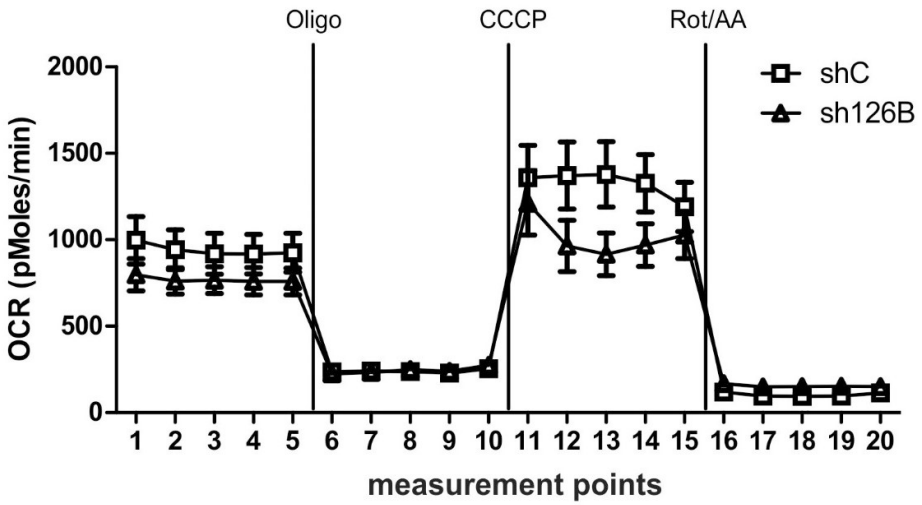

Figure S1:

Oxygen consumption rate (OCR) in control (shC) and TMEM126B knockdown cells (sh126B) sequentially treated with oligomycin (2.5 µM, Oligo), carbonyl cyanide m-chlorophenylhydrazone (1 µM, CCCP), and antimycin A (1 µg/ml AA) together with rotenone (1 µM, Rot).

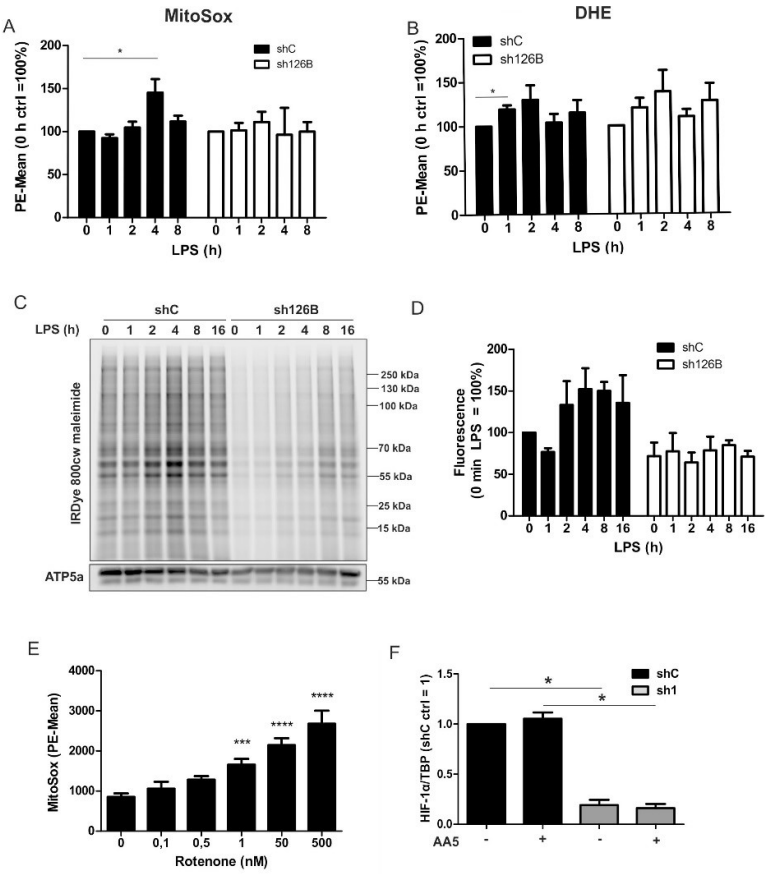

Figure S2:

A. Control (shC) and TMEM126B knockdown cells (sh126B) were treated with LPS for indicated times and mitochondrial ROS production was analyzed by mitoSox staining and flow cytometry (n = 11). B. shC and sh126B cells were incubated with LPS as indicated and overall ROS were measured by DHE staining and flow cytometry (n = 4). C. After treatment with LPS for indicated times, mitochondria of shC and sh12 B cells were isolated, cysteins were blocked with NEM, oxidized cysteins were reduced with TCEP, and labeled with IRDye maleimide. Gels were scanned on an Odyssey scanner. D. Quantification of C (n = 4). E. THP-1 cells were incubated with indicated amounts of rotenone, stained with mitoSOX, and analyzed by flow cytometry (n = 9). F. HIF-1α mRNA was analyzed in control (shC) and HIF-1α knockdown (sh1) cells treated with atpenin A5 (AA5) for 4 h (n = 6). Data are mean values ± SEM, *p <0.05.

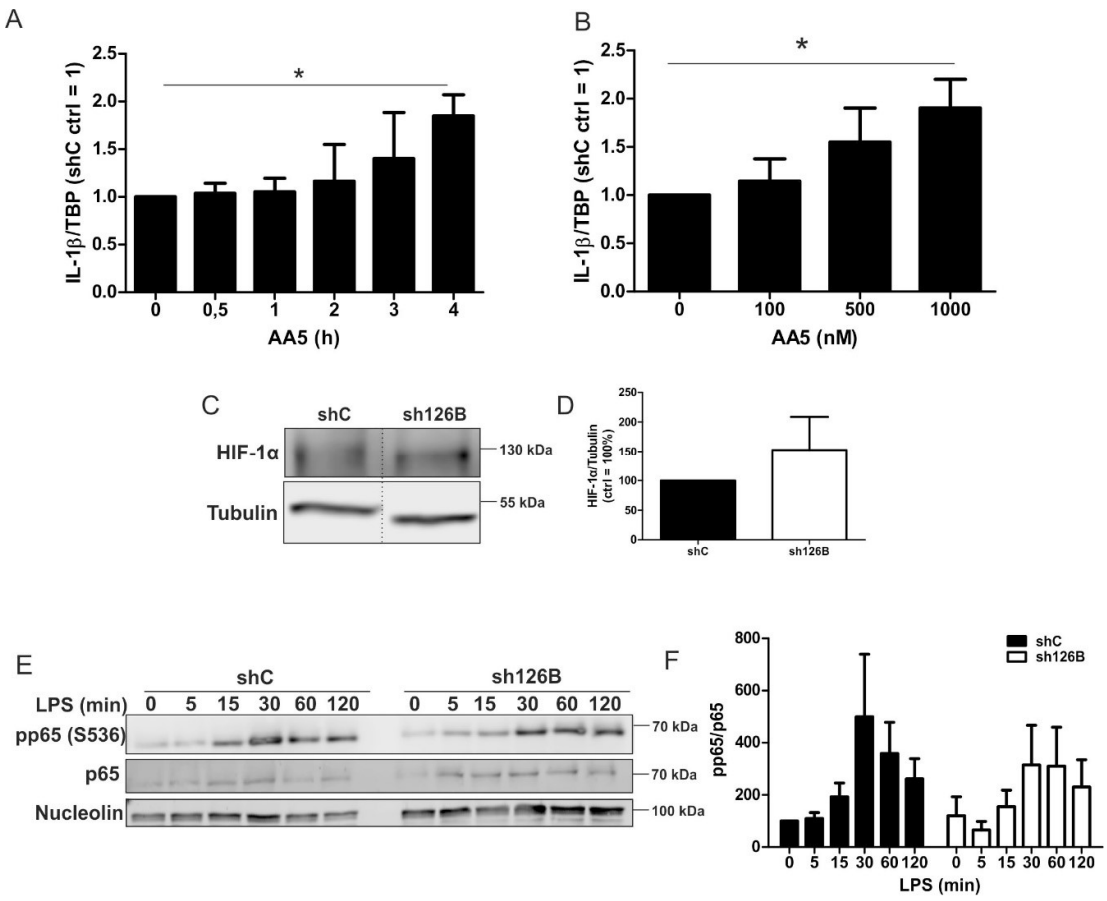

Figure S3:

A. IL-β mRNA was analyzed in THP-1 cells treated with atpenin A5 (AA5) for indicated times. B. IL-β mRNA was analyzed in THP-1 cells treated with indicated concentrations of AA5. C. Western analysis of HIF-1α and tubulin in control (shC) and TMEM126B knockdown cells (sh126B) cells. The image was cut (dashed line) for reasons of clarity. D. Quantification of C (n = 4). E. Control (shC) and TMEM126B knockdown (sh126B) cells were incubated with LPS for indicated times followed by Western analysis of p65, phosphorylated p65 (pp65), and nucleolin. F. Quantification of E (n = 3). Data are mean values ± SEM, *p <0.05.