Supplementary Figure 2

(a) OCR (pMoles/min) over time with different treatments. 
- Oligomycin 5μm
- FCCP 1μm
- Antimycin A & Rotenone 2.5μm
- Basal Respiration
- ATP Production
- Maximal Respiration
- Proton Leak
- Non-mitochondrial Respiration

(b) Spare Capacity

(c) Maximal Respiration (mitochondrial)

(d) Non-mitochondrial Respiration

(e) Proton Leak
Supplementary Figure 2. Mitochondrial parameters of the highly metastatic MDA-MB-231HM.LNm5 (MDA-231HM.LNm5) and parental MDA-MB-231 (MDA-231) cell lines: the XF Mito Stress test involves measurement of baseline oxygen consumption rate (OCR) in the presence of glucose (11 mmol/L) and following subsequent addition of oligomycin (5 μmol/L), carbonyl cyanide-4 (trifluoromethoxy) phenylhydrazone (FCCP) (1 μmol/L) and finally antimycin plus rotenone (2.5 μmol/L of each) (A); this procedure allows the quantification of basal mitochondrial respiration, ATP production, spare respiration capacity (B), maximal mitochondrial respiration (C), non-mitochondrial respiration (D) and proton leak (E). Data are presented as mean ± SEM, n = 5-7. The student’s t-test was used to test for statistical significance. NS: not significant; *P < 0.05, **P < 0.01