

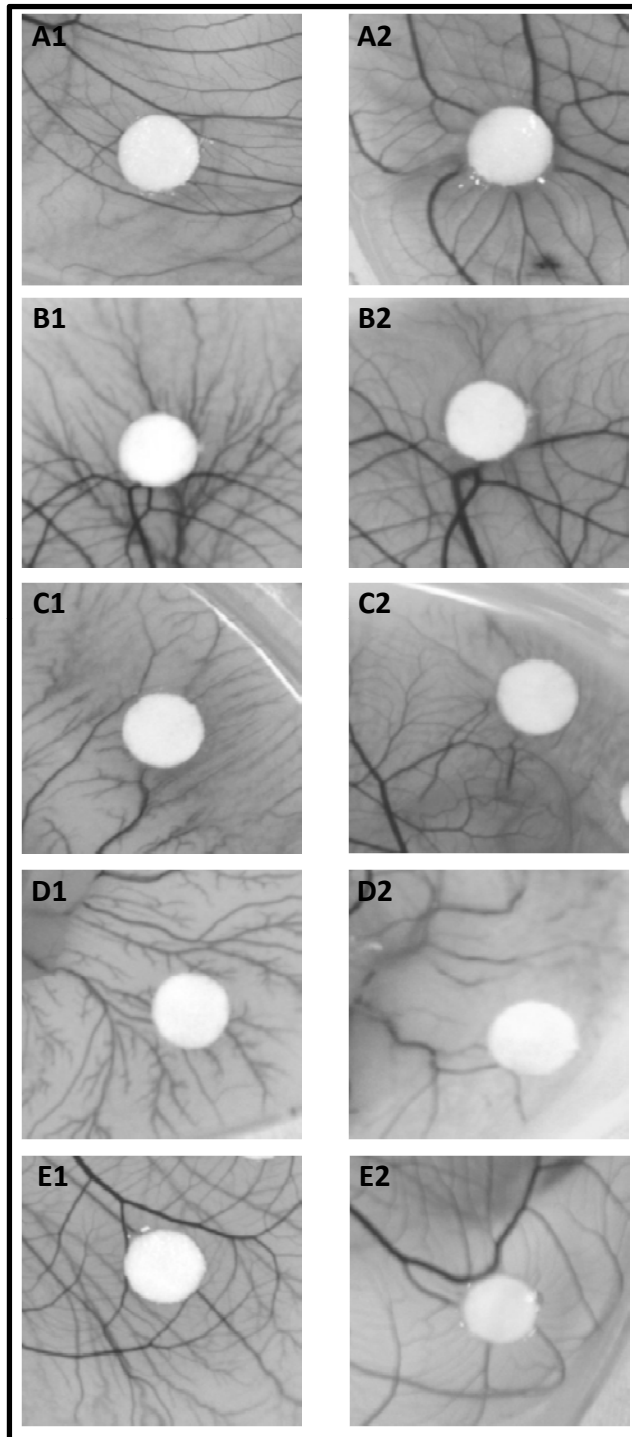
Name	Sequence
hRNASET2	DKRLRDNHEWKKLIMVQHWPETVCEKIQ NDCRDPPDYWTIHGLWPKSEGCNRSWPF NLEEIKDLLPEMRAYWPDVIHSFPNRSRFW KHEWEKHGTCAAQVDALNSQKKYFGRSL ELYRELDLNSVLLKLGIKPSINYYQVADFK DALARVYGVIPKIQCLPPSQDEEVQTIGQIE LCLTKQDQQLQNCTEPGEQSPKQEVWLA NGAAESRGLRVCEDGPVFYPPPKTKH
Peptide E120-V141 (22aa)	ELDLNSVLLKLGIKPSINYYQV
Peptide S135-V141 (7aa)	SINYYQV
Peptide E120-Q159 (40aa)	ELDLNSVLLKLGIKPSINYYQVADFKDALA RVYGVIPKIQ
Peptide A103- Q159 (57aa)	ALNSQKKYFGRSLELYRELDLNSVLLKLG IKPSINYYQVADFKDALARVYGVIPKIQ
Peptide D75- D102 (28aa)	DVIHSFPNRSRFWKHEWEKFGTCAAQVD
Peptide A103- R119 (17aa)	ALNSQKKYFGRSLELYR
Peptide K108- R119 (12aa)	KKYFGRSLELYR

Peptide A103- V141	ALNSQKKYFGRSLELYRELDLNSVLLKLG KPSINYYQV
Peptide K108- E120 (13aa)	KKYFGRSLELYRE
Peptide K108- L121 (14aa)	KKYFGRSLELYREL
Peptide K108- D122 (15aa)	KKYFGRSLELYRELD
Peptide K108- L123 (16aa)	KKYFGRSLELYRELDL
Peptide K108- N124 (17aa)	KKYFGRSLELYRELDLN
Peptide K108- S125 (18aa)	KKYFGRSLELYRELDLNS
Peptide K108- V126 (19aa)	KKYFGRSLELYRELDLNSV
Peptide K108- L127 (20aa)	KKYFGRSLELYRELDLNSVL
Peptide K108- L128 (21aa)	KKYFGRSLELYRELDLNSVLL
Peptide K108- K129 (22aa)	KKYFGRSLELYRELDLNSVLLK
Peptide	KKYFGRSLELYRELDLNSVLLKL

K108- L130 (23aa)	
Peptide K108- E120+ N124 -K133 (23aa)	KKYFGRSLELYRE__NSVLLKLGIK
Peptide K108- K133 (26aa)	KKYFGRSLELYRELDLNSVLLKLGIK
Peptide G112- K133 (22aa)	GRSLELYRELDLNSVLLKLGIK
Peptide R113- K133 (21aa)	RSLELYRELDLNSVLLKLGIK
Peptide S114- K133 (20aa)	SLELYRELDLNSVLLKLGIK
Peptide K108- I132 (25aa)	KKYFGRSLELYRELDLNSVLLKLG I
Peptide K108- G131 (24aa)	KKYFGRSLELYRELDLNSVLLKLG
Peptide K109- K133 (25aa)	KYFGRSLELYRELDLNSVLLKLG I K
Peptide Y110- K133 (24aa)	YFGRSLELYRELDLNSVLLKLG I K
Peptide F111- K133	FGRSLELYRELDLNSVLLKLG I K

(23aa)	
trT2-50 truncated protein E49- Stop codon	EGCNRSWPFNLEEIKDLLPEMRAYWPDVIH SFPNRSRFWKHEWEKHGTCAAQVDALNSQ KKYFGRSLELYRELDLNSVLLKLGIKPSINY YQVADFKDALARVYGVIPKIQCLPPSQDEE VQTIGQIELCLTKQDQQLQNCTEPGEQPSP KQEVWLANGAAESRGLRVCEDGPVFPYPPP KKTKH
trT2-49m (truncated protein, missing Peptide E120-V141 sequence)	EGCNRSWPFNLEEIKDLLPEMRAYWPDVIH SFPNRSRFWKHEWEKHGTCAAQVDALNSQ KKYFGRSLELYR_____AD FKDALARVYGVIPKIQCLPPSQDEEVQTIGQ IELCLTKQDQQLQNCTEPGEQPSPKQEVW LANGAAESRGLRVCEDGPVFPYPPPKKTKH

Supplementary Table 1: Peptides library- sequences of all 29 synthetic peptides and the three proteins (hRNASET2, trT2-50 and trT2-50m).



Supplementary fig. S1

