

Table S2: Clinical characteristics of ASD (a) and ID (b) patients included in the study.

a) ASD

			Sex		Intellectual disability				
Total			Male	Female	severe 20<IQ<34	moderate 35<IQ<49	mild 50<IQ<69	normal IQ≥70	Unknown
ASD sample	SM	72	58	14	1	10	25	33	3
	Catania	22	21	1	2	3	2	4	11*
	Total	94	79	15	3	13	27	37	14

* 10 were assessed by PEP-R (QS score ranging from 16 to 55)

b)

Sex		Intellectual Disability			Epilepsy	ASD features		
Male	Female	Severe 20<IQ<34	Moderate 35<IQ<49	Mild 50<IQ<69		Impairments in verbal communication and social interaction; stereotyped behaviors	Social impairment	Stereotyped behaviors
22	15	12	14	11	17	3	5	7
Total= 37						Total=15		