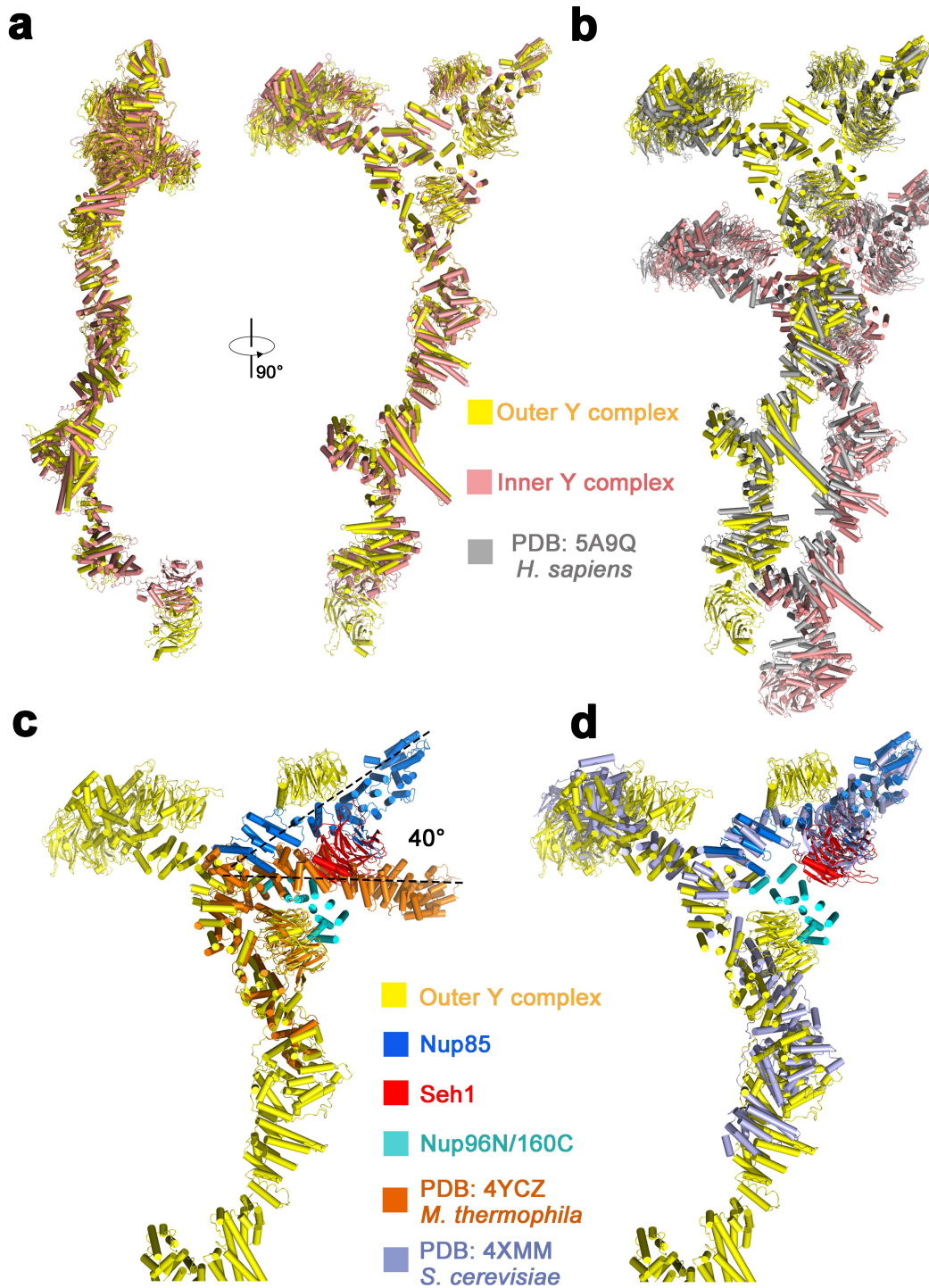


Supplementary information, Fig. S11



Supplementary information, Fig. S11 | Structural comparison among the Y complexes. **a**, Structural comparison between the inner and outer Y complexes within the same CR subunit. Two perpendicular views are shown. The inner and outer Y complexes are colored salmon and yellow, respectively. **b**, Structural comparison between the *X. laevis* Y complex and the *H. sapiens* Y complex. Coordinates of the

inner and outer Y complexes from *X. laevis* are superimposed with those from *H. sapiens*¹. The overall conformation and main features of the Y complexes remain very similar between these two species. The only notable difference is that the top and bottom faces of the Nup43 β -propeller in the *X. laevis* Y complexes are opposite of those in the human Y complexes. **c**, Structural comparison between the *X. laevis* Y complex with the *Myceliophthora thermophila* (*M. thermophila*) Y complex². **d**, Structural comparison between the *X. laevis* Y complex with the *Saccharomyces cerevisiae* (*S. cerevisiae*) Y complex³. The overall conformation of the *X. laevis* Y complex is similar to that of the *S. cerevisiae* Y complex, but numerous local structural variations are present. There are no *S. cerevisiae* homologues for the *X. laevis* Nup43 and Nup37.

References

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