

#211400 BRONCHIECTASIS WITH OR WITHOUT ELEVATED SWEAT CHLORIDE 1; BESC1

OMIM Gene ID	HGNC	UniProtAC
600760	SCNN1B	P51168
602421	CFTR	P13569

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:0055067	2	104	0.00175213	monovalent inorganic cation homeostasis
GO:1901529	1	1	0.0123467	positive regulation of anion channel activity
GO:1902941	1	1	0.0123467	regulation of voltage-gated chloride channel activity
GO:1902943	1	1	0.0123467	positive regulation of voltage-gated chloride channel activity
GO:0010359	1	2	0.0246931	regulation of anion channel activity
GO:2001225	1	4	0.0493846	regulation of chloride transport

Table 2: Overrepresented GO terms with the standard enrichment

2 Network-based enrichment

GO Term	N1	N2	P-value	Description
GO:0030104	2	114	0.00746324	water homeostasis
GO:0007588	2	120	0.00827316	excretion
GO:0035725	2	244	0.0343511	sodium ion transmembrane transport

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