

## Top 20 Downregulated Gene Sets for P5 rwMGN

NAME	SIZE	ES	NES	NOM p-val	FDR q-val	FWER p-val
NFKBPATHWAY	23	0.51477	1.525717	0	1	0.91
ASTIER_FN_DIFF	52	0.27873	1.503993	0	1	0.946
ASTIER_BCELL	51	0.26972	1.481648	0	1	0.946
FALT_BCLL_UP	37	0.39972	1.332901	0	1	1
CMV_HCMV_TIMECOURSE_14HRS_DN	34	0.33759	1.320187	0.110883	1	1
HSA04930_TYPE_II_DIABETES_MELLITUS	41	0.38516	1.311868	0.1	1	1
HSA04742_TASTE_TRANSDUCTION	26	0.40352	1.278951	0.104938	1	1
HSA04310_WNT_SIGNALING_PATHWAY	137	0.23798	1.25605	0	1	1
CELLCYCLEPATHWAY	21	0.30326	1.251048	0.10119	1	1
HUMAN_TISSUE_PANCREAS	31	0.41914	1.209177	0.227642	1	1
NOUZOVA_CPG_METHLTD	48	0.26657	1.197118	0	1	1
VERNELL_PRB_CLSTR2	17	0.42241	1.162737	0.17773	1	1
TAKEDA_NUP8_HOXA9_6H_DN	35	0.38585	1.141964	0.336016	1	1
HSA05217_BASAL_CELL_CARCINOMA	54	0.34107	1.136774	0.323108	1	1
CANCERDRUGS_PROBCELL_UP	19	0.3686	1.11091	0.206897	1	1
ST_JNK_MAPK_PATHWAY	38	0.31233	1.095413	0.186235	1	1
UVC_HIGH_ALL_UP	16	0.3942	1.095124	0.40873	1	1
STANELLE_E2F1_UP	25	0.30069	1.094072	0.322	1	1
BADPATHWAY	20	0.35335	1.093088	0.30042	1	1