Additional file 4. Nucleotide sequence comparison of *ELF3* gDNA and *ELF3β* cDNA.

The nucleotide sequence of *ELF3β* cDNA was determined by DNA sequencing of RT-PCR product and aligned with *ELF3* gDNA using the ClustalW software. Part of the aligned sequences containing exons 2 and 3 and intron 2 was displayed. The alternative exon within intron 2, which is included in the *ELF3β* transcript as a result of alternative splicing, is underlined. Red boxes indicate conserved ‘GT’ and ‘AG’ sequences at the 5’ and 3’ ends of introns. Sequence analysis revealed that the *ELF3β* transcript occurs by the inclusion of an alternative exon consisting of 178 nucleotides within intron 2 (blue). A PTC is introduced into the *ELF3β* transcript (red asterisk).