

## #607748 HYPERCHOLANEMIA, FAMILIAL; FHCA

| OMIM Gene ID | HGNC  | UniProtAC |
|--------------|-------|-----------|
| 132810       | EPHX1 | P07099    |
| 602938       | BAAT  | Q14032    |
| 607709       | TJP2  | Q9UDY2    |

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:0002152 | 1  | 1  | 0.00786901 | bile acid conjugation |

Table 2: Overrepresented GO terms with the standard enrichment

## 2 Network-based enrichment

*No novel enriched terms*