Supplementary Figure 1
Analysis of SILAC mixes

Histograms showing the distribution of the data for each mix. The values from each mix were divided into bins for values from -10 to 10.
Supplementary Figure 2
Phosphorylation motifs deduced from analysis of 18 ERK1/2 independent phosphosites and 98 TPL-2 -> ERK1/2 phosphosites (Figure 2A).
Supplementary Figure 3
Functional classification of phosphoproteins downregulated by Map3k8\textsuperscript{D270A} mutation

Phosphosites downregulated ≥4x by Map3k8\textsuperscript{D270A} mutation (Supplementary Table 4) were grouped by function using UniProt database annotation.