

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

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Table S1 The results of Hardy-Weinberg testing

SNP	Genotype	Cases (n)	P value	Chi-square value	whether it meets HWE
CYP2D6*10(G>C) rs1135840	GG	18	0.13	2.34	Yes
	GC	49			
	CC	17			
CYP2D6*51(T>G) rs72549348	TT	84	-	-	-
CYP2D6*41(C>T) rs28371725	CT	6	0.73	0.12	Yes
	CC	78			
CYP2D6*2(G>A) rs16947	GG	56	0.15	2.05	Yes
	GA	28			
CYP2D6*9(CTT>del) rs5030656	CTT	84	-	-	-
CYP2D6*54(G>A) rs267608297	GG	84	-	--	-
CYP2D6*3(T>del) rs35742686	TT	84	-	-	-
CYP2D6*33(C>A) rs28371717	CC	83	0.96	0.003	Yes
	AA	1			
CYP2D6*4(C>T) rs3892097	CC	83	0.96	0.003	Yes
	CT	1			
CYP2D6*14(C>T) rs5030865	CC	68	0.33	0.93	Yes
	CT	16			
CYP2D6*6(A>del) rs5030655	AA	84	-	-	-
CYP2D6*10(G>C) rs1058164	GG	47	0.27	1.21	Yes
	GC	29			
	CC	8			
CYP2D6*49(A>T) rs1135822	AA	82	0.91	0.01	Yes
	TA	2			
CYP2D6*69(T>C) rs267608289	TT	84	-	-	-
CYP2D6*17(G>A) rs28371706	GG	84	-	-	-

CYP2D6(G>C) rs28371705	GG	83	0.96	0.003	Yes
	GC	1			
CYP2D6(G>T) rs28371703	GG	82	0.91	0.01	Yes
	GT	2			
CYP2D6(A>C) rs28371702	CC	50	0.11	2.56	Yes
	CA	26			
	AA	8			
CYP2D6(C>A) rs28371699	CC	8	0.02	5.33	No
	CA	22			
	AA	54			
CYP2D6(C>G) rs29001518	CC	54	0.86	0.03	Yes
	CG	27			
	GG	3			
CYP2D6(C>G) rs1080995	CG	1	0.96	0.003	Yes
	GG	83			
CYP2D6*10(C>T) rs10658 52	TT	30	0.10	2.69	Yes
	CT	34			
	CC	20			
CYP2D6*35(C>T) rs76925 8	TC	1	0.96	0.003	Yes
	CC	83			
CYP2D6(C>T) rs1080989	TT	25	0.70	0.15	Yes
	CT	40			
	CC	19			
CYP2D6*2(G>C) rs108098 5	CC	1	0.60	0.28	Yes
	CG	21			
	GG	62			
ABCB1(C3435T) rs104564 2	AA	8	0.25	0.25	Yes
	AG	39			
	GG	37			
ABCB1(G2677T) rs2032582	AA	7	0.08	8.39	Yes
	AT	7			
	AC	35			
	TT	0			
	TC	19			
	CC	16			

P-value>0.05 indicates in HWE; HWE, Hardy-Weinberg equilibrium (HWE)