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Supporting information for article:

Sqt1p is an eight-bladed WD40 protein

Frédéric Frénois, Pierre Legrand and Sébastien Fribourg

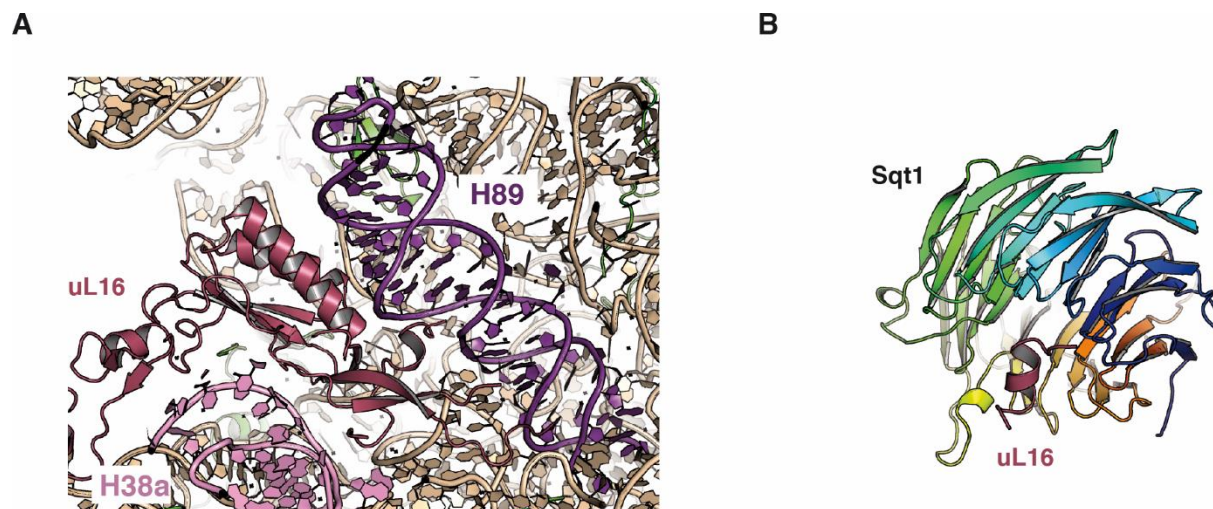


Figure S1 Sqt1 – uL16 interaction is incompatible with the uL16 position in the mature 60S ribosomal subunit. According to the position of uL16 in the mature 60S ribosomal subunit, Sqt1 would clash with Helix H89 of the ribosome. This argues for a mechanism of dissociation of Sqt1 prior to the final positioning of the ribosomal RNA. a) uL16 is sandwiched between H38a and H89 of the 28S rRNA in the mature 60S ribosomal subunit (Ben-Shem *et al.*, 2011). b) The uL16 – Sqt1 complex is shown under the same orientation as in a). The structure of uL16 – Sqt1 has been superimposed upon the uL16 in the 60S subunit (Ben-Shem *et al.*, 2011, Pausch *et al.*, 2015). As such, Sqt1 would clash with H89 of the 28S rRNA in the 60S ribosomal subunit.