

	Immunofluorescence											
	Triceps		Quadriceps		Diaphragm		Gastroc		TA		Heart	
ID	Mean ± SD	CV%	Mean ± SD	CV%	Mean ± SD	CV%	Mean ± SD	CV%	Mean ± SD	CV%	Mean ± SD	CV%
mdx-1	78.34 ± 2.98	3.8	29.47 ± 2.68	12.5	15.34 ± 1.00	6.6	6.72 ± 4.15	61.8	12.66 ± 0.91	7.2	0.39 ± 0.02	4.0
mdx-2	33.65 ± 10.94	32.5	5.38 ± 2.19	40.8	4.52 ± 0.92	20.3	23.60 ± 13.57	57.5	6.70 ± 2.15	47.1	0.04 ± 0.002	5.2
mdx-3	26.88 ± 4.61	17.1	3.56 ± 1.85	52.0	8.50 ± 2.91	34.2	2.79 ± 0.25	8.8	39.54 ± 12.70	32.1	0.02 ± 0.003	12.9
mdx-4	8.92 ± 2.32	26.0	3.36 ± 1.34	39.8	14.92 ± 4.90	32.9	19.77 ± 4.00	20.2	6.82 ± 4.55	66.8	0.57 ± 0.06	11.1
mdx-5	22.49 ± 12.11	53.8	10.72 ± 0.28	2.6	5.27 ± 2.08	39.4	12.07 ± 0.37	3.1	3.42 ± 2.42	70.7	0.16 ± 0.01	7.0
mdx-6	61.06 ± 2.66	4.4	5.33 ± 1.23	23.1	5.83 ± 1.85	31.8	1.28 ± 0.25	19.2	6.68 ± 0.12	1.8	0.17 ± 0.07	38.9
Avg		22.9		28.5		27.5		28.4		37.6		13.2
	Western Blot											
	Triceps		Quadriceps		Diaphragm		Gastroc		TA		Heart	
ID	Mean ± SD	CV%	Mean ± SD	CV%	Mean ± SD	CV%	Mean ± SD	CV%	Mean ± SD	CV%	Mean ± SD	CV%
mdx-1	71.06 ± 18.34	25.8	9.55 ± 4.56	47.8	21.39 ± 2.97	13.9	10.09 ± 1.02	10.1	1.59 ± 0.59	37.0	0.78 ± 0.29	40.3
mdx-2	15.80 ± 5.82	36.9	6.21 ± 6.36	102.4	7.59 ± 1.57	20.7	25.27 ± 2.57	10.2	1.36 ± 0.51	37.7	0.56 ± 0.14	25.3
mdx-3	32.78 ± 2.23	6.8	7.34 ± 6.96	94.8	0.96 ± 0.17	0.18	4.54 ± 0.26	5.6	26.71 ± 11.42	42.8	0.59 ± 0.18	29.9
mdx-4	11.73 ± 10.36	65.9	1.81 ± 1.41	78.1	15.82 ± 1.81	11.5	4.16 ± 0.87	20.8	7.57 ± 0.88	11.6	0.76 ± 0.39	51.6
mdx-5	11.48 ± 5.87	51.1	8.81 ± 8.81	100.0	25.56 ± 3.54	13.3	2.73 ± 0.82	30.0	1.10 ± 0.39	35.5	0.76 ± 0.36	47.0
mdx-6	23.96 ± 9.35	39.0	1.33 ± 0.61	46.0	13.03 ± 0.65	5.0	2.30 ± 0.15	6.5	7.19 ± 0.30	4.1	0.75 ± 0.34	44.8
Avg		37.6		78.2		13.8		13.9		28.1		39.8

**Additional File 2: Intra-sample variability – Dystrophin protein (% relative to WT).** The table provides individual values for dystrophin quantification by IF and IB. Expression levels of *de novo* dystrophin varied highly between animals and between muscles, regardless of the detection method used.