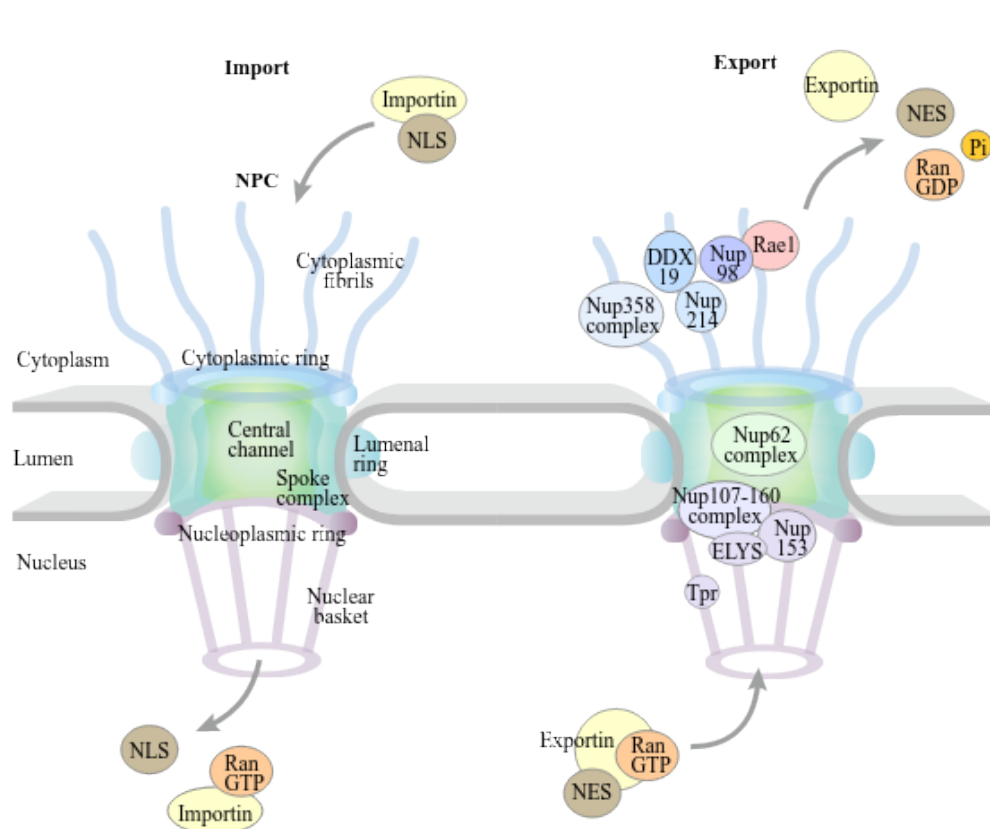


NUCLEOCYTOPLASMIC TRANSPORT



Nuclear Pore complex (NPC)

Cytoplasmic fibrils

ALADIN	hCG1	Gle1	DDX19	Rae1	Nup98	Nup214	Nup88	RanBP2	RanGAP	UBC9	SUMO
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Cytoplasmic ring / Nucleoplasmic ring (Symmetrical nups)

Nup160	Nup85	Sec13	Nup107	Nup133	Nup96	Seh1	Nup43	Nup37	ELYS	Nup145
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Central channel

Nup62	Nup58/45	Nup54	Nup205	Nup188	Nup155	Nup93	Nup53	Nup59
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Lumenal ring

NDC1	gp210	pom121	pom152	pom34	pom33
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Nuclear basket

Tpr	Nup50	Nup153	Senp2
Nup2	Nup1	Nup60	

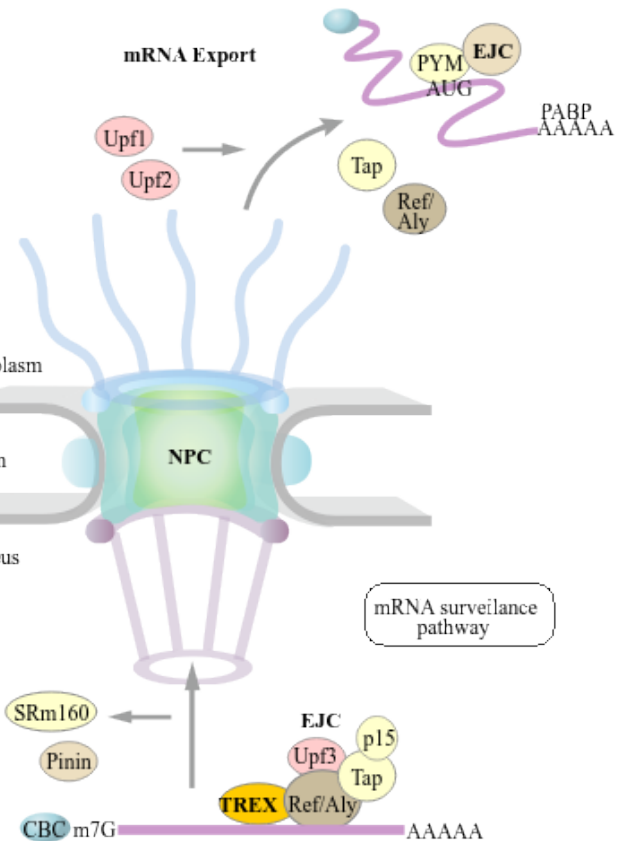
Nuclear transport complex

Importin

IPCA	IPOB	SPN1
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Exportin

XPO	Ran	eEF1A	
		PHAX	CBC
		NMD3	



Exon-junction complex (EJC)

EJC inner core

Y14	MAGOH	MLN51	EIF4A3
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EJC outer shell

ACIN1	SAP18	RNPS1	Pinin	Ref/Aly
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Transiently interacting factors

Upf1	Upf2	Upf3		
Tap	p15	UAP56	SRm160	PYM

Transcription-export (TREX) complex

THO subcomplex

THOC1	THOC2	THOC3	THOC6	THOC7	TEX1
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