

Online Supporting Material

Supplemental Table 2. Top Biological Functions Regulated by 5% BB Ingestion in MDA-MB-231 Tumors From Female, Nude Mice Compared to Control-fed Mice

Diseases and Disorders			P-value			Genes, n		
Inflammatory Response			3.10 x 10 ⁻⁶ - 2.63 x 10 ⁻²			58		
Inflammatory Disease			6.77 x 10 ⁻⁶ - 2.63 x 10 ⁻²			69		
Ophthalmic Disease			2.42 x 10 ⁻⁵ - 2.15 x 10 ⁻²			24		
Respiratory Disease			2.65 x 10 ⁻⁵ - 1.73 x 10 ⁻²			32		
Cardiovascular Disease			3.01 x 10 ⁻⁵ - 2.19 x 10 ⁻²			27		
Molecular and Cellular Functions			P-value			Genes, n		
Gene Expression			7.03 x 10 ⁻⁵ - 2.63 x 10 ⁻²			11		
Cell-To-Cell Signaling & Interaction			8.78 x 10 ⁻⁵ - 2.63 x 10 ⁻²			69		
Cellular Development			9.33 x 10 ⁻⁵ - 2.46 x 10 ⁻²			51		
Cell Cycle			1.72 x 10 ⁻⁴ - 1.73 x 10 ⁻²			8		
Cellular Movement			2.17 x 10 ⁻⁴ - 2.58 x 10 ⁻²			66		
Physiological System Development & Function			P-value			Genes, n		
Hematological System Development & Function			8.78 x 10 ⁻⁵ - 2.53 x 10 ⁻²			67		
Immune Cell Trafficking			8.78 x 10 ⁻⁵ - 2.53 x 10 ⁻²			48		
Hematopoiesis			9.33 x 10 ⁻⁵ - 2.46 x 10 ⁻²			37		
Humoral Immune Response			9.33 x 10 ⁻⁵ - 2.30 x 10 ⁻²			23		
Cardiovascular System Development & Function			3.38 x 10 ⁻⁴ - 2.63 x 10 ⁻²			21		
Log (2) Ratio Upregulated Genes			Log (2) Ratio Downregulated Genes					
Name	Expression Value	P-value	Name	Expression Value	P-value			
THBS2	3.736	8.95 x 10 ⁻²	HMCN1	-1.388	1.76 x 10 ⁻²			
LYZ	2.104	5.26 x 10 ⁻³	HYDIN	-1.285	1.80 x 10 ⁻²			
ATP6VOD2	1.948	5.13 x 10 ⁻³	SLC4A8	-1.262	1.35 x 10 ⁻²			
SFRP4	1.794	7.47 x 10 ⁻³	XCL1	-1.209	3.21 x 10 ⁻³			
HLA-DQA2	1.660	5.12 x 10 ⁻²	CP	-1.181	1.78 x 10 ⁻³			
VAV3	1.393	1.42 x 10 ⁻²	NPIP	-1.177	6.70 x 10 ⁻³			
SEPP1	1.369	9.76 x 10 ⁻³	INSL4	-1.126	2.73 x 10 ⁻³			
NCKAP1L	1.352	4.26 x 10 ⁻³	LTB4R	-1.118	3.87 x 10 ⁻⁴			