

## **Supplemental Material to:**

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**Ketone body utilization drives tumor  
growth and metastasis**

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**Supplemental Table 1. Proteomic Analysis of MDA-MB-231 Cells After 3-Hydroxy-Butyrate Treatment**

	Fold change (Butyrate/Control)	Accession Number	Protein Spot Number	Localization
<b>Protein Synthesis</b>				
ribosomal protein, large, P2 (RPLP2)	1.61	gi 4506671	18	Cyto
eukaryotic translation initiation factor 2B, subunit 2 beta, 39kDa (EIF2B2)	1.41	gi 7657058	10	Cyto
eukaryotic translation elongation factor 1 alpha 1 (EEF1A1)	1.4	gi 58761240	9	
eukaryotic translation elongation factor 2 (EEF2)	1.32	gi 4503483	3	Cyto
<b>EMT Markers</b>				
vimentin (VIM)	2.57	gi 340219	7	
vimentin (VIM)	2.01	gi 340219	6	
vimentin (VIM)	1.61	gi 340219	5	
myosin, light chain 6, alkali, smooth muscle and non-muscle (MYL6)	1.69	gi 113812151	19	
<b>Metabolism/ Glycolysis</b>				
triosephosphate isomerase 1 (TPI1)	1.67	gi 999892	11	Cyto
<b>Protein Folding/Calcium Binding/ Heat Shock</b>				
calmodulin (CALM1)	7.15	gi 12862373	17	
calumenin (CALU)	1.39	gi 119604085	8	ER
calreticulin (CALR)	1.31	gi 62897681	4	ER
<b>Neuronal Proteins</b>				
hippocalcin-like 1 (HPCAL1)	1.5	gi 19913441	15	
phosphatidylethanolamine binding protein 1 (PEBP1)	1.42	gi 4505621	12	Cyto
<b>Others</b>				
CCHC-type zinc finger, nucleic acid binding protein (CNBP)	2.38	gi 4827071	13	Cyto/ER