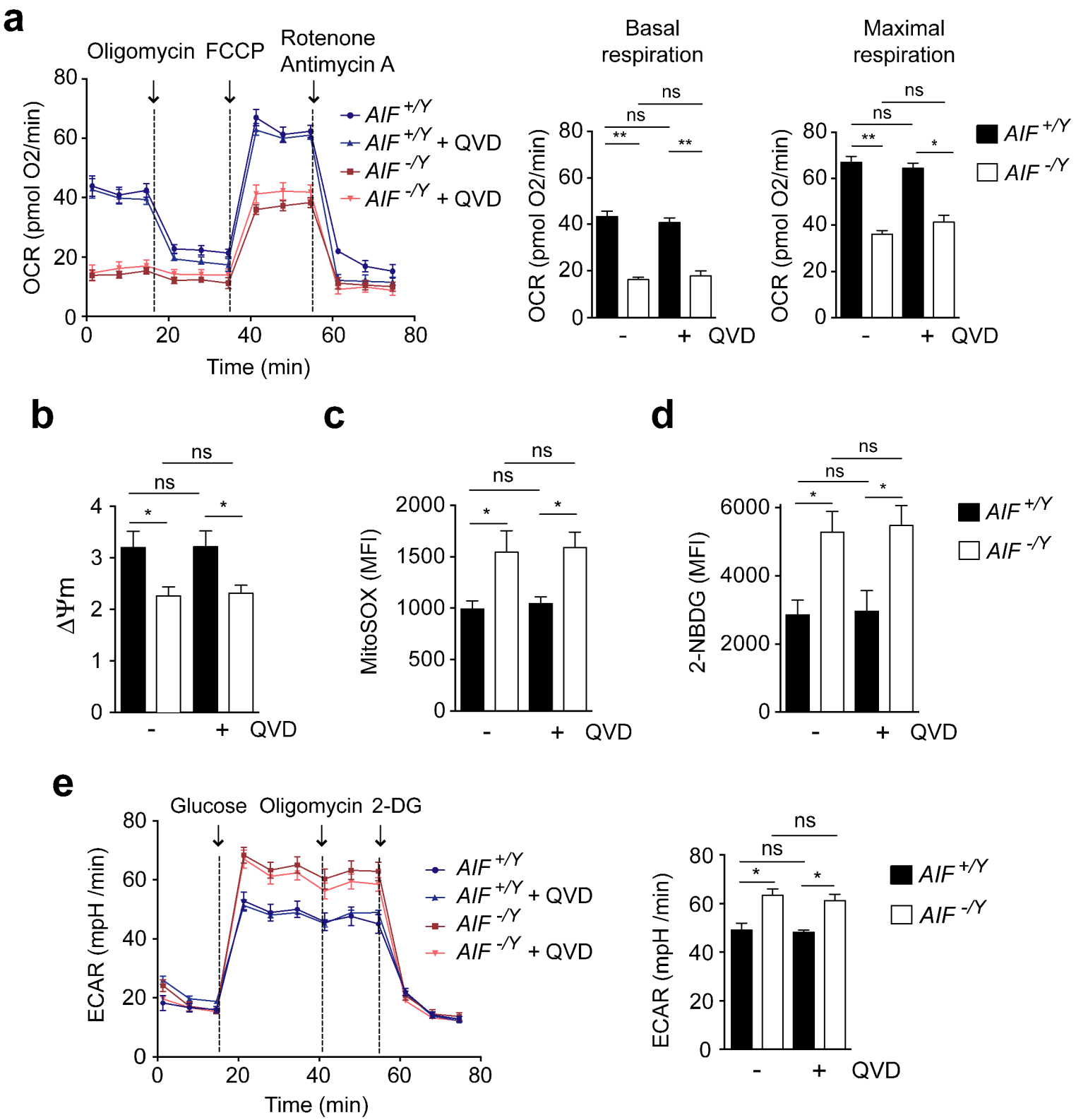

Supplementary Figure 5. The metabolic changes associated to AIF deficiency in BM cells are caspase-independent. (**a**) *Left*, Representative Seahorse OCR assessment of *AIF* $^{+/Y}$ and *AIF* $^{-/Y}$ BM cells pretreated or not during 30 min with the caspase inhibitor Q-VD-OPh (QVD, 1 µM) under basal conditions (initial rates) and in response to sequential treatment with Oligomycin, FCCP, and Rotenone/Antimycin A. Arrows indicate the time of the addition of each reagent. *Right*, Basal and ma ximal OCR of BM cells ± QVD expressed as a histogram (n = 3 independent experiments). (**b**) ΔΨm assessment performed in *AIF* $^{+/Y}$ and *AIF* $^{-/Y}$ BM cells ± QVD (n = 6 mice per group). (**c**) Mitochon drial ROS levels recorded in *AIF* $^{+/Y}$ and *AIF* $^{-/Y}$ BM cells ± QVD (n = 6 mice per group).(**d**) Glucose uptake measured by the assimilation of 2-NBDG in *AIF* $^{+/Y}$ and *AIF* $^{-/Y}$ BM cells ± QVD (n = 5 mice per group). (**e**) Representative ECAR of *AIF* $^{+/Y}$ and *AIF* $^{-/Y}$ BM cells ± QVD measured in response to sequential addition of Glucose, Oligomycin, and 2-deoxyglucose (2-DG). Arrows indicate the time of the addition of each reagent. *Right*, ECAR of BM cells ± QVD after Glucose treatment expressed as a histogram (n= 3 independent experiments). Statistical significance was calculated by Mann Whitney test. Bars represent mean ± SEM. All tests were performed in BM cells from 21-day-old animals.