

Supplemental Table 2. The Patients with No Significant Variants Detected

ID	Sex	Current Age (y)	Provisional Diagnosis	Clinical Features	Muscle Biopsy
14	M	9.1	CMP	Muscle weakness from 3 years of age. CK = 123.	Nonspecific
15	F	5.1	CMP	Muscle weakness from infancy. CK = 124.	CFTD
17	M	12.9	CMD or CMP	Floppy infant. Scoliosis. Ankle Contracture.	Not available
26	M	4.2	LGMD	Muscle weakness from 2 years of age. Calf hypertrophy. CK = 817.	Necrotic and regenerating process.
27	F	8.1	UCMD	Global developmental delay with hyperextensibility from birth. CK = 68.	Nonspecific
35	M	6.1	LGMD	Calf hypertrophy. CK = 10222.	Necrotic and regenerating process.
42	M	14.9	CMD	Muscle weakness from infancy. Polymicrogyria. CK = 415.	Necrotic and regenerating process.
43	F	5.2	CMP	Muscle weakness from 3 years of age. CK = 106.	CFTD
44	M	2.8	CMP	Floppy infant. CK = 60.	Nonspecific
45	M	9.1	LGMD	Muscle weakness from 3-4 years of age. CK = 507.	Nonspecific
51	M	8.9	LGMD	Muscle weakness from 3-4 years of age. Calf hypertrophy. Cataracts. CK = 3217.	Nonspecific