



**Supplementary information, Fig. S10 | Sequence alignment of Nup205 orthologues from *X. laevis* (XI), *Homo sapiens* (Hs), *Rattus norvegicus* (Rn), and *Mus musculus* (Mm).**

Shown here is the sequence alignment of the full-length Nup205 from indicated

species. Conserved residues are boxed, with invariant ones shaded red. The secondary structural elements in Nup205 are indicated above the sequences. Structural elements interacting with other nucleoporins in the IR subunit are indicated.