## **Description of Additional Supplementary Files**

File Name: Supplementary Data 1

Description: Ingenuity analysis of upstream regulators of RAS-induced BCL-XL-dependent target

expression.

File Name: Supplementary Data 2

Description: A list of the proteins identified by mass spectrometry after IP-BCLXL in KRASV12-transformed cells only. Mass spectrometric analysis of protein lysates from KRASV12-transformed cells after IP-BCLXL was performed. BCL-XL itself was systematically identified in these immunoprecipitations. Negative control experiments were performed in parallel using lysates from the parental cells poorly expressing BCL-XL, with resulting immunoprecipitates harbouring no detectable BCL-XL. Proteins that were nevertheless identified in these negative control immunoprecipitates were classified as non-specific and they were taken off the short list of candidates shown in this table.