Correction

For “Distinct effects of tubulin isotype mutations on neurite growth in *Caenorhabditis elegans*” (Mol. Biol. Cell [2017] 28, 2786–2801; originally published in MBoC In Press as 10.1091/mbc.E17-06-0424) the journal wishes to make a corrections to several terms in Table 1. The correct version is below.

The HTML and PDF versions were corrected on the *Molecular Biology of the Cell* website on November 13, 2017. These corrections may not appear on copies of the article that reside on other websites.

| Gene | Allele | Mutation | Structural function | Classification | Morphological defects | Expression | Touch sensitivity |
|------|--------|----------|---------------------|----------------|----------------------|------------|-------------------|
| mec-7 | u319   | S25F     | Tubulin folding     | Weak antimorph | Short PLM-PN          | recessive  | +                  |
|       | u305, u1020 | G34S   | Lumen-facing loop   | Weak antimorph | Short TRN neurites    | recessive  | +                  |
|       | u358, u223 | G38E   | Lumen-facing loop   | No defects     | No defects            | recessive  | +                  |
|       | u249    | P61I     | Lateral interaction | Weak antimorph | Moderately shortened neurites | recessive  | +                  |
|       | u433, u318 | V41I   | Tubulin folding     | Antimorph      | No defects            | recessive  | +                  |
|       | u432, u433 | A97V   | GTP binding         | Antimorph      | Short TRN neurites    | recessive  | +                  |
|       | u429, u433 | G109E  | Lumen-facing loop   | Neomorph       | Short PLM-PN          | recessive  | +                  |
|       | u429, u433 | G114S  | Lumen-facing loop   | Antimorph      | Short PLM-PN          | recessive  | +                  |
|       | u429, u433 | G114C  | Lumen-facing loop   | Neomorph       | Short TRN neurites    | recessive  | +                  |
|       | u429, u433 | G114R  | Lumen-facing loop   | Antimorph      | Short TRN neurites    | recessive  | +                  |
|       | u429, u433 | G114D  | Lumen-facing loop   | Neomorph       | Short PLM-PN          | recessive  | +                  |
|       | u429, u433 | G114I  | Lumen-facing loop   | Antimorph      | Short TRN neurites    | recessive  | +                  |
|       | u429, u433 | G114E  | Lumen-facing loop   | Neomorph       | Short PLM-PN          | recessive  | +                  |
|       | u429, u433 | G114F  | Lumen-facing loop   | Antimorph      | Short TRN neurites    | recessive  | +                  |
|       | u429, u433 | G114H  | Lumen-facing loop   | Neomorph       | Short PLM-PN          | recessive  | +                  |

**TABLE 1:** The *mec-7* and *mec-12* mutations analyzed in this study. Several mutations are represented by multiple alleles, whose phenotypes were found to be similar. For touch sensitivity, + indicates the average response to five anterior stimuli is above 4; ± indicates the average is between 4 and 1; − indicates the average is below 1. Partial *lf* alleles of *mec-12* showed some but not all of the *lf* phenotypes (see the text). Asterisks indicate that the mutation was originally found in humans and was created in *mec-7* gene through CRISPR/Cas9-mediated genome editing. Mapping of the amino acid residues to the structural domains was done according to Tischfield et al. (2011).
| Gene   | Allele       | Mutation | Structural function | Classification | Morphological defects | Touch sensitivity | Expression |
|--------|--------------|----------|---------------------|----------------|-----------------------|------------------|------------|
| gk286001 | C303S       | MAP binding | N/A                | No defects     | +                     | N/A            |
| e1522  | F317I       | Tubulin folding | If                 | Short PLM-PN   | ±                     | Recessive       |
| u234   | R318Q       | Tubulin folding | If                 | Short PLM-PN   | ±                     | Recessive       |
| u955   | A352T       | Intradimer interaction | Antimorph  | Short TRN neurites | –                     | Dominant        |
| u910, gk373602 | P357L    | Tubulin folding | Antimorph  | Short TRN neurites | –                     | Dominant        |
| u956   | P358L       | Tubulin folding | Antimorph  | Short TRN neurites | –                     | Dominant        |
| u1017  | L377F       | MAP binding   | Neomorph          | The growth of ectopic ALM-PN | ±                   | Recessive       |
| u1059  | R380S*      | MAP binding   | Neomorph          | The growth of ectopic ALM-PN | ±                   | Recessive       |
| u18    | A393T       | Longitudinal interaction | Antimorph  | Short TRN neurites | –                     | Dominant        |
| gk285997 | A393V      | Longitudinal interaction | Antimorph  | Short TRN neurites | –                     | Dominant        |
| u170   | E407L       | MAP binding   | Neomorph          | The growth of ectopic ALM-PN | ±                   | Recessive       |
| u1060  | E410K*      | MAP binding   | Antimorph          | Shortened TRN-ANs | –                     | Semidominant    |
| me-12  | gk170196    | P32S       | Lumen-facing loop  | Neomorph       | The growth of ectopic ALM-PN | ±               | Recessive    |
| gk170195 | S50N       | Lumen-facing loop | N/A                | No defects     | +                     | N/A            |
| gk636747 | R60H       | Lumen-facing loop | N/A                | No defects     | +                     | N/A            |
| u76    | D69N       | GTP binding   | Antimorph          | Short PLM-PN   | –                     | Recessive       |
| u1016  | E97K       | Intradimer interaction | Antimorph  | Short PLM-PN   | –                     | Recessive       |
| u950, gk672907 | S140F | GTP binding   | Antimorph          | Short PLM-PN   | –                     | Recessive       |
| gk600523 | G142E      | GTP binding   | If                 | No defects     | ±                     | Recessive       |
| u1021, e1607 | G144S    | GTP binding   | If                 | No defects     | ±                     | Recessive       |
| gk583647 | L152F      | Tubulin folding | N/A                | No defects     | +                     | N/A            |
| u50, e1605 | H192Y      | MAP binding   | Partial If         | No defects     | –                     | Recessive       |
| gk915672 | E196K      | MAP binding   | Neomorph          | The growth of ectopic ALM-PN | ±                   | Recessive       |
| u1041  | G246E       | Tubulin folding | If                 | No defects     | ±                     | Recessive       |
| u917   | V260I       | MAP binding   | Neomorph          | The growth of ectopic ALM-PN | ±                   | Recessive       |
| gk854211 | P307L      | MAP binding   | N/A                | No defects     | +                     | N/A            |
| gk515972 | V323I      | Longitudinal interaction | Neomorph  | The growth of ectopic ALM-PN | ±                   | Recessive       |
| u241, u1019 | G354E    | Longitudinal interaction | Antimorph  | Short PLM-PN   | –                     | Recessive       |
| gk341552 | G365E      | Lumen-facing loop | N/A                | No defects     | +                     | N/A            |
| u63    | E315K       | MAP binding   | Partial If         | No defects     | ±                     | Recessive       |
| gm379  | G416E       | MAP binding   | Partial If         | No defects     | ±                     | Recessive       |

**TABLE 1:** The me-7 and me-12 mutations analyzed in this study. Several mutations are represented by multiple alleles, whose phenotypes were found to be similar. For touch sensitivity, + indicates the average response to four anterior stimuli is above 4; ± indicates the average is between 4 and 1; – indicates the average is below 1. Partial If alleles of me-12 showed some but not all of the If phenotypes (see the text). Asterisks indicate that the mutation was originally found in humans and was created in me-7 gene through CRISPR/Cas9-mediated genome editing. Mapping of the amino acid residues to the structural domains was done according to Tischfield et al. (2011). Continued