

# #604367 LIPODYSTROPHY, FAMILIAL PARTIAL, TYPE 3; FPLD3

| OMIM Gene ID | HGNC    | UniProtAC |
|--------------|---------|-----------|
| 600917       | PPP1R3A | Q16821    |
| 601487       | PPARG   | P37231    |

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:0045713 | 1  | 1  | 0.0181226 | low-density lipoprotein particle receptor biosynthetic process |
| GO:0032799 | 1  | 2  | 0.0362448 | low-density lipoprotein receptor particle metabolic process    |
| GO:0060694 | 1  | 2  | 0.0362448 | regulation of cholesterol transporter activity                 |

Table 2: Overrepresented GO terms with the standard enrichment

## 2 Network-based enrichment

*No novel enriched terms*