

## #103780 ALCOHOL DEPENDENCE

| OMIM Gene ID | HGNC    | UniProtAC |
|--------------|---------|-----------|
| 103720       | ADH1B   | P00325    |
| 103730       | ADH1C   | P00326    |
| 137140       | GABRA2  | P47869    |
| 182135       | HTR2A   | P28223    |
| 604867       | TAS2R16 | Q9NYV7    |
| 607867       | RCBTB1  | Q8NDN9    |

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:0006069 | 2  | 21 | 0.00136034 | ethanol oxidation                 |
| GO:0006067 | 2  | 25 | 0.00194279 | ethanol metabolic process         |
| GO:0034308 | 2  | 55 | 0.00959645 | primary alcohol metabolic process |

Table 2: Overrepresented GO terms with the standard enrichment

## 2 Network-based enrichment

*No novel enriched terms*