

One hundred forty-four genes are detected as thor targets in thor Hyper-TRIBE and also the translational efficiency of them are decreased after treatment of mTOR inhibitor.

(Thor Hyper-TRIBE: Rapa\_common + Torin\_common

Ribosome profiling: TE<0.8, p<0.1)

**Ribosome proteins (39) :**

RPL5, RPL7, RPL7-LIKE, RPL9, RPL10, RPL10AB, RPL15, RPL18A, RPL23A, RPL24-LIKE, RPL26, RPL27, RPL28, RPL29, RPL31, RPL32, RPL35, RPL36A, RPL37A, RPL38, RPL41, RPLP0, RPLP1, RPLP2, RPS11, RPS13, RPS14B, RPS15AB, RPS16, RPS18, RPS26, RPS27, RPS27A, RPS28B, RPS29, RPS3A, RPS6, RPS7, mRPS9

**Translational initiation factors (11)**

eIF3b (eIF3-S9), eIF3d1 (eIF-3p66), eIF3e (Int6), eIF3g1 (CG8636), eIF3h, eIF3i (Trip1), eIF3j, eIF3k (CG10306), eIF3l (CG5642), eIF3m (Tango7)

eIF-2alpha

**Other translation related proteins (7)**

EEF1DELTA, EF1ALPHA48D, EF1GAMMA, ERF1, EIF-5A, AATS-TYR, NOP5(rRNA modification)

**The proteins with other and unknown functions (67+20)**

ZFRP8	PIX	DROJ2
TCTP	PCMT	COVB
SRP54K	PCH2	COOP
SRP19	NLP	CG9836
SLMO	NAP1	CG9350
SHRB	Mpcp2	CG9330
SESB	MGR	CG8386
SAM-S	MDH1	CG8353
RPII33	LSM7	CG8258
RPB10	LOST	CG7789
RPA-70	L(3)01239	CG7265
RM62	KARYBETA3	CG6686
RHEB	JHI-26	CG6523
REG	IPK2	CG6388
RCD5	HSC70-5	CG6353
RACK1	GAPDH1	CG6195
RAB1	FDH	CG5854
PROSALPHA7	ENDOGI	CG5355
PROSALPHA5	EFF	CG44014
POLO	EDL	CG34179

CG34164  
CG32267  
CG31548  
CG31436  
CG30273  
CG18343  
CG16985  
CG16817  
CG15735

CG1550  
CG15083  
CG13630  
CG13319  
CG1236  
CG12173  
CG11752  
CG11454  
CG10565

CCHL  
BEAF-32  
BALL  
ATPSYN-B  
ARPC2  
ARF79F  
AOS1  
ANT2  
ADK2