SUPPLEMENTAL MATERIAL

FIGURE S1. Different reconstituted complexes of eIF3. (A) Tif34-Tif35 complex (third lane) formed out of individual proteins (first and second lane). (B) Prt1^{181C}-Tif34-Tif35 complex. (C) Tif32-Nip1 complex. (D) Tif32-Nip1-Prt1 complex. (E) Tif32-Nip1-Prt1-Tif34-Tif35 (full eIF3, first lane) and Nip1-Prt1-Tif34-Tif35 (second lane) complexes. (F) Tif32$^{1-494}$-Nip1-Prt1-Tif34-Tif35 complex.

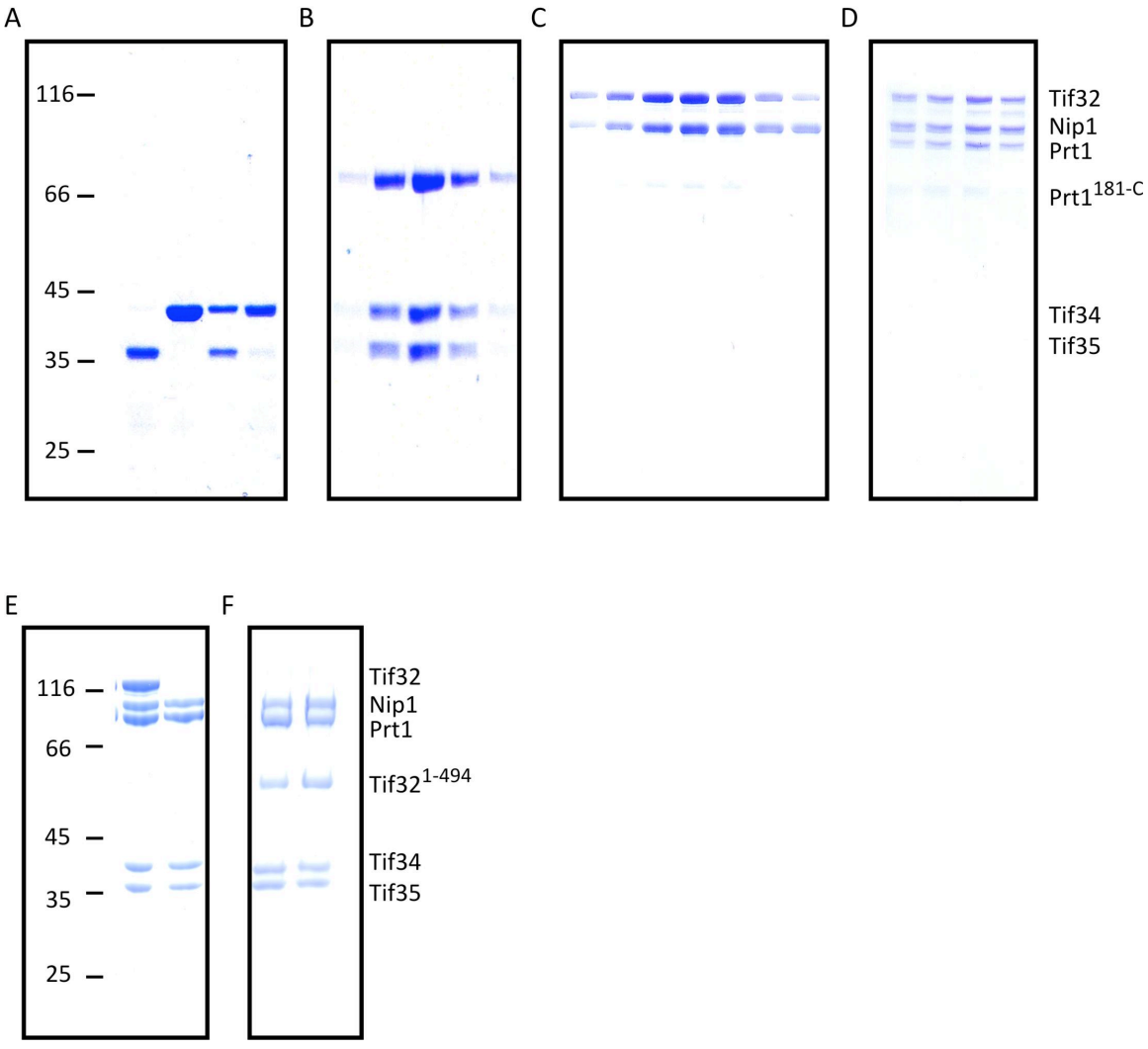

TABLE S1. List of the oligo-primers used in this work. In each case, the forward primers used for cloning of a certain protein or fragment are mentioned first (denoted F) followed by the corresponding reverse primers (denoted R).

Tif32^{FL}	F-BamHI	5’ C CGG GAT CCA ATG GCC CCC CCA CCA TTC 3’
	R-XhoI	5’ CCG CTC GAG TTA CCT GCC CCC CTT GGC 3’
Tif32$^{1-494}$	R-XhoI	5’ CCG CTC GAG TTA ATC TTT AGC GAA TGT AAC CTT AGC 3’
Tif32$^{544-919}$	F-BamHI	5’ CCG GGA TCA GAT CCT GTT ATT ATC CGC AAT TCT TA 3’
Tif32$^{544-919}$	R-XhoI	5’ CCG CTC GAG TTA ACC GGC TAG TCT CTG TTC G 3’
Nip1^{FL}	F-SmaI	5’ T CCC CCG GGT ATG TCC CGT TTC TTT TCG TCT AAT TAC 3’
Nip1^{240-C}	F-BamHI	5’ CCG GGA TCC ATT TCT TCG TCT CAA GGC AAT G 3’
	R-XhoI	5’ CCG CTC GAG TCA ACG ACG ATT TGA TGG TGG GTT AAG.3’
Prt1	F-NdeI	5’ GG GAA TTC CAT ATG AAA AAT TTT CTT CCA CGC ACA TTG AAA A 3’
Prt1^{181-C}	F-NdeI	5’ GG GAA TTC CAT ATG CCT ACA TTC GTT CCA TCT AGT 3’
	R-XhoI	5’ CCG CTC GAG TTC GAC CTT TTC CTT TGT TTC TTC 3
Tif34	F-NdeI	5’ GG GAA TTC CAT ATG AAG GCT ATC AAA TTA ACA GGT CAT G 3’
	R-XhoI	5’ CCG CTC GAG TTA ATT AGC TTC TTG CAT GTG CTC TTT A 3’
Tif35	F-SmaI	5’ T CCC CCG GGT ATG AGT GAA GTT GCA CCA GAG 3’
	R-XhoI	5’ CCG CTC GAG CTA TTC CTT AAC CTT AGG TTT GGA C 3’
Hcr1	F-BamHI	5’ CCG GGA TCC ATG TCT TGG GAC GAC GAA G 3’
	R-XhoI	5’ CCG CTC GAG TTA CAT AAA GTC GTC ATC ACC GAA 3’

TABLE S2. The list of expression vector and strains used in this study. This table lists the optimal combination of the vector, position and type of the tag, as well as the expression strain which was used to obtain the highest amount of soluble protein.

Protein	vector	tag	Expression strain
Tif32	pET28b	N-His	Rosetta2 (DE3)
$Tif32^{1-494}$	pET15b	N-His	Rosetta2 (DE3)
$Tif32^{494-919}$	pGEX-6P-1	N-GST	Rosetta2 (DE3)
$Tif32^{544-919}$	pGEX-6P-1	N-GST	Rosetta2 (DE3)
Nip1	pGEX-6P-1	N-GST	Bl21 (DE3)
$Nip1^{240C}$	pGEX-6P-1	N-GST	Rosetta2 (DE3)
Prt1	pET22b	C-His	Rosetta2 (DE3)
$Prt1^{181-C}$	pET15b	N-His	Rosetta2 (DE3)
Tif34	pET15b	N-His	Bl21 (DE3)
Tif35	pGEX-6P-1	N-GST	Rosetta2 (DE3)
Hcr1	pGEX-6P-1	N-GST	Rosetta2 (DE3)