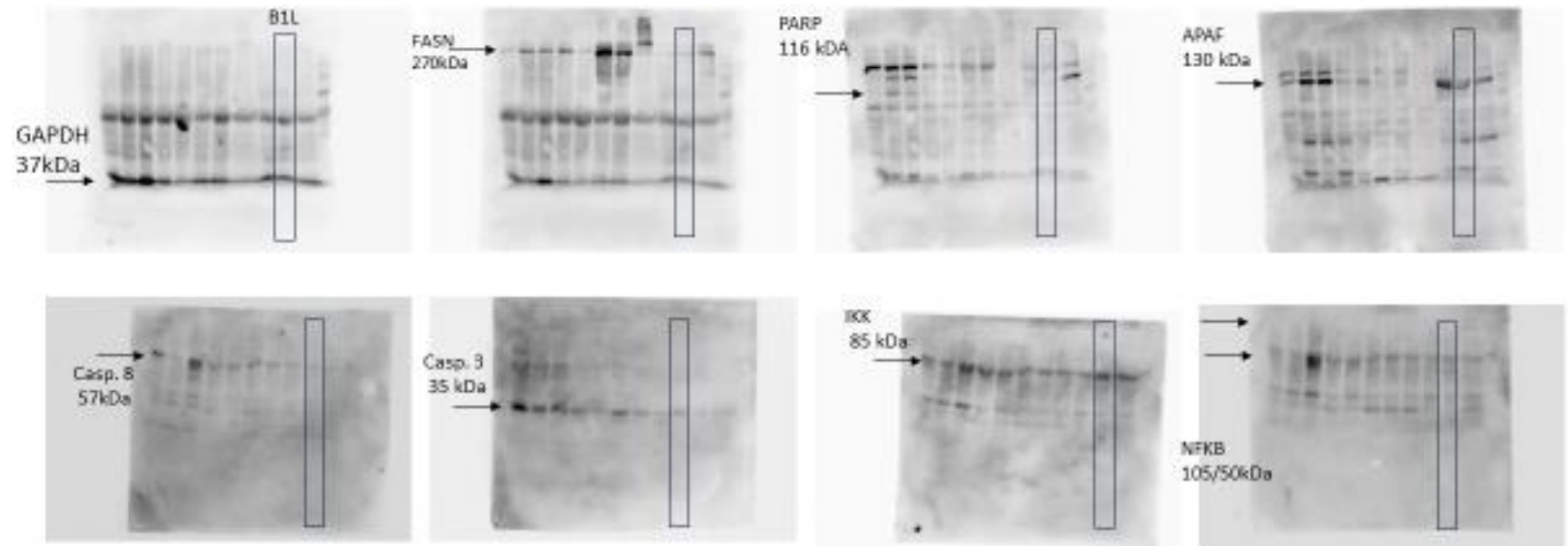


Supplement:

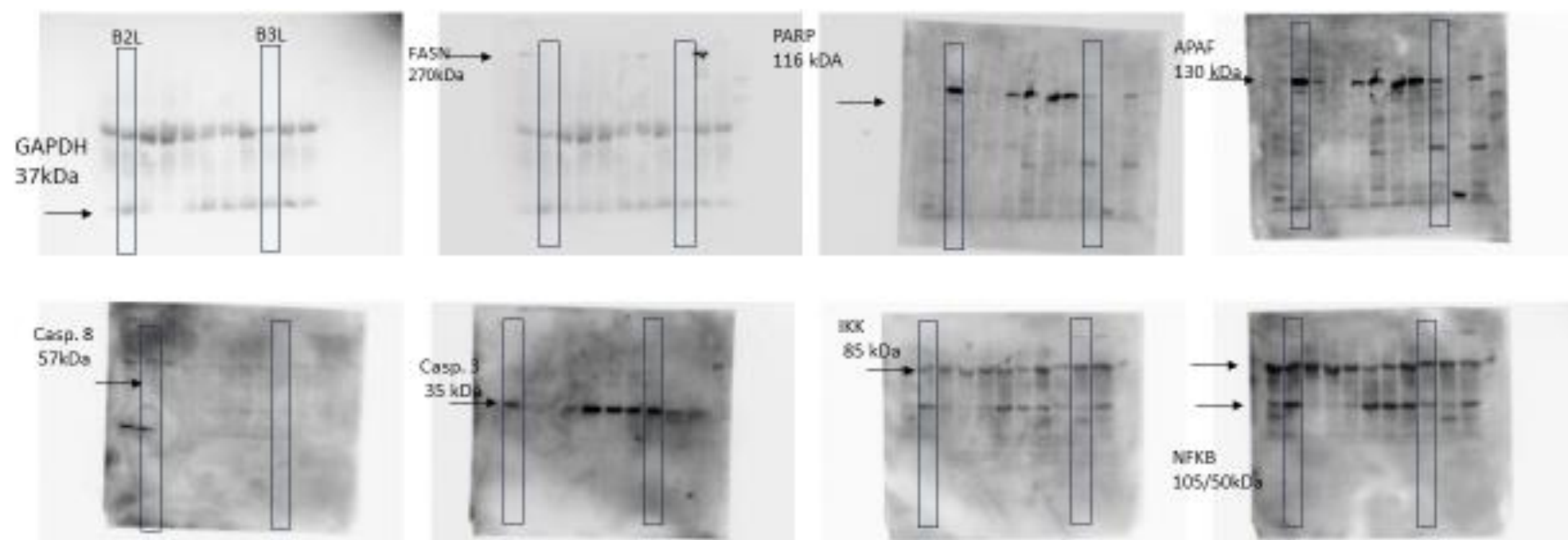
The present study was a subproject of an orlistat treatment study, a total of 34 mice were examined: At the beginning of the project, as a pilot study, we performed MRI twice on nine consecutive mice, the first at the time of randomization and the second immediately before the animals were euthanized for histological and immunochemical work up. The xenografts were established into both flanks of the animals (treatment group 5 mice, unilateral: bilateral tumor growth 4:1; control group 4 mice, unilateral: bilateral tumor growth 1:3). These results form the basis of the present study. No MRI examinations were carried out on the following 25 mice in the further subproject.

All mice used in our pilot study are clearly labeled in the Western blots.

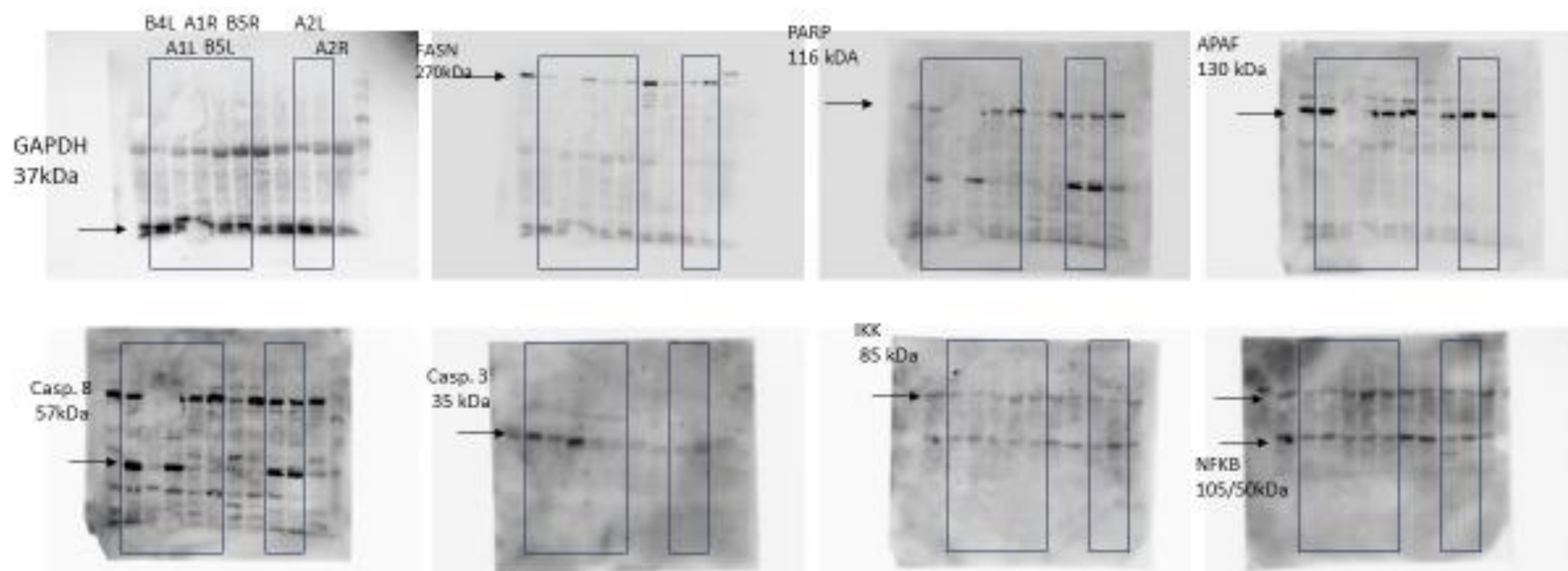
A



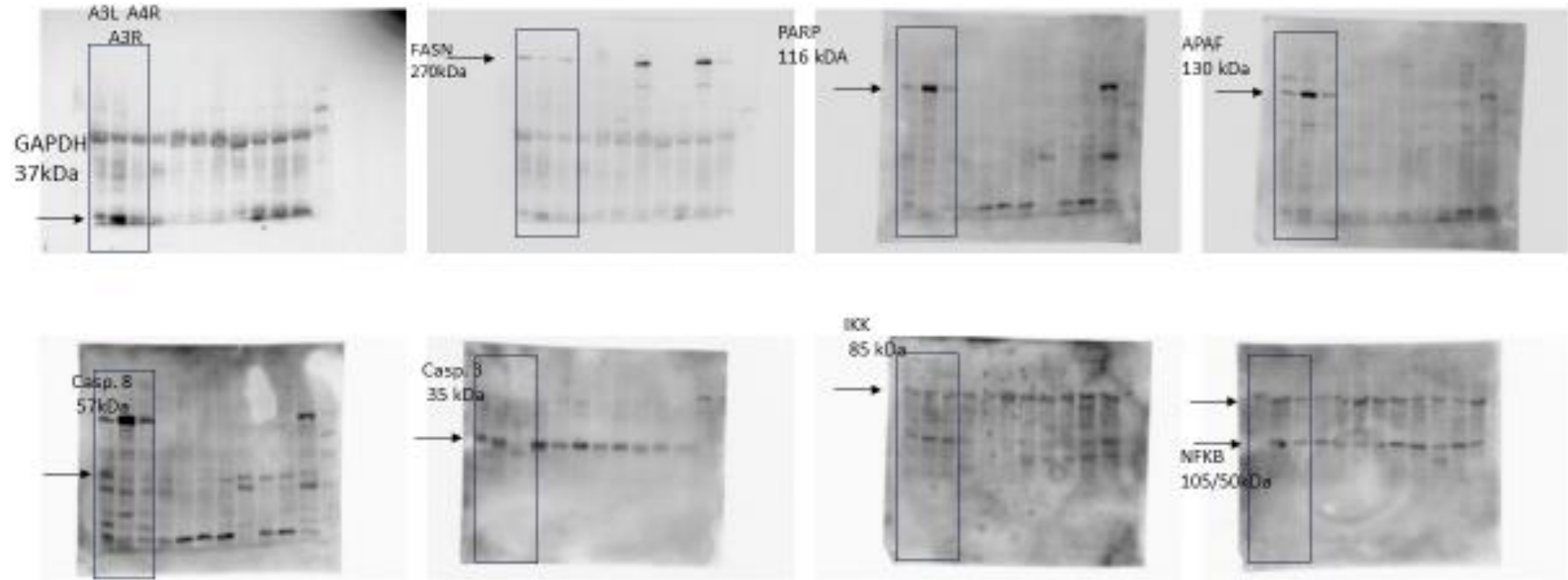
B



C



D



Supplementary Figure S1: (A-D) Compilation of the eight Western blots of one or more mice - the number of the mouse is indicated in the upper row in the left picture. **Note.** A = control group; B = treatment group; R = right; L = left (the xenografts were established into both flanks of the animals). Abbreviations: GAPDH = Glyceraldehyde-3-phosphate dehydrogenase; FASN = fatty acid synthase; PARP-1 = poly-adenosine diphosphate ribose polymerase-1; APAF1 = apoptotic protease activating factor-1; Casp. 8 = apoptosis-regulating proteins caspase-8; Casp.3 = apoptosis-regulating proteins caspase-3; IKK = IkappaB kinase; NF- κ B = nuclear factor kappa-light-chain-enhancer of activated B-cells.