Corrigendum

Leiomodin-3 dysfunction results in thin filament disorganization and nemaline myopathy

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In the original version of the article, the mutation c.601_602delGA in *LMOD3* was incorrectly described; the correct predicted protein change is p.D201Qfs*9. In addition, the *LMOD3* mutation p.S47Qfs*13 was incorrectly indicated; the correct mutation is S47Qfs*13. These errors affected portions of Table 1, Table 2, Figure 1, and Supplemental Table 2. The corrected versions of Table 1, Table 2, and Figure 1 appear below, and Supplemental Table 2 has been updated online.

The authors regret the errors.

Table 1. *LMOD3* variants and protein expression

Patient ID	*LMOD3* genotype[A]	Protein expression[B]
1a	hom c.138dupC, p.S47Qfs*13	p.S47Qfs*13 (6.6 kDa), no expression
1b	hom c.138dupC, p.S47Qfs*13	p.S47Qfs*13 (6.6 kDa), N/D
2	hom c.138dupC, p.S47Qfs*13	p.S47Qfs*13 (6.6 kDa), N/D
3	hom c.154delA, p.M52*	3a and 3b - p.M52* (5.7 kDa), N/D
4	hom c.231G>A, p.W77*	p.W77*(8.7 kDa), no expression
5	het c.300_304delGACTC, p.T101Rfs*4 het c.601_602delGA, p.D201Qfs*9	p.T101Rfs*4 (12 kDa), no expression p.D201Qfs*9(24 kDa), no expression
6	hom c.349C>T, p.Q117*	p.Q117*(13.6 kDa), inconclusive
7	het c.349C>T, p.Q117* het c.1218delA, p.K406Nfs*11	p.Q117* (13.6 kDa), inconclusive p.K406Nfs*11 (48.2 kDa), inconclusive
8	het c.723_733del, p.D242Efs*4 het c.976G>C, p.G326R	p.G326R p.D242Efs*4 (28.3 kDa), N/D
9	hom c.860delT, p.F287Sfs*3	p.F287Sfs*3 (33 kDa), no expression
10	het c.976G>C, p.G326R het c.1372C>T, p.Q458*	p.Q458* (52.9 kDa), N/D p.G326R
11a	hom c.1069G>T, p.E357*	p.E357* (41.1 kDa), N/D
11b	hom c.1069G>T, p.E357*	p.E357* (41.1 kDa), N/D
12a[C]	hom c.1099_1100delAA, p.N367Qfs*11	p.N367Qfs*11 (43 kDa), no expression
12b	hom c.1099_1100delAA, pN367Qfs*11	p.N367Qfs*11 (43 kDa), N/D
12c	hom c.1099_1100delAA, p.N367Qfs*11	p.N367Qfs*11 (43 kDa), no expression
13a	hom c.1099_1100delAA, p.N367Qfs*11	p.N367Qfs*11 (43 kDa), N/D
13b	hom c.1099_1100delAA, p.N367Qfs*11	p.N367Qfs*11 (43 kDa), N/D
14a	het c.1100_1102delACA, p.N367del het c.1201C>T, p.R401*	p.R401* (48 kDa), expressed p.N367del (64.8 kDa), expressed
14b	het c.1100_1102delACA, p.N367del het c.1201C>T, p.R401*	p.N367del, N/D p.R401*, N/D

[A]Numbering of the nucleotide and protein changes is relative to NM_198271.3 (gene) and NP_938012 (protein).[B]Full-length LMOD3 protein is 560–amino acids long and has a predicted molecular weight of 64.9 kDa. Molecular weight predictions were performed using ExPASy (http://web.expasy.org/compute_pi/). The presence or absence of protein expression was assessed by Western blot analysis. [C]Corresponds to BOS-1120. Hom, homozygous; het, heterozygous; N/D, not determined (no muscle was available for analysis); inconclusive, biopsy contained only small amounts of muscle tissue, and the presence or absence of mutant LMOD3 expression could not be determined conclusively.

Table 2. Clinical features of *LMOD3*-NM

Patient ID	Genotype	Ethnicity	Sex	Clinical subtype[A]	Clinical features
1a	p.S47Qfs*13	Algerian	F	SC	Deceased (neonatal period)[B]. Polyhydramnios, preterm delivery (30/40), arthrogryposis, fractures (bilateral femoral).
1b	p.S47Qfs*13	Algerian	F	SC	Deceased (neonatal period). Preterm delivery (36/40).
2	p.S47Qfs*13	Belgian	M	SC	Deceased (10 months). Decreased fetal movements, breech presentation, arthrogryposis, ophthalmoplegia.
3a	p.M52*	Portuguese	F	SC	Deceased (neonatal period). Polyhydramnios, decreased fetal movements, contractures.
3b	p.M52*	Portuguese	F	SC	Alive at 1 month, lost to follow-up. Polyhydramnios, contractures.
4	p.W77*	Japanese	M	SC	Alive at 4 months, lost to follow-up.
5	p.T101Rfs*4 / p.D201Qfs*9	Japanese	F	SC	Alive at 2 months, lost to follow-up. Polyhydramnios, decreased fetal movements, subdural hematoma.
6	p.Q117*	Japanese	F	SC	Alive at 10 months, lost to follow-up. Polyhydramnios, decreased fetal movements, fetal edema, preterm delivery (32/40), microcephaly, contractures.
7	p.Q117* / p.K406Nfs*11	Japanese	F	SC	Alive at 1 year 7 months, lost to follow-up. Polyhydramnios, decreased fetal movements, ophthalmoplegia.
8	p.D242Efs*4 / p.G326R	South American	F	SC	Deceased (neonatal period).
9	p.F287Sfs*3	Italian	F	SC	Deceased (4 months). Polyhydramnios, decreased fetal movements, preterm delivery (34/40), ophthalmoplegia, contractures.
10	p.G326R / p.Q458*	Ecuadorian	M	SC	Deceased (6 weeks). Polyhydramnios, decreased fetal movements, preterm delivery (35/40), breech presentation, ophthalmoplegia, arthrogryposis, fractures (bilateral humeral).
11a	p.E357*	Swedish	M	SC	Deceased (5 months). Polyhydramnios, arthrogryposis.
11b	p.E357*	Swedish	M	SC	Deceased (neonatal period).
12a[C]	p.N367Qfs*11	Afghani	M	SC	Deceased (2 months). Absent fetal movements, preterm delivery (31/40), breech presentation, arthrogryposis.
12b	p.N367Qfs*11	Afghani	M	SC	Deceased (neonatal period). Preterm delivery (33/40), arthrogryposis.
12c	p.N367Qfs*11	Afghani			Affected fetus.
13a	p.N367Qfs*11	Pakistani	F	SC	Deceased (3 months). Polyhydramnios, breech presentation, ophthalmoplegia, kyphosis.
13b	p.N367Qfs*11	Pakistani	F	SC	Deceased (neonatal period). Polyhydramnios, decreased fetal movements.
14a	p.N367del / p.R401*	Australian	F	TC	Alive (10 years). Polyhydramnios, decreased fetal movements, bulbar weakness, ophthalmoplegia, percutaneous endoscopic gastrostomy, nocturnal noninvasive ventilation. Walks independently. Normal cardiac assessment and echocardiogram.
14b	p.N367del / p.R401*	Australian	F	TC	Alive (4 years). Polyhydramnios, bulbar weakness, percutaneous endoscopic gastrostomy, nocturnal noninvasive ventilation. Walks with truncal support. Normal cardiac assessment and echocardiogram.

[A]Classification of clinical subtype of NM relates to the European Neuromuscular Centre classification of NM (1). [B]Neonatal period indicates less than 28 days of age. [C]Corresponds to BOS-1120. TC, typical congenital NM; SC, severe congenital NM; F, female; M, male; 30/40, gestational age of 30 weeks.

Figure 1