

Supplementary Table 1. Clinical and Neuropathological Characteristics of Human Sample

Population

Case	GA ^a (weeks)	PNA ^b (weeks)	PCA ^c (weeks)	PMI ^d (hours)	Gender	Cause of Death	Neuropathology
1	20	0	20	6	Male	Extreme prematurity	Normal Brain
2	20	0	20	24	Male	Severe IUGR ^e /Prematurity	Normal Brain
3	26	0	26	9	Female	Stillbirth	Normal Brain
4	24.4	2.5	26.9	6	Female	Congenital Heart Disease	Normal Brain
5	27	0	27	60	Male	Prematurity/Lung Immaturity	Normal Brain
6	29	0	29	24	Male	Prematurity/Lung Immaturity	DWMG ^f
7	29	3	32	22	Male	Necrotizing Enterocolitis	DWMG
8	31.5	2.5	34	17	Male	Necrotizing Enterocolitis	Normal Brain
9	37	0	37	NA ^g	Female	Hypoplastic Left Heart Syndrome	Normal Brain
10	38	0	38	20	Female	Hypoplastic Left Heart Syndrome	Normal Brain
11	40	14	54	NA	Male	Hypoplastic Left Heart Syndrome	Normal Brain
12	39	20	59	5	Female	Pulmonary Vein Stenosis	Normal Brain
13	33	104	137	12	Female	Pulmonary Vein Stenosis	Normal Brain
14	40	38 years	38 years	17	Male	Myelogenous Leukemia	Normal Brain
15	40	43years	43years	21.5	Female	Hodgkin Disease	Normal Brain

^a Gestational Age; ^b Postnatal Age; ^c Postconceptional Age; ^d Postmortem Interval; ^e Intrauterine Growth

Restriction; ^f Diffuse White Matter Gliosis; ^g Information Not Available.