Supplemental Figure S4. Alignement of the icl centrin sub-families with their orthologs

The alignment covers the part of the proteins encompassing residues 29 to 169 of the Chlamydomonas Vfl2p centrin. The conserved residues which allow us to assign one centrin isoform to one sub-family are in colour. The alignment of the two Paramecium centriolar centrins (Pt-centrin2p and Pt-centrin3)) with their orthologs is also presented for comparison. The conserved residues common to both centriolar centrin sub-families are also coloured. The CLUSTALW alignments are visualized by BOXSHADE. Accession numbers: Cr-Vfl2 = CAA31163; Cp-centrin3 = XP_625971; Cp-centrin2 = XP_001388100; Cp-centrin = XP_627035; Hs-centrin2 = AAP35920; Hs-centrin3 = AAP35334; Pf-centrin2 = XP_001351001; Pf-centrin = XP_001348617; Pv-centrin3 = AAKM01002769.1; Pt-centrin3 = XP_001439003; Pt-centrin2 = XP_001427485; Ta-centrin3 = XP_954497; Ta-centrin2 = XP_954774; Ta-centrin = XP_955271; Tg-centrin = CB301495; Tt-centrin3 = XP_001470770; Tt-centrin2 = XP_001019292; Tt-00689850 = XP_001026988; Tt-00444870 = XP_001023350; Tt-00442810 = XP_001033194; Tt-00670560 = XP_001026377; Vc-spasmin = AAD00995; Za-spasmin1 = BAC43748; Za-spasmin2 = BAC43749. The accession numbers of the Paramecium ICL centrins are as in Table 1. Cr: Clamydomonas reinhardtii; Cp: Cryptosporidium parvum; Hs: Homo sapiens; Pf: Plasmodium falciparum; Pv: Plasmodium vivax ; Pt: Paramecium tetraurelia; Ta: Theileria annulata; Tt: Tetrahymena thermophila; Tg: Toxoplasma gondii; Vc: Vorticella convallaria; Za: Zoothamnium arbuscula.