Additional File 5. Search for the gene loss remnants of **S100A7** and **S100A15** from mouse and human, respectively.

**Figure 1. Alignment of a partial sequences of S100A7 from mouse.** The abbreviations correspond to the following species: H. sapiens - *Homo sapiens*; M. musculus - *Mus musculus*. Dots = identity with *H. sapiens* S100A7 sequence.

**Figure 2. Genomic location of the partial S100A7 sequence from mouse.** Data was obtained using S100A7 coding sequence from human as a reference against Ensembl database.

**Figure 3. Alignment of a partial sequences of S100A15 from human.** The abbreviations correspond to the following species: M. musculus - *Mus musculus*; P. troglodytes - Pan troglodytes; H. sapiens - *Homo sapiens*. Dots = identity with *M. musculus* S100A15 sequence.
Figure 4. Genomic location of the partial *S100A15* sequence from human. Data was obtained using *S100A15* coding sequence from mouse as a reference against Ensembl database.