

Supplemental Table 13: Pathway analysis results performed on DETGs repressed in HM compared to MM EACs (Binom. Test, p-adj).

		Reference (Homo sapiens)	Input Gene List				
Annotation Data Set	Term	Gene_Count	Gene_Count	Expected	Over/Under-Enrichment	Fold_Enrichment	P-adj
PANTHER GO-Slim Biological Process	cell adhesion (GO:0007155)	336	8	0.5	+	16.16	5.60E-06
	biological adhesion (GO:0022610)	336	8	0.5	+	16.16	5.60E-06
	cell-cell signaling (GO:0007267)	513	7	0.76	+	9.26	1.87E-03
	Unclassified (UNCLASSIFIED)	10635	9	15.67	-	0.57	0.00E+00
PANTHER Pathways	Cadherin signaling pathway (P00012)	148	6	0.22	+	27.52	1.20E-05
	Wnt signaling pathway (P00057)	298	6	0.44	+	13.67	6.88E-04
	Unclassified (UNCLASSIFIED)	18605	22	27.41	-	0.8	0.00E+00