

S3 Table: RPS12 5' most gRNA populations and predicted mRNA sequence generated.

[illegible]

B. RPS12 Form B	Predicted mRNA Sequence	Reading Frame
	<p style="text-align:center;">M W F L Y G C C L R F V L F V</p> <p>CAAACUAAAGUA<u>A</u>AAAAuuuuGuuuuuuuuGCGuAuGuGA*UUUUUGUAUG*GuuGuuGuuuAC*GuuuuGuuuuAuuuGu : :: : : : : :: : : : : <u>N</u>UAUUUAGAGUGGAAGAGACGUAUACA<u>U</u>-GAAGACAUGC-CAACAAAUA</p>	ORF
Cell Line	gRNA Sequence	Reads
EATRO 164 PC	ATAAACAAACCGTACAGAAGTTACATATGCAGAGAAGGTGAGATTAT _N	2218
TREU 927 PC	ATAAACAAACCATACAGAAGTTACATATGCAGAGAAGGTGAGATTAT _N	300
TREU 667 PC	ATAAACAAACCGTACAGAAGTTACATATGCAGAGAAGGTGAGATTAT _N	3834

C. RPS12 Form C	Predicted mRNA Sequence	Reading Frame
	<p style="text-align: center;">M W F C M V V V Y V L F Y L F</p> <p>CAAACUAAAGUAAAAAG<u>uuuuuuuuuuuu</u>GCGGu<u>Au</u>GuGA*UUUUGUAUG*GuuGuuGuuuAC*GuuuuGuuuuAuuuGu : : : : : : : : : : : : _NUUUUAGAGAGAGAAAAGUGCAUAUACU--AAGACAUAC-CAAUAUAUA</p>	ARF +1
Cell Line	gRNA Sequence	Reads
EATRO 164 BS	ATATATAACCATACAGAATCATATACGTGAAAGAGAGAGAT _N	144

D. RPS12 Form D	Predicted mRNA Sequence	Reading Frame
	<p style="text-align: center;">M L F F F R M W F C M V V V Y V L F Y L F</p> <p>CAAACUAAAGUA<u>uuuAuAuAAUGuuuG</u>uuuuuuuuuuCGu<u>AuGuGA*</u>*UUUUGUAUG*<u>GuuGuuGuuuAC</u>*GuuuuGuuuuAuuuGu : ::: : : : : : : : : <u>UGAUUAUAUUAUGUA</u>AAAGAGAGAGAUUAUGCU--AAAACAUAAC-CAACAAGAUUAUA</p>	ARF +1
Cell Line	gRNA Sequence	Reads
TREU 927 PC	ATATAGAACAACCATACAGAAATCGTATATGCGAGAGAAATGATATTATAT _N	22

E. RPS12 Form E	Predicted mRNA Sequence	Reading Frame
	<p style="text-align: center;">M W F C M V V V Y V L F Y L F</p> <p>CAAACUAAAGUAAuuuAAAuuuuGuuuuuuuuGCGuAuGuGA**UUUUGUAUG*GuuGuuGuuuAC*GuuuuGuuuuAuuuGu ::: :: :: :: :: :: :: :: :: :: :: :: :: :: :: :: :: :: :: :: :: :: <u>N</u>UAAAUUUUAGAGUAGAGAAAGUGCAUAUACU--AAGACAUAUC-CAAUAUAUA</p>	ARF +1
Cell Line	gRNA Sequence	Reads
TREU 667 PC	ATATATAACCATACAGAATCATATACGTGAAAGAGATGAGATTTTAAAT _N	2664