

Supplemental Table 14: Pathway analysis results performed on DETGs repressed in MM compared to HM EACs (Binom. Test, p-unadj).

		Reference (Homo sapiens) Input Gene List					
Annotation Data Set	Term	Gene_Count	Gene_Count	Expected	Over/Under-Enrichment	Fold_Enrichment	P-unadj
PANTHER GO-Slim Molecular Function	intermediate filament binding (GO:0019215)	12	1	0.01	+	70.14	1.42E-02
	ligand-activated sequence-specific DNA binding RNA polymerase II transcription factor activity (GO:0004879)	38	1	0.05	+	22.15	4.42E-02
	kinase activator activity (GO:0019209)	42	1	0.05	+	20.04	4.87E-02
	lipid transporter activity (GO:0005319)	43	1	0.05	+	19.57	4.99E-02
	lipid binding (GO:0008289)	124	2	0.15	+	13.58	9.52E-03
	structural constituent of cytoskeleton (GO:0005200)	246	2	0.29	+	6.84	3.43E-02
	transporter activity (GO:0005215)	922	4	1.1	+	3.65	2.23E-02
PANTHER Pathways	Cell cycle (P00013)	24	1	0.03	+	35.07	2.81E-02