Supplementary Figure legends

sFig. 1. Lack of serum induction and MEKK1 absence on SRF activation in DT40 cells and effect. (A) SRF transcriptional activity was determined in WT DT40 cells. Cells were left unstimulated (open bars), stimulated with anti-IgM (black bars) or with serum (gray bars). (B) SRF transcriptional activity was determined in CHO cells. Cell were left unstimulated (open bars) or stimulated with 20% serum (gray bars). (C) SRF transcriptional activity was determined in WT & MEKK1-/- DT40 cells. Cells were left unstimulated (open bars), stimulated with anti-IgM (black bars).

sFig. 2. EGTA does not affect PKA mediated activation of the CRE. WT DT40 cells were transfected with CRE-Luciferase along with the catalytic subunit of PKA and incubated in the presence (black bars) or the absence of 1 mM EGTA (open bars) in serum free media for the indicated times. Cells were harvested at the indicated times and analyzed for luciferase activity.

sFig. 3. SRE respond differently to BCR signals than SRF. SRF (closed diamonds), SRE (open triangles) and NFAT (open circles) transcriptional activity was determined in WT DT40 cells over the indicated time.
Supplementary Fig. 1
Supplementary Fig. 3

WT cells

% Activation

Time (h)

SRF
NFAT
SRE