

# #162091 SCHWANNOMATOSIS 1; SWNTS1

| OMIM Gene ID | HGNC    | UniProtAC |
|--------------|---------|-----------|
| 601607       | SMARCB1 | Q12824    |
| 607379       | NF2     | P35240    |

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:0039692 | 1  | 2  | 0.0273426 | single stranded viral RNA replication via double stranded DNA intermediate |

Table 2: Overrepresented GO terms with the standard enrichment

## 2 Network-based enrichment

| GO Term    | N1 | N2  | P-value   | Description   |
|------------|----|-----|-----------|---------------|
| GO:0009566 | 2  | 305 | 0.0401839 | fertilization |

Table 3: Overrepresented terms with the network-based enrichment. Only terms not detected with the standard method.