

Table S1. Biopsies and Myoblasts

Sample	Type	Patient	Tissue	Age	Sex	D4Z4 repeats	Reference
Na	BIO	NO1220	paravertebral	16	M	ND	This study
Nb	BIO	NO44	quadriceps	29	M	ND	this study
Nc	BIO	#C1	quadriceps	39	M	ND	[1]
Nd	BIO	#C3	quadriceps	24	M	ND	[1]
Ne	BIO	#C4	quadriceps	35	M	ND	[1]
Fa	BIO	DLapFSHD	biceps	53	M	9	this study
Fb	BIO	FSHD10	trapezius	31	M	5	this study
Fc	BIO	FSHD 5734	trapezius	31	M	5	this study
Fd	BIO	FSHD 22646	semi-spinalis cervicis	31	F	3	this study
Fe	BIO	#F1	quadriceps	43	F	8	[1]
Ff	BIO	#F2	quadriceps	21	F	8	[1]
Fg	BIO	#F3	quadriceps	38	M	7	[1]
Fh	BIO	#F4	quadriceps	39	F	7	[1]
Fi	BIO	#F8	quadriceps	51	F	5	[1]
Fj	BIO	#F9	quadriceps	51	M	5	[1]
Fk	BIO	#F10	quadriceps	53	F	5/7	[1]
N1	MB, MT	NO46	quadriceps	31	M	ND	this study
N2	MB, MT	NO44	quadriceps	29	M	ND	this study
N3	MB, MT	NO40	quadriceps	46	M	ND	this study
N4	MB, MT	NO47	quadriceps	43	M	ND	this study
N5	MB, MT	NO42	quadriceps	24	F	ND	this study
N6	MT	#C3	quadriceps	24	M	ND	[1]
N7	MT	#C4	quadriceps	35	M	ND	[1]
F1	MB, MT	FSHD10	trapezius	31	M	5	this study
F2	MB, MT	MO44	pyramidal	54	F	5/7	this study
F3	MB, MT	MO47	quadriceps	38	F	7	this study
F4	MB, MT	MO54	quadriceps	25	M	4	this study
F5	MB	MO43	infra-spinatus	41	M	FSHD-like	this study
F6	MB	MO37	quadriceps	42	F	8	this study
F7	MT	#F1	quadriceps	43	F	8	[1]
F8	MT	#F3	quadriceps	38	M	7	[1]
F9	MT	#F2	quadriceps	21	F	8	[1]
F10	MT	#F7	trapezius	31	M	5	[1]

BIO: muscle biopsies; MB: Myoblasts; MT: Myotubes; ND: non-determined number of D4Z4 repeats.

1. Ansseau, E., et al., *DUX4c is up-regulated in FSHD. It induces the MYF5 protein and human myoblast proliferation*. PLoS One, 2009. 4(10): p. e7482.