Fig. S1. Mutation sites in psf3

Locations of five exons in the psf3+ gene (top) along with the encoded Psf3 protein (middle) and positions of mutations in psf3-15, psf3-21 and psf3-1 are shown. Amino acid sequences of relevant regions of fission yeast (SpPsf3), budding yeast (ScPsf3) and Xenopus (XIPsf3) are also presented (bottom). Mutations in psf3-1 alter the valine at position 56 to an aspartic acid (V56D) and the isoleucine at 159 into a similar amino acid leucine (I159L). Positions of altered amino acids in other alleles, psf3-15 (L46P) and psf3-21 (A47P), which have similar phenotypes with psf3-1 are also indicated.