

# Supplemental Materials

*Molecular Biology of the Cell*

Patel-King and King

**Table 1      WDR92 Sequence Accession Numbers used for Phylogenetic Analysis**

This table indicates the taxonomic position, species name and accession numbers for the proteins used for phylogenetic analysis; the BLAST expect values obtained by searching with the *S. mediterranea* sequence are shown.

## Supplemental Table 1

### WDR92 Protein Sequence Accession Numbers used for Phylogenetic Analysis

Taxonomic Description	Species Name	Accession Number	Expect Value <sup>#</sup>
Chlorophyta (green alga)	<i>Chlamydomonas reinhardtii</i>	NM_001695862	1e-154
Chlorophyta (green alga)	<i>Ostreococcus lucimarinus</i>	XM_001416582	1e-106
Chlorophyta (green alga)	<i>Volvox carteri</i>	NM_002952807	3e-158
Lycopodiopsida (club moss)	<i>Selaginella moellendorffii</i>	NM_002960961	3e-149
Bryophyta (moss)	<i>Physcomitrella patens</i>	NM_001758244	1e-150
Phaeophyceae (brown alga)	<i>Ectocarpus siliculosus</i>	CBJ32445	2e-153
Chordata (mammal)	<i>Homo sapiens</i>	EU832799	5e-180
Chordata (fish)	<i>Danio rerio</i>	NM_001017621	0.0
Chordata (sea squirt)	<i>Ciona intestinalis</i>	NM_002126401	4e-165
Platyhelminthes (planarian)	<i>Schmidtea mediterranea</i>	SMU15038805	Query Sequence
Echinodermata (sea urchin)	<i>Strongylocentrotus purpuratus</i>	XM_780956	2e-174
Arthropoda (insect)	<i>Drosophila melanogaster</i>	BT032972	3e-147
Annelida (leach)	<i>Helobdella robusta</i>	XM_009020014	6e-179
Cnidaria (sea anemone)	<i>Nematostella vectensis</i>	XM_001622813	6e-178
Placozoa	<i>Trichoplax adhaerens</i>	XM_002115890	2e-180
Choanoflagellata	<i>Monosiga brevicolis</i>	XM_001750000	8e-148
Excavata	<i>Trypanosoma cruzi</i>	XM_800678	3e-111
Oomycota	<i>Phytophthora sojae</i>	XM_009541021	1e-152
Chytridomycota	<i>Batrachochytrium dentrobatidis</i>	XM_006676312	4e-153
Zygomycota	<i>Lichtheimia ramosa</i>	CDS06562	4e-77
Alveolata	<i>Tetrahymena thermophila</i>	XM_001021497	9e-147
Alveolata	<i>Paramecium tetraurelia</i>	XM_001446273	9e-109
Bacillariophyceae (Diatom)	<i>Thalassiosira pseudonana</i>	XM_002286243	3e-134
Angiospermae* (flowering plants)	<i>Pyrus x bretschneideri</i> Chinese white pear	NM_009353091	1e-131

<sup>#</sup> The *Schmidtea* ortholog was used as the query sequence for tBLASTn and/or BLASTP searches of the non-redundant databases at NCBI.

\* Note that this sequence is the only WDR92 ortholog present in any angiosperm genome sequenced to date. Consequently, it almost certainly derives from sample contamination.