

**Supplemental Table 12: Pathway analysis results performed on DETGs repressed in LM compared to HM 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 Cellular Component	basal part of cell (GO:0045178)	10	3	0.02	+	> 100	7.00E-05
	plasma membrane (GO:0005886)	1317	12	2.57	+	4.68	3.18E-04
	Unclassified (UNCLASSIFIED)	14246	22	27.76	-	0.79	0.00E+00
PANTHER GO-Slim Molecular Function	transmembrane receptor protein tyrosine kinase activity (GO:0004714)	60	3	0.12	+	25.66	4.03E-02
	Unclassified (UNCLASSIFIED)	12190	20	23.75	-	0.84	0.00E+00