

Supplemental Table 1. Genetic test methods as reported in the medical records of preterm and term males with Duchenne muscular dystrophy and no family history of dystrophinopathy at birth, MD STARnet

<b>Genetic test</b>	<b>N</b>	<b>%</b>
Multiplex PCR/Southern Blot	102	31.38
PCR	68	20.92
MLPA	16	4.92
CGH array	12	3.69
SCAIP	12	3.60
DHPLC	1	0.31
Others	4	1.23
Unknown	75	23.08
Missing information	35	10.77

PCR = Polymerase Chain Reaction; MLPA = Multiplex Ligation-dependent Probe Amplification; CGH = Comparative Genomic Hybridization; SCAIP = Single Condition Amplification/ Internal Primer; DHPLC = Denaturing High-performance Liquid Chromatography, MD STARnet = Muscular Dystrophy Surveillance Tracking and Research Network

Supplemental Table 2. Mutation types as reported in the medical records of preterm and term males with Duchenne muscular dystrophy and no family history of dystrophinopathy at birth, MD STARnet

<b>Mutation type</b>	<b>Definite DMD diagnosis (N=313)</b>		<b>Probable DMD diagnosis (N=12)</b>		<b>Preterm (N=30)</b>		<b>Term (N=295)</b>	
	<b>n</b>	<b>%</b>	<b>n</b>	<b>%</b>	<b>n</b>	<b>%</b>	<b>n</b>	<b>%</b>
Deletion	195	62.30	1	8.33	17	56.67	179	60.68
Duplication	33	10.54	1	8.33	2	6.67	32	10.85
Point mutation	58	18.53	0	0	5	16.67	53	17.97
Unknown	27	8.63	10	83.33	6	20.00	31	10.51

DMD = Duchenne muscular dystrophy, MD STARnet = Muscular Dystrophy Surveillance Tracking and Research Network

Supplemental Table 3. Sociodemographic characteristics of preterm and term males with Duchenne muscular dystrophy and no family history of dystrophinopathy at birth, MD STARnet

<b>Sociodemographic Characteristics</b>	<b>Study cohort (N=325)</b>		<b>All potential cases (N=467)</b>		<b>P value*</b>	
<b>Race/ethnicity</b>	<b>n</b>	<b>%</b>	<b>n</b>	<b>%</b>		
White non-Hispanic	214	65.85	281	60.17	0.20	
Black non-Hispanic	27	8.31	34	7.28		
Hispanic or Latino	52	16.00	87	18.63		
Other	32	9.85	65	13.92		
<b>State</b>					0.62	
	AZ	70	21.54	60		23.55
	CO	63	19.38	59		21.84
	GA	94	28.92	85		28.05
	IA	47	14.46	46		14.35
	wNYS	51	15.69	45		21.21

\*Chi-square test; MD STARnet = Muscular Dystrophy Surveillance Tracking and Research Network; AZ = Arizona; CO = Colorado; GA = Georgia; IA = Iowa; wNYS = western New York State

