

Table S1. Clinical phenotype of Dravet Syndrome (DS) cases, as described in studies on European populations with *SNC1A* mutations

[illegible]

(typical+atypical/
could be
either)Absence

seizures	1/168 (0.6%)	-	37 (55.2%)	-	-	1/11 (9.09%)	-	-	-	-	-
Status epilepticus at onset /in evolution	-	188/235 (80%)	52 (77.6%)	33/37 (89.19%)	7/15 (46.67%)	8/11 (72.73%)	-	-	5/14 (35.71%)	-	-
Electrophysiology											
-	38/88 (43.18%)			37/37 (100%)	-	-	-	-	-	-	-
interictal EEG											
Seizure-inducing factors											
Fever	134/167 (80.24%)	134/230 (58.26%)	58 (86.6%)	37/37 (100%)	17/17 (100%)	8/11 (72.73%)	-	-	7/14 (50%)	-	-
Infections	-	-	-	-	-	-	-	-	-	-	-
Vaccines	-	17/230 (7.39%)	-	-	-	-	-	-	-	-	-
Intellectual disability	-	-	63/67 (94.03%)	32/37 (86.48%)	6/10 (60%)	7/11 (63.64%)	80.5%	-	-	-	-
Global developmental delay	-	-	66/66 (100%)	-	4/16 (25%)	-	-	-	13/14 (92.85%)	-	-
Speech delay / no speech	-	-	31/58 (53.45%)		-	2/11 (18.19%)	54/91 (59.34%)	-	-	-	-
Behavioral issues	-	98/213 (46.01%)	-	21/37 (56,75%)	-	2/11 (18.19%)	NA	-	-	-	-
Motor delay	-	77/214 (35.98%)	66/66 (100%)	37/37 (100%)	1/14 (7,14%)	5/11 (45.45%)	57/91 (62.64%)	-	-	-	-
Abnormal brain MRI	-	22/200 (11%)	-	13/36	-	1/11 (9.09%)	-	-	-	-	-
Normal Brain MRI	-	0.89	-	23/36 (64%)	-	-	-	-	-	-	-

Brain atrophy	-	7/22 (31.82%)	-	5/36 (13.88%)	-	-	-	-	-	-	-
Familial history of seizures / epilepsy	111/199 (55.78%)	65/223 (29.15%)	25/67 (37.31%)	16/35 (46%)	-	4/11 (36.36%)	-	-	-	-	-
Genetic diagnosis method	direct sequencing; next gen amplicon sequencing, confirmed by Sanger sequencing; mutation negative samples - MLPA	standard sequencing; mutation negative samples - MLPA	direct sequencing; mutation negative samples - MLPA	DHPLC, MLPA	direct sequencing, MLPA	Sanger sequencing, segregation analysis	NA	NGS - various gene panels	custom-designed 104-gene epilepsy panel; Sanger sequencing and MLPA of 10 genes	fluorescence-based competitive allele-specific (KASPar) assay	NGS - clinical WGS

* for cases with SCN1A mutations

* for genetically diagnosed cases

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