

SUPPLEMENTARY TABLE 1

Clinical characteristics of subjects with autism

Subject number (ASD group)	Score on Autism Diagnostic Interview-Revised			
	Social Cutoff: 10	Communication Cutoff (V): 8 Cutoff (NV): 7	Restrictive and Repetitive Cutoff: 3	Early Abnormal Development Cutoff: 1
5144	28	20 (V), 12 (NV)	3	3
4021	22	14 (NV)	8	4
4029	20	8 (NV)	3	3
5308 [#]	17	14 (V), 14 (NV)	4	3
1182	***	***	***	***
AN01293 (B-6349)	26	12 (NV)	5	4
AN03221	27	16 (V)	8	5
AN03345 (B-6399)	14	9 (NV)	6	5
AN13872 (B-7002)	**	**	**	**
AN08873 ^{##} (B-5569)	22	14 (NV)	6	5

AN04682 (B-7079)	22	13 (V)	5	5
HSB4640 ^c	***	***	***	***
AN-06746 ^a (B-4541)	26	18 (V), 13 (NV)	6	5
AN-18892 ^b (B-4871)	18	14 (V)	6	3
AN-08792 ^c (B-5173)	22	12 (NV)	2*	5
AN-07770 (B-6232)	12	14 (V)	8	5
AN-11989 (B-6677)	26	22 (V)	12	5

Other diagnosed disorders included, ^a: schizophrenia; ^b: depression; ^c: seizures.

#: Neuropathologic examination of 5308 suggested possible hypercellular cortex with microdysgenesis, partially confirmed by the stereologic neuron density counts we conducted.

However, axon density and size were not affected.

##: Medical history and interviews indicate that this individual did not feel pain.

(V): verbal communication score; (NV): non-verbal communication score

*: score was below cutoff threshold due to physical limitations and poor motor skills of donor.

However, family members reported repetitive behaviors at a younger age. With this exception, which is not an unusual pattern in the behavioral domain, all donors had difficulties with

communication, social behaviors, and atypical interests, consistent with a diagnosis of autism, and the ADI-R scores met and exceeded cutoffs for autism in each of these areas.

** : Moderately autistic based on Childhood Autism Rating Scale, Autism Diagnostic Observation Schedule (ADOS), and ADI. Moderately autistic range: 34.5, communication: 6 (autism cutoff 4); reciprocal social interactions 7 (autism cutoff 7).

*** : Medical history indicates clinical ASD diagnoses, later confirmed by administration of ADI-R.