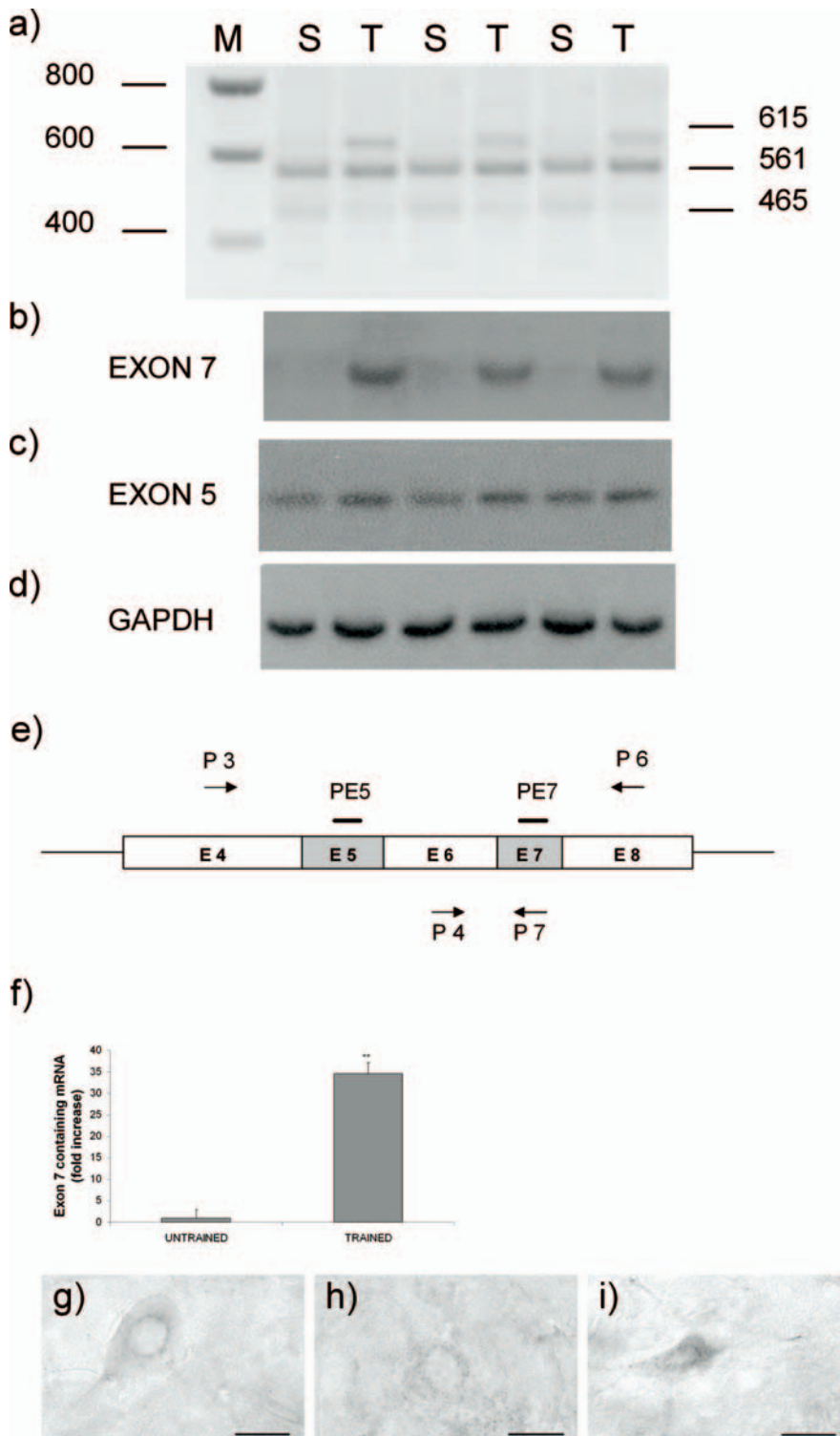


## Correction

In the article “Regular Exercise Prolongs Survival in a Type 2 Spinal Muscular Atrophy Model Mouse,” by Clément Grondard, Olivier Biondi, Anne-Sophie Armand, Sylvie Lécolle, Bruno Della Gaspera, Claude Pariset, Hung Li, Claude-Louis Gallien, Pierre-Paul Vidal, Christophe Chanoine, and Frédéric Charbonnier, which appeared on pages 7615–7622 of the August 17, 2005 issue, the blots corresponding to exon 5 and exon 7 have been inverted in Figure 5 *B, C*. The correct version of Figure 5, as well as the legend, is printed here.



**Figure 5.** Effects of training on the expression pattern of *SMN2* in type 2 SMA-like mice. **a**, RT-PCR analysis of exons 4–8 of *SMN2* transcripts showed that the exon 7-containing transcripts were increased in spinal cords of trained mice (T;  $n = 13$ ) in comparison with those of untrained mice (S;  $n = 12$ ). The 615-nucleotide (nt)-long transcripts are full-length *SMN* transcripts, whereas 561-nt transcripts lack exon 7, and the 465-nt transcripts lack both exons 5 and 7. Transcripts lacking only exon 5 were not detected in these experiments. M, Length markers. **b**, Hybridization of the RT-PCR products by an exon 7-specific primer highlighting the exercise-induced increase of full-length *SMN* transcripts. **c**, Hybridization of the RT-PCR products by an exon 5-specific primer showing that the splicing pattern of exon 5 remained unchanged after exercise. **d**, RT-PCR and Southern blot of GAPDH. **e**, Central genomic organization of the *SMN2* transgene and localization of the primers used for PCR and Southern blot (supplemental Table 1, available at [www.jneurosci.org](http://www.jneurosci.org) as supplemental material). E, Exon; gray boxes, alternative exons; arrows, primers used for RT-PCR (P3, P6) and real-time RT-PCR (P4, P7); black bars, primers used as probes for hybridization of the Southern blots (PE5, PE7). **f**, Quantification of exon 7-containing transcripts by real-time RT-PCR. **g–i**, Immunodetection of SMN protein (clone 2B1) in the spinal cord of untrained (**h**) and trained (**i**) type 2 SMA-like mice in comparison with control (**g**). Scale bars, 20  $\mu$ m.