

Effect of CYP2D6 and ABCB1 polymorphisms on pharmacokinetics and efficacy of aripiprazole in pediatric tic disorders

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Table S3 Effect of CYP2D6 and ABCB1 polymorphisms on pharmacodynamics of ARI

SNP	Genotype	Non-responders	Responders	Chi-square value	P value
CYP2D6(G>C) rs1135840	GG	4	9	0.336	0.845
	GC	10	23		
	CC	4	6		
CYP2D6*41(C>T)rs28371725	CC	18	36	0.049	0.826
	CT	0	2		
CYP2D6(G>A) rs16947	GG	11	27	0.553	0.457
	GA	7	11		
CYP2D6*4(C>T) rs3892097	CC	18	37	0.000	1.000
	CT	0	1		
CYP2D6*14(C>T) rs5030865	CC	15	33	0.000	1.000
	CT	3	5		
CYP2D6(G>C) rs1058164	CC	4	1	5.856	0.053
	GC	6	12		
	GG	8	25		
CYP2D6(G>C) rs28371705	GG	18	37	0.000	1.000
	GC	0	1		
CYP2D6(G>T) rs28371703	GG	18	37	0.000	1.000
	GT	0	1		
CYP2D6(A>C) rs28371702	AA	4	1	5.856	0.053
	CA	6	12		
	CC	8	25		
CYP2D6(C>G) rs29001518	CC	11	25	2.315	0.314
	CG	6	13		
	GG	1	0		
CYP2D6(C>G) rs1080995	GG	17	38	0.149	0.700
	CG	1	0		
CYP2D6(C>T) rs1065852	CC	10	3	17.753	<0.001†
	CT	2	20		
	TT	6	15		
CYP2D6*35(C>T) rs769258	CC	18	37	0.000	1.000
	TC	0	1		
CYP2D6(C>T) rs1080989	CC	9	3	15.322	<0.001†
	CT	3	23		
	TT	6	12		
CYP2D6(G>C) rs1080985	CC	1	0	3.085	0.214
	CG	6	9		
	GG	11	29		
ABCB1(C3435T) rs1045642	TT	1	4	1.893	0.365
	CT	5	21		
	CC	9	16		
ABCB1(G2677T/A)rs2032582	TT	1	2	1.780	0.854

CA	7	19
CC	3	6
AT	0	4
CT	4	10

P-value<0.05 indicates statistical significanc