

Gene sets and pathways	MsigDB set name	p value
Circadian rhythm/photoreceptor	KEGG_CIRCADIAN_RHYTHM_MAMMAL	2.79E ⁻¹¹
c-MYC pathway	PID_MYC_REPRESS_PATHWAY	1.33E ⁻⁹
Steroid biosynthesis	KEGG_STEROID_BIOSYNTHESIS	2.94E ⁻⁹
Wnt/β-catenin pathway	ST_WNT_BETA_CATENIN_PATHWAY	1.06E ⁻⁸
Hedgehog pathway	PID_HEDGEHOG_GLI_PATHWAY	8.49E ⁻⁷
Netrin pathway	REACTOME_NETRIN1_SIGNALING	5.05E ⁻⁷
p53 pathway	BIOCARTA_P53_PATHWAY	4.61E ⁻⁶
Ras pathway	PID_RAS_PATHWAY	7.54E ⁻⁶
Fatty Acyl-CoA Biosynthesis	REACTOME_FATTY_ACYL_COA_BIOSYNTHESIS	1.73E ⁻⁷
Notch 2 pathway	REACTOME_SIGNALING_BY_NOTCH2	8.31E ⁻⁵
Erk pathway	REACTOME_SIGNALLING_TO_ERKS	3.15E ⁻⁴
Cholesterol biosynthesis	REACTOME_CHOLESTEROL_BIOSYNTHESIS	3.40E ⁻⁴

Table S1. Gene sets and pathways with selective enrichment among MB subtypes.