

Appendix II

Hyperlinked GenBank or Ensembl protein accession numbers for non-mammalian Slc4-like transporters (see Figures 4 and 8)

In this appendix we provide a list of GenBank or Ensembl protein accession numbers for the non-mammalian NCBI sequences referred to in the review. Each accession number is hyperlinked to its corresponding entry on the corresponding database (1).

Table 1. GenBank protein accession numbers for Slc4-like protein sequences represented in Figure 4.

Species	Gene	Protein Accession
<i>Nitrococcus mobilis</i>	'Nitro'	ZP_01128815
<i>Dictyostelium discoideum</i>		XP_646790
<i>Ostreococcus lucimarinus</i>	Primitive (2G)	XP_001417272
	Primitive (7)	XP_001417844
<i>Physcomitrella patens</i>	Primitive	XP_001765760
	PpBOR1	XP_001766018
	PpBOR2	XP_001759676
<i>Arabidopsis thaliana</i>	AtBOR1	NP_001078071
	AtBOR2	NP_191786
	AtBOR3	NP_187296
	AtBOR4	NP_172999
	AtBOR5	NP_177619
	AtBOR6	NP_197925
	AtBOR7	NP_194977
<i>Oryza sativa</i>	OsBOR1	NP_001067049
	OsBOR2	ABD78950
	OsBOR3	BAG92966
	OsBOR4	ABD78951
<i>Coprinopsis cineria</i>		EAU85942
<i>Aspergillus niger</i>	BOR-like (6G)	CAK43550
	BOR-like (14)	CAK39400
	BOR-like (23)	CAL00656

Species	Gene	Protein Accession
<i>Saccharomyces cerevisiae</i>	BOR1p	NP_014124
<i>Suberites domuncula</i>	NBCSA	CAF32326
<i>Trichoplax adhaerens</i>	AE-like (9)	XP_002110840
	AE-like (16)	XP_002110841
	BOR-like	XP_002115332 and XP_002115333
<i>Nematostella vectensis</i>	AE-like (8)	XP_001623893
	AE-like (11)	XP_001637907
	NCBT-like (17)	XP_001619189
	BOR-like	XP_001632673 and XP_001632674
<i>Caenorhabditis elegans</i>	ABTS-1	NP_492258
	ABTS-2	NP_509936
	ABTS-3	NP_001033333
	ABTS-4	NP_001024827
<i>Doryteuthis (Loligo) pealei</i>	AE-like	ABF06445
	sqNBCe	ABF06444
	sqNDCBE	AAN75454
<i>Drosophila melanogaster</i>	CG8177	NP_648357
	NDAE1	NP_523501
<i>Strongylocentrotus purpuratus</i>	AE-like (10)	XP_793649
	AE-like (16)	XP_791964
	Sp-NBC	NP_001073019
	NCBT-like (22)	XP_786033
	BOR-like	XP_784629
<i>Ciona intestinalis</i>	AE-like	XP_002124608
	NCBT-like	XP_002124093
	BOR-like	XP_002128564

Table 2. GenBank or Ensembl protein accession numbers for the non-mammalian orthologs of Slc4a4, Slc4a5 and Slc4a9 that were used to generate the alignment upon which the cladogram in Figure 8 is based.

Species	Gene	Protein Accession
<i>Zebrafish (Danio rerio)</i>	Slc4a4.1	NP_001030156
	Slc4a4.2	XP_690120
	Slc4a5.1	XP_001921823
	Slc4a5.2	CAM14250
<i>Clawed Frog (Xenopus tropicalis)</i>	Slc4a4	XP_002940622
	Slc4a5	XP_002933018
	'Slc4a9'	ENSXETT00000039713
<i>Fowl (Gallus gallus)</i>	Slc4a4	XP_420603
	Slc4a5	XP_423797
	Slc4a9	XP_001232428

References

1. **Sayers EW, Barrett T, Benson DA, Bolton E, Bryant SH, Canese K, Chetvernin V, Church DM, Dicuccio M, Federhen S, Feolo M, Fingerman IM, Geer LY, Helmberg W, Kapustin Y, Krasnov S, Landsman D, Lipman DJ, Lu Z, Madden TL, Madej T, Maglott DR, Marchler-Bauer A, Miller V, Karsch-Mizrachi I, Ostell J, Panchenko A, Phan L, Pruitt KD, Schuler GD, Sequeira E, Sherry ST, Shumway M, Sirotkin K, Slotta D, Souvorov A, Starchenko G, Tatusova TA, Wagner L, Wang Y, Wilbur WJ, Yaschenko E, and Ye J.** Database resources of the National Center for Biotechnology Information. *Nucleic Acids Res* 40: D13-D25, 2012.