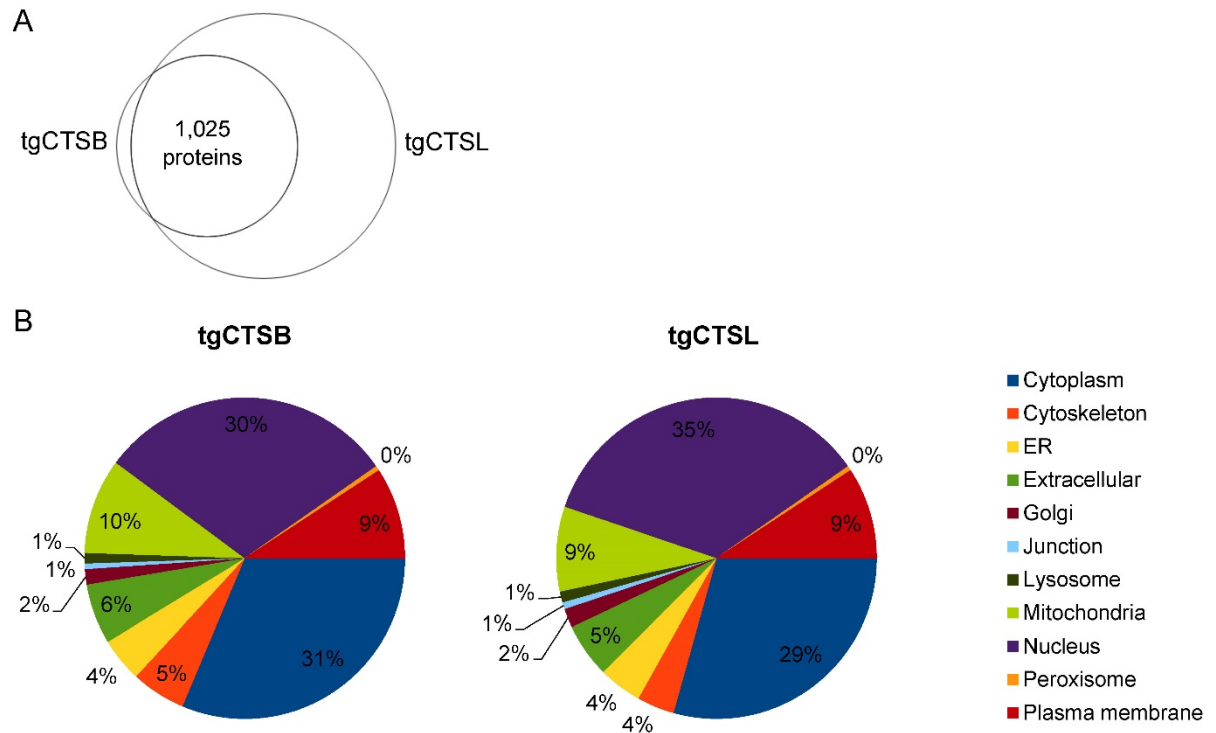


Supplementary Figure Legends

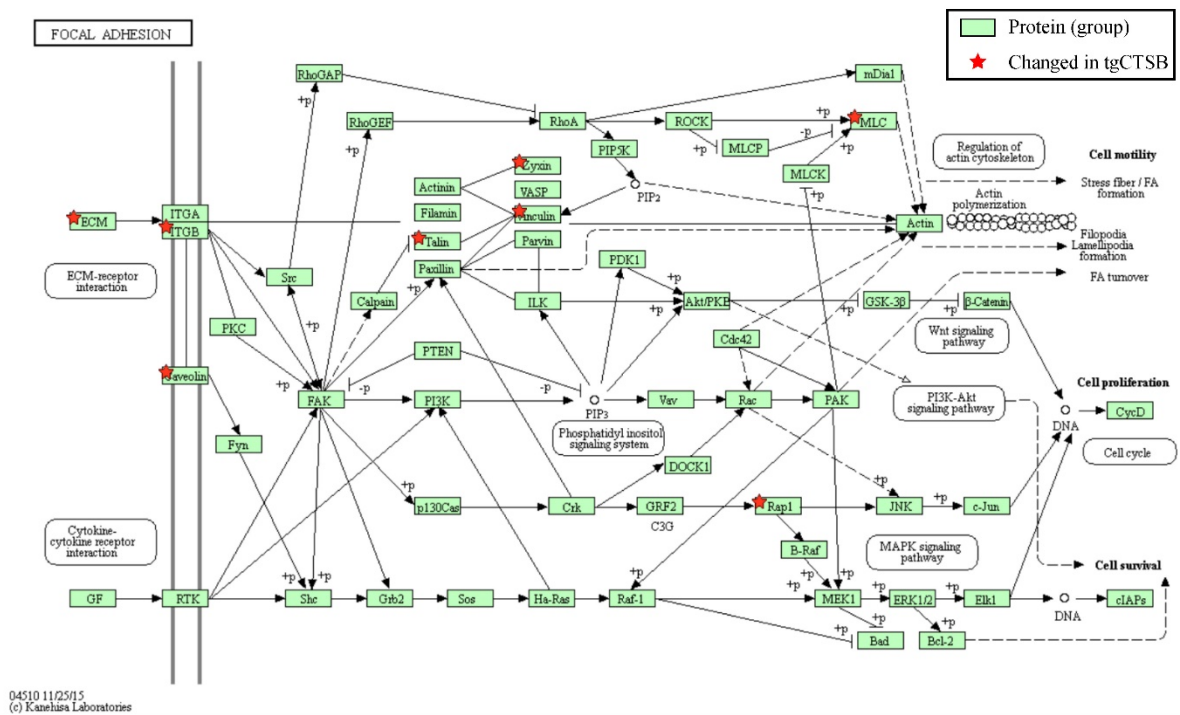
Supplementary Figure 1: High comparability of the tgCTSB and tgCTSL datasets

- A) Of the 1,090 proteins identified in all three replicates of the tgCTSB dataset, 1,025 proteins were equally identified in the tgCTSL dataset.
- B) Subcellular localization of all identified proteins was analyzed with ngLOC.



Supplementary Figure 2: CTSB expression influences the focal adhesion pathway.

Overview of the KEGG pathway “Focal adhesion”. Significantly upregulated proteins of the tgCTS B dataset are marked by a red star.



Supplementary Figure 3: Ribosomal proteins influenced by CTSL

The boxplots depict all quantified ribosomal proteins in each replicate of tgCTSL vs WT control. Ribosomal proteins are significantly less expressed in replicate 1 and 2 (marked with an asterisk), but not in replicate 3 (one-sided Student's t-test, 5 % significance level).

