28)	0.341
<i>SLC2A2</i> -rs5398	T	C	1.14 (0.64-1.99)	0.642	1.10 (0.52-2.37)	0.806
<i>SLC6A2</i> -rs12446977	A	C	1.96 (1.16-3.33)	0.012	2.76 (1.25-6.61)	0.016
<i>SLC6A2</i> -rs12923720	T	C	0.84 (0.24-2.24)	0.755	0.87 (0.24-2.40)	0.800
<i>SLC6A2</i> -rs13330300	G	A	3.28 (1.31-11.11)	0.025	3.42 (1.28-12.05)	0.027
<i>SLC6A2</i> -rs1532701	A	G	0.76 (0.44-1.31)	0.334	0.76 (0.36-1.68)	0.485

SNP	EA ^a	NEA ^b	Allelic model		Dominant model	
			OR (95% CI)	p-value	OR (95% CI)	p-value
<i>SLC6A2</i> -rs1566652	G	A	0.98 (0.56-1.69)	0.949	1.11 (0.51-2.60)	0.799
<i>SLC6A2</i> -rs16955591	G	C	0.54 (0.18-1.29)	0.210	0.55 (0.18-1.39)	0.240
<i>SLC6A2</i> -rs1800887	A	G	0.46 (0.19-0.95)	0.057	0.38 (0.14-0.90)	0.039
<i>SLC6A2</i> -rs1814269	T	C	0.86 (0.49-1.47)	0.577	0.81 (0.37-1.84)	0.595
<i>SLC6A2</i> -rs187715	T	A	0.28 (0.02-1.32)	0.216	0.28 (0.02-1.38)	0.215
<i>SLC6A2</i> -rs2279805	G	A	1.26 (0.75-2.12)	0.388	1.55 (0.67-4.06)	0.330
<i>SLC6A2</i> -rs28618083	G	A	0.80 (0.45-1.38)	0.438	0.80 (0.38-1.71)	0.564
<i>SLC6A2</i> -rs36007	C	T	0.70 (0.16-2.08)	0.569	0.70 (0.16-2.14)	0.582
<i>SLC6A2</i> -rs36026	A	G	0.71 (0.26-1.63)	0.457	0.58 (0.19-1.46)	0.281
<i>SLC6A2</i> -rs40434	T	C	1.77 (1.02-3.13)	0.045	2.13 (0.91-5.67)	0.101
<i>SLC6A2</i> -rs40519	T	C	0.44 (0.15-1.07)	0.098	0.44 (0.14-1.10)	0.106
<i>SLC6A2</i> -rs62028846	T	C	0.61 (0.23-1.38)	0.271	0.62 (0.23-1.46)	0.302
<i>SLC6A2</i> -rs6499773	A	C	0.48 (0.18-1.05)	0.097	0.39 (0.13-0.97)	0.062
<i>SLC6A2</i> -rs747107	T	G	1.17 (0.56-2.24)	0.662	1.22 (0.53-2.69)	0.627
<i>SLC6A2</i> -rs9939709	T	G	0.37 (0.11-0.92)	0.060	0.36 (0.10-0.98)	0.069

The table reports the results of the association analysis of the logistic regression model comparing non-responding newborns with a high ABC score (ABC score > 4) with newborns responding to the therapy (ABC score = 0).

a – Effect allele (allele affecting the risk of not responding to the therapy compared to the non-effect allele); b – Non-effect allele (allele considered as baseline).

Table ST4 – Association between SNPs and response to the therapy (ordered logistic regression)

SNP	EA ^a	NEA ^b	Allelic model		Dominant model	
			OR (95% CI)	p-value	OR (95% CI)	p-value
<i>SLC2A1</i> -rs1105297	G	A	1.40 (1.04-1.89)	0.026	1.51 (1.01-2.25)	0.045
<i>SLC2A1</i> -rs11210769	C	T	1.83 (1.06-3.13)	0.029	1.81 (1.03-3.17)	0.029
<i>SLC2A1</i> -rs11537641	G	A	1.78 (1.15-2.78)	0.009	1.78 (1.15-2.75)	0.013
<i>SLC2A1</i> -rs3768029	G	A	1.28 (0.96-1.71)	0.093	1.42 (0.90-2.23)	0.686
<i>SLC2A1</i> -rs3820546	G	A	1.32 (0.99-1.32)	0.052	1.69 (1.05-2.73)	0.024
<i>SLC2A1</i> -rs3820548	G	A	0.67 (0.48-0.92)	0.015	0.67 (0.44-1.00)	0.049
<i>SLC2A1</i> -rs710216	A	G	1.22 (0.87-1.73)	0.248	1.31 (0.87-1.98)	0.143
<i>SLC2A1</i> -rs710222	A	G	1.01 (0.77-1.33)	0.922	1.15 (0.57-1.34)	0.075
<i>SLC2A1</i> -rs7519412	T	G	0.90 (0.65-1.23)	0.507	0.84 (0.56-1.26)	0.376
<i>SLC2A1</i> -rs7522674	T	C	1.09 (0.77-1.55)	0.627	1.00 (0.66-1.53)	0.889
<i>SLC2A1</i> -rs841847	C	T	1.12 (0.82-1.55)	0.472	1.34 (0.89-2.01)	0.455
<i>SLC2A1</i> -rs841852	A	G	1.01 (0.71-1.45)	0.945	0.93 (0.61-1.43)	0.913
<i>SLC2A1</i> -rs841853	C	T	1.02 (0.75-1.39)	0.89	1.07 (0.71-1.62)	0.374
<i>SLC2A1</i> -rs841858	T	C	0.81 (0.56-1.18)	0.276	0.76 (0.50-1.70)	0.065
<i>SLC2A2</i> -rs11924648	C	T	1.01 (0.69-1.46)	0.973	1.09 (0.71-1.67)	0.473
<i>SLC2A2</i> -rs28720688	G	A	0.92 (0.59-1.42)	0.702	0.98 (0.62-1.55)	0.927
<i>SLC2A2</i> -rs5398	T	C	0.91 (0.66-1.26)	0.569	0.92 (0.62-1.38)	0.811
<i>SLC6A2</i> -rs12446977	A	C	1.37 (1.03-1.82)	0.031	1.60 (1.07-2.40)	0.906
<i>SLC6A2</i> -rs12923720	T	C	0.67 (0.35-1.29)	0.232	0.68 (0.35-1.32)	0.132
<i>SLC6A2</i> -rs13330300	G	A	1.41 (0.93-2.08)	0.099	1.42 (0.89 – 2.26)	0.031
<i>SLC6A2</i> -rs1532701	A	G	0.79 (0.60-1.05)	0.106	0.69 (0.46-1.04)	0.049

SNP	EA ^a	NEA ^b	Allelic model		Dominant model	
			OR (95% CI)	p-value	OR (95% CI)	p-value
<i>SLC6A2</i> -rs1566652	G	A	1.06 (0.80-1.41)	0.686	1.22 (0.79-1.88)	0.283
<i>SLC6A2</i> -rs16955591	G	C	0.99 (0.66-1.48)	0.948	0.97 (0.62-1.51)	0.647
<i>SLC6A2</i> -rs1800887	A	G	0.84 (0.59-1.19)	0.322	0.85 (0.56-1.30)	0.700
<i>SLC6A2</i> -rs1814269	T	C	0.92 (0.69-1.22)	0.558	0.91 (0.59-1.40)	0.887
<i>SLC6A2</i> -rs187715	T	A	0.77 (0.40-1.49)	0.446	0.72 (0.35-1.48)	0.425
<i>SLC6A2</i> -rs2279805	G	A	1.18 (0.89-1.55)	0.249	1.56 (0.97-2.49)	0.192
<i>SLC6A2</i> -rs28618083	G	A	0.88 (0.66-1.18)	0.392	0.86 (0.58-1.29)	0.532
<i>SLC6A2</i> -rs36007	C	T	0.89 (0.50-1.61)	0.706	0.93 (0.50-1.71)	0.552
<i>SLC6A2</i> -rs36026	A	G	1.06 (0.70-1.61)	0.784	0.97 (0.61-1.56)	0.396
<i>SLC6A2</i> -rs40434	T	C	1.32 (0.99-1.77)	0.060	1.26 (0.83-1.92)	0.987
<i>SLC6A2</i> -rs40519	T	C	0.96 (0.65-1.42)	0.838	0.90 (0.58-1.41)	0.156
<i>SLC6A2</i> -rs62028846	T	C	1.00 (0.68-1.48)	0.990	0.97 (0.63-1.49)	0.739
<i>SLC6A2</i> -rs6499773	A	C	0.86 (0.58-1.27)	0.446	0.84 (0.54-1.30)	0.734
<i>SLC6A2</i> -rs747107	T	G	0.87 (0.59-1.29)	0.492	0.88 (0.56-1.36)	0.214
<i>SLC6A2</i> -rs9939709	T	G	0.76 (0.50-1.17)	0.219	0.76 (0.47-1.24)	0.275

The table reports the results of the association analysis of the ordered logistic regression model comparing newborns within each ABC score category with those within the next category, under the proportional odds assumption.

a – Effect allele (allele affecting the risk of not responding to the therapy compared to the non-effect allele); b – Non-effect allele (allele considered as baseline).

Table ST5 – Functional characterization of the SNPs

SNP	Gene	GTEx		RegulomeDB			HaploReg	CADD
		eQTL – Target gene ^a	eQTL – Tissue ^b	rank ^c	score ^d	Chromatine state ^e	Chromatine state ^f	CADD PHRED score
rs1105297	<i>SLC2A1</i>	<i>SLC2A1-AS1</i> <i>SLC2A1-AS1</i>	Caudate nucleus Putamen	5	1	Enhancer activity	Enhancer activity	0.261
rs11210769	<i>SLC2A1</i>	-	-	2b	0.8	Enhancer activity	Enhancer activity	5.537
rs11537641	<i>SLC2A1</i>	-	-	4	0.61	Strong transcription	Enhancer activity	29.50
rs12446977	<i>SLC6A2</i>	-	-	5	0.59	Quiescent/Low activity	-	2.341

The table reports the functional characterization of the most relevant SNPs.

^a – It indicates the gene whose expression is altered by the SNP in the first column.

^b - It indicates the tissue in which the SNP (first column) affects the expression of the target gene (third column). For simplicity purposes, only the eQTL data in brain structures relevant for this study are reported.

^c – The rank indicates a category based on experimental data supporting a functional activity of the SNP.

^d – The score indicates a probability for the SNP to be a regulatory variant.

^e - It indicates the chromatinic state basing on RegulomeDB data.

^f - It indicates the chromatinic state according to HaploReg database.