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IPA predicted pathways affected (BMI1)

Top Canonical Pathways		
Name	p-value	Overlap
cAMP-mediated signaling	1.33E-05	11.2 % 24/214
G-Protein Coupled Receptor Signaling	2.44E-05	10.2 % 27/266
nNOS Signaling in Skeletal Muscle Cells	1.94E-04	35.7 % 5/14
Myotrophic Lateral Sclerosis Signaling	2.00E-04	12.8 % 14/109
Melatonin Signaling	5.41E-04	14.7 % 10/68

IPA predicted pathways affected (H2Aub)

Top Canonical Pathways		
Name	p-value	Overlap
Axonal Guidance Signaling	6.73E-07	7.3 % 32/438
Leukocyte Extravasation Signaling	5.70E-05	8.3 % 17/204
Protein Kinase A Signaling	1.11E-04	6.5 % 24/370
Gap Junction Signaling	2.09E-04	8.5 % 14/165
G12/13 Signaling	2.17E-04	9.4 % 12/127

