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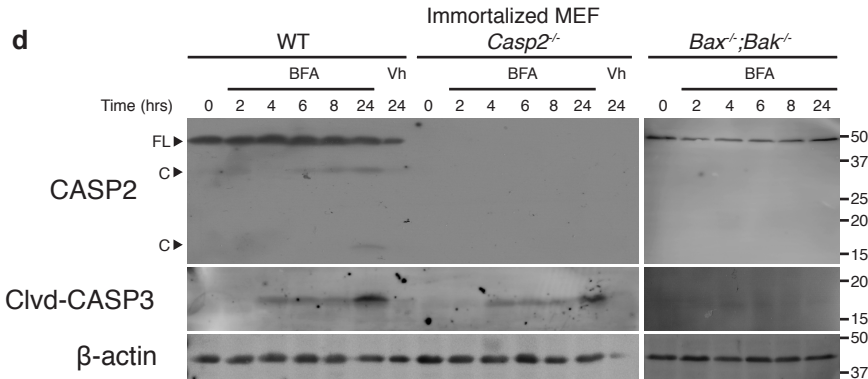
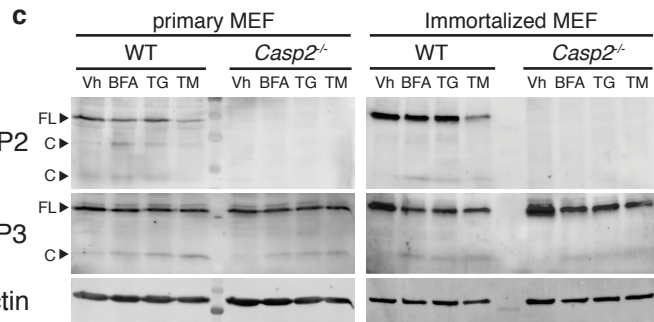
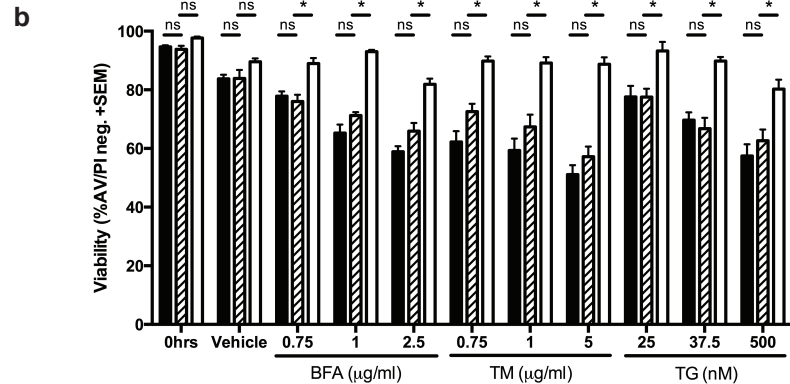
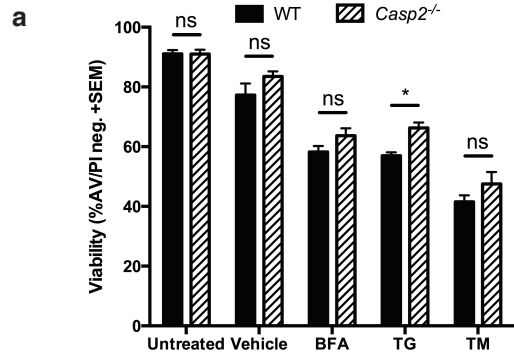
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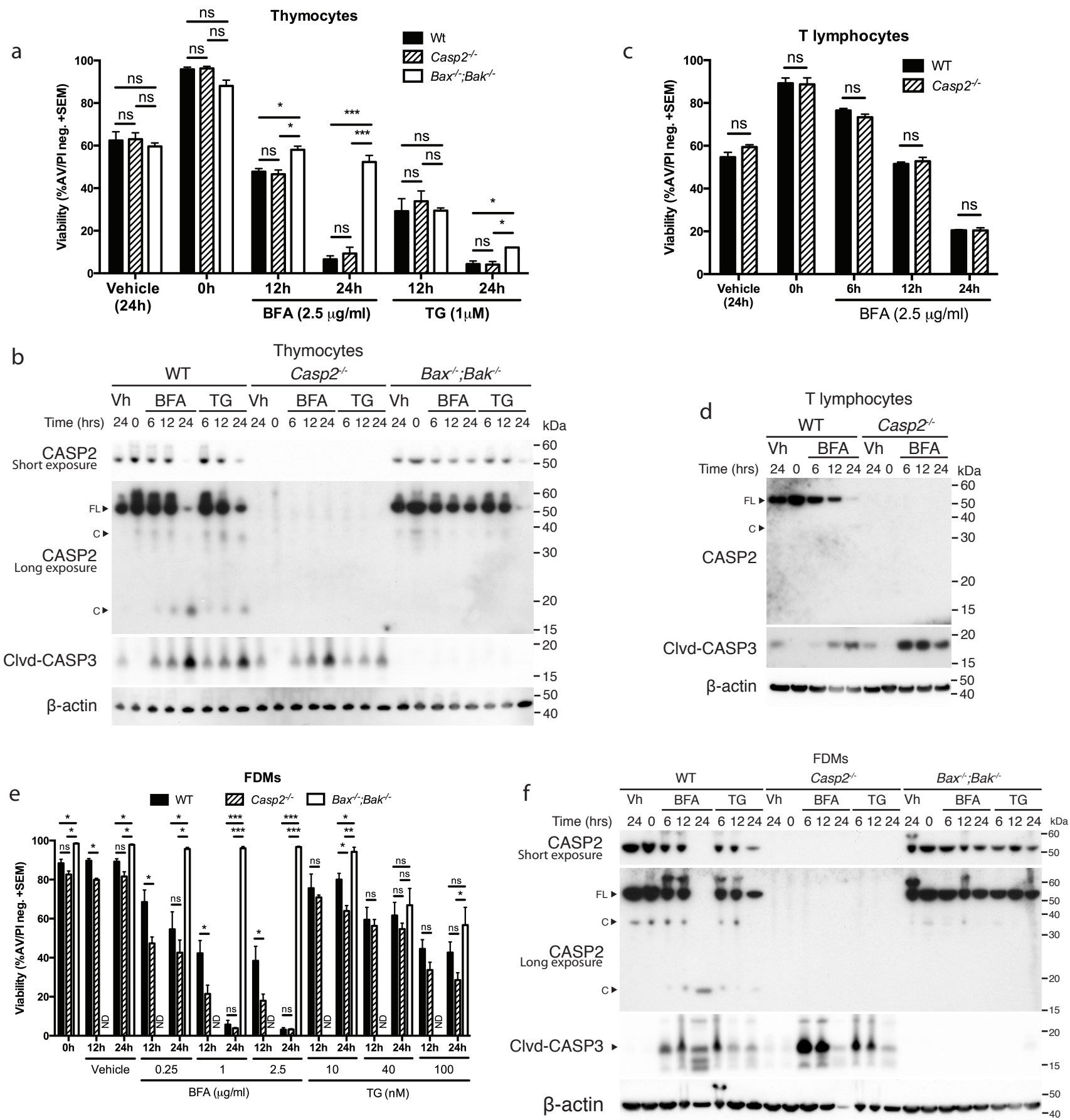
This is the authors' accepted version of their manuscript accepted for publication in
Cell Death & Differentiation

The published article is available from Nature Publishing Group:
Supplementary information for

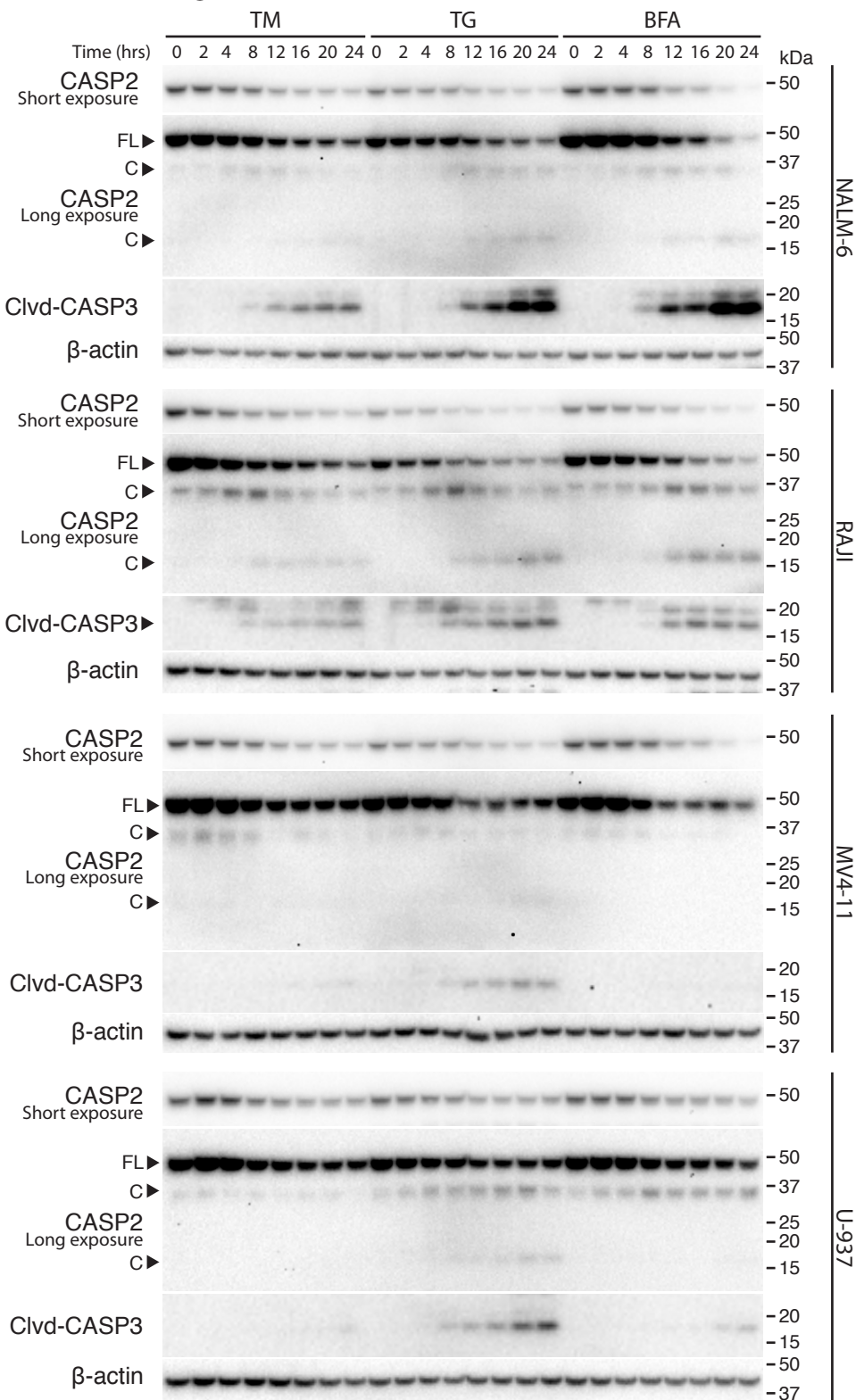
Sadow, JJ; Dorstyn, L; O'Reilly, LA; Tailler, M; Kumar, S; Strasser, A; Ekert, PG. ER stress does not cause upregulation and activation of caspase-2 to initiate apoptosis. *Cell Death & Differentiation* (2014) **21**, 475–480; doi:[10.1038/cdd.2013.168](https://doi.org/10.1038/cdd.2013.168)

<http://www.nature/cdd/journal/v21/n3/supinfo/cdd2013168s1.html?url=/cdd/journal/v21/n3/full/cdd2013168a.html>



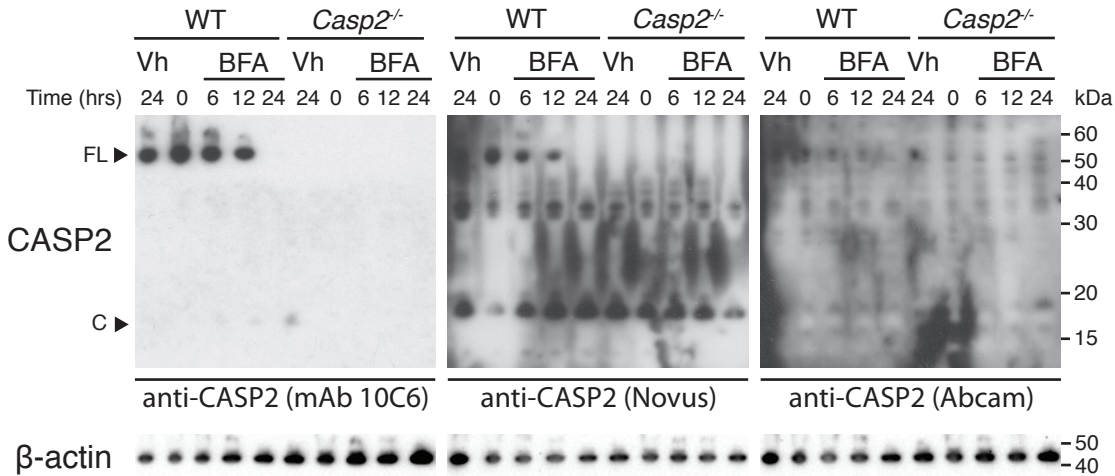


Sandow et al. Figure 3

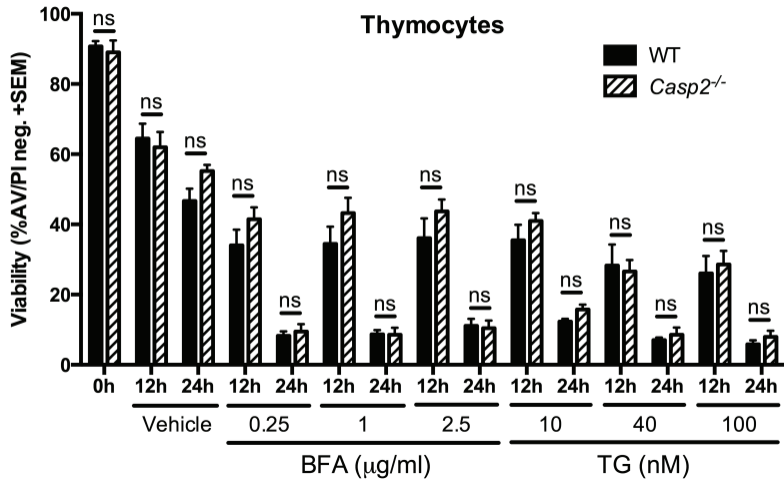


Sandow et al. Figure 4

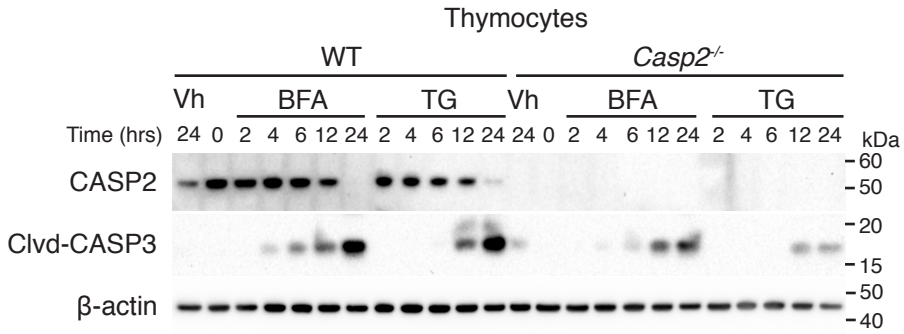
Thymocytes



Sandow et al. Supplementary Figure 1



Sadow et al. Supplementary Figure 2



Supplementary information

Supplementary Figure 1. Thymocytes from wt and *caspase-2*^{-/-} mice are equally susceptible to ER stress inducing drugs. Primary thymocytes from wild-type and *caspase-2*^{-/-} mice (WT n=6, *caspase-2*^{-/-} n=6) were treated with BFA, TG (at the indicated doses) or vehicle over the indicated time course and Annexin V negative/PI negative (i.e. surviving) cells quantified by flow cytometry. P-values were calculated using unpaired t-test, (ns) signifies p>0.05.

Supplementary Figure 2. Caspase-2 protein levels are not upregulated following ER stress in thymocytes.

Primary thymocytes from wild-type and *caspase-2*^{-/-} (negative control for antibodies to caspase-2) mice were treated with BFA (1 µg/ml), TG (100 nM) or vehicle over the indicated time course. Cell lysates were analysed by immunoblotting using antibodies against caspase-2 (clone 10C6), cleaved (i.e. activated) caspase-3 and β-actin (loading control).

Supplementary Figure 3. Caspase-2 protein levels are not upregulated following ER stress or vehicle treatment in several human leukemia and lymphoma derived cell lines.

NALM-6, RAJI, MV4-11 and U-937 cells were treated with TM (2.5 µg/ml), TG (2 µM) or BFA (2.5 µg/ml) or their respective vehicle controls over 24 h. Cell lysates were analysed by immunoblotting using antibodies against caspase-2 (clone 10C6), cleaved (i.e. activated) caspase-3 and β-actin (loading control). Full-length proteins are designated (FL) with cleavage products following ER stress indicated (C).