Selected GSEA Significantly Enriched Pathway Results

Path NES\_Disease NES\_BMI\_Adjust

REACTOME\_TRIGLYCERIDE\_BIOSYNTHESIS 2.24\* -2.72\*

STEROID\_BIOSYNTHETIC\_PROCESS 2.11\* -0.94 (NS)

KEGG\_BIOSYNTHESIS\_OF\_UNSATURATED\_FATTY\_ACIDS 2.41\* -3.17\*

KEGG\_RIBOSOME -2.33\* 4.67\*

KEGG\_VALINE\_LEUCONE\_AND\_ISOLEUCINE\_DEGRADATION 2.16\* -2.63\*

PROTEASOME\_COMPLEX 1.78\* -3.27\*

KEGG\_CITRATE\_CYCLE\_TCA\_CYCLE 2.41\* -3.01\*

PYRUVATE\_METABOLISM 2.24\* -3.21\*

KEGG\_STARCH\_AND\_SUCROSE\_METABOLISM 2.08\* -2.08\*

KEGG\_ALLOGRAFT\_REJECTION -1.87\* 2.30\*

KEGG\_BASAL\_CELL\_CARCINOMA -1.86\* 1.82\*

M\_PHASE\_OF\_MITOTIC\_CELL\_CYCLE 2.60\* 1.24 (NS)