

#614286 MYELODYSPLASTIC SYNDROME; MDS

OMIM Gene ID	HGNC	UniProtAC
137295	GATA2	P23769
605590	SF3B1	O75533
612839	TET2	Q6N021
612990	ASXL1	Q8IXJ9

Table 1: OMIM - UniProtAC mapping

Legend

- N1: #input proteins associated to the significant GO term
- N2: #proteins associated to the significant GO term
- P-value: Bonferroni-corrected p-value of Fisher's exact test
- *red*: go terms not related to the input proteins
- *blue*: go terms related to the input proteins (enriched uniquely by network-based method)
- *green*: go terms ancestors of terms enriched with the standard method (enriched uniquely by network-based method)

1 Standard enrichment

GO Term	N1	N2	P-value	Description
GO:0045599	2	72	0.00652949	negative regulation of fat cell differentiation
GO:0045598	2	144	0.026235	regulation of fat cell differentiation
GO:0006211	1	1	0.0322179	5-methylcytosine catabolic process
GO:0019857	1	1	0.0322179	5-methylcytosine metabolic process
GO:0045944	3	1312	0.0496386	positive regulation of transcription from RNA polymerase II promoter

Table 2: Overrepresented GO terms with the standard enrichment

2 Network-based enrichment

No novel enriched terms