

Table S1. Identified proteins in AQP2 MYTH

Bait	Name	Alternative names
pTMBD-hAQP2wt	Homo sapiens syntaxin 8 (STX8), transcript variant 1, mRNA	CARB
pTMBD-hAQP2wt	Homo sapiens ubiquitin C (UBC), mRNA	HMG20
pTMBD-hAQP2wt	Homo sapiens immediate early response 3 (IER3), mRNA	DIF2; IEX1; PRG1; DIF-2; GLY96; IEX-1; IEX-1L
pTMBD-hAQP2wt	Homo sapiens aquaporin 2 (collecting duct) (AQP2), mRNA	
pTMBD-hAQP2wt	Homo sapiens Nedd4 family interacting protein 2 (NDFIP2), transcript variant 1, mRNA	N4WBP5A; FLJ25842; KIAA1165
pTMBD-hAQP2wt	Homo sapiens B-cell receptor-associated protein 31 (BCAP31), transcript variant 4, non-coding RNA	CDM; BAP31; 6C6-AG; DXS1357E
pTMBD-hAQP2wt	Homo sapiens chromosome 20 open reading frame 30 (C20orf30), transcript variant 4, mRNA	
pTMBD-hAQP2wt	Homo sapiens signal peptidase complex subunit 1 homolog (<i>S. cerevisiae</i>) (SPCS1), mRNA	SPC1; SPC12; HSPC033; YJR010C-A
pTMBD-hAQP2-K270R	Homo sapiens proteolipid protein 2 (colonic epithelium-enriched) (PLP2), mRNA	A4; A4LSB; MGC126187
pTMBD-hAQP2-K270R	Homo sapiens ubiquitin-conjugating enzyme E2, J1, U (UBE2J1), mRNA	UBC6; Ubc6p; CGI-76; NCUBE1; HSPC153; HSPC205; NCUBE-1; HSU93243; MGC12555
pTMBD-hAQP2-K270R	Homo sapiens coiled-coil domain containing 167 (CCDC167), mRNA	
pTMBD-hAQP2-K270R	Homo sapiens chromosome 14 open reading frame 1 (C14orf1), mRNA	
pTMBD-hAQP2-K270R	Homo sapiens signal sequence receptor, gamma (translocon-associated protein gamma) (SSR3), mRNA	TRAPG
pTMBD-hAQP2-K270R	Homo sapiens collagen, type IV, alpha 3 (Goodpasture antigen) binding protein (COL4A3BP), transcript variant 1, mRNA	CERT; GPBP; CERTL; STARD11; FLJ20597
pTMBD-hAQP2-S261D	Homo sapiens claudin 7 (CLDN7), mRNA	CLDN-7; CEPTRL2; CPETRL2; Hs.84359; claudin-1
pTMBD-hAQP2-S261D	Homo sapiens actin, beta (ACTB), mRNA	PS1TP5BP1
pTMBD-hAQP2-S261D	Homo sapiens chromosome 4 open reading frame 3 (C4orf3), transcript variant 2, mRNA	
pTMBD-hAQP2-S261D	Homo sapiens signal peptidase complex subunit 1 homolog (<i>S. cerevisiae</i>) (SPCS1), mRNA	SPC1; SPC12; HSPC033; YJR010C-A
pTMBD-hAQP2-S256D-S264D-T269E	Homo sapiens eukaryotic translation elongation factor 1 alpha 1 (EEF1A1), mRNA	CCS3; EF1A; PTI1; CCS-3; EE1A1; EEF-1; EEF1A; EF-Tu; LENG7; eEF1A-1; FLJ25721; GRAF-1EF
pTMBD-hAQP2-S256D-S264D-T269E	Homo sapiens solute carrier family 5 (sodium/glucose cotransporter), member 2 (SLC5A2), mRNA	SGLT2
pTMBD-hAQP2-S256D-S264D-T269E	Homo sapiens sorting nexin 5 (SNX5), transcript variant 1, mRNA	FLJ10931
pBT3-hAQP2-S256D-S264D-T269E	Homo sapiens elongation factor, RNA polymerase II, 2 (ELL2), mRNA	
pBT3-hAQP2-S256D-S264D-T269E	Homo sapiens VAMP (vesicle-associated membrane protein)-associated protein B and C (VAPB), transcript variant 1, mRNA	ALS8; VAP-B; VAMP-B
pBT3-hAQP2-S256D-S264D-T269E	FAM48A (family with sequence similarity 48, member A)	C13; FP757; P38IP; SPT20; C13orf19; bA421P11.4
pBT3-hAQP2-S256D-S264D-T269E	TM9SF2 (transmembrane 9 superfamily member 2)	P76
pBT3-hAQP2-S256D-S264D-T269E	GPAA1 glycosylphosphatidylinositol anchor attachment protein 1 homolog	GAA1; hGAA1