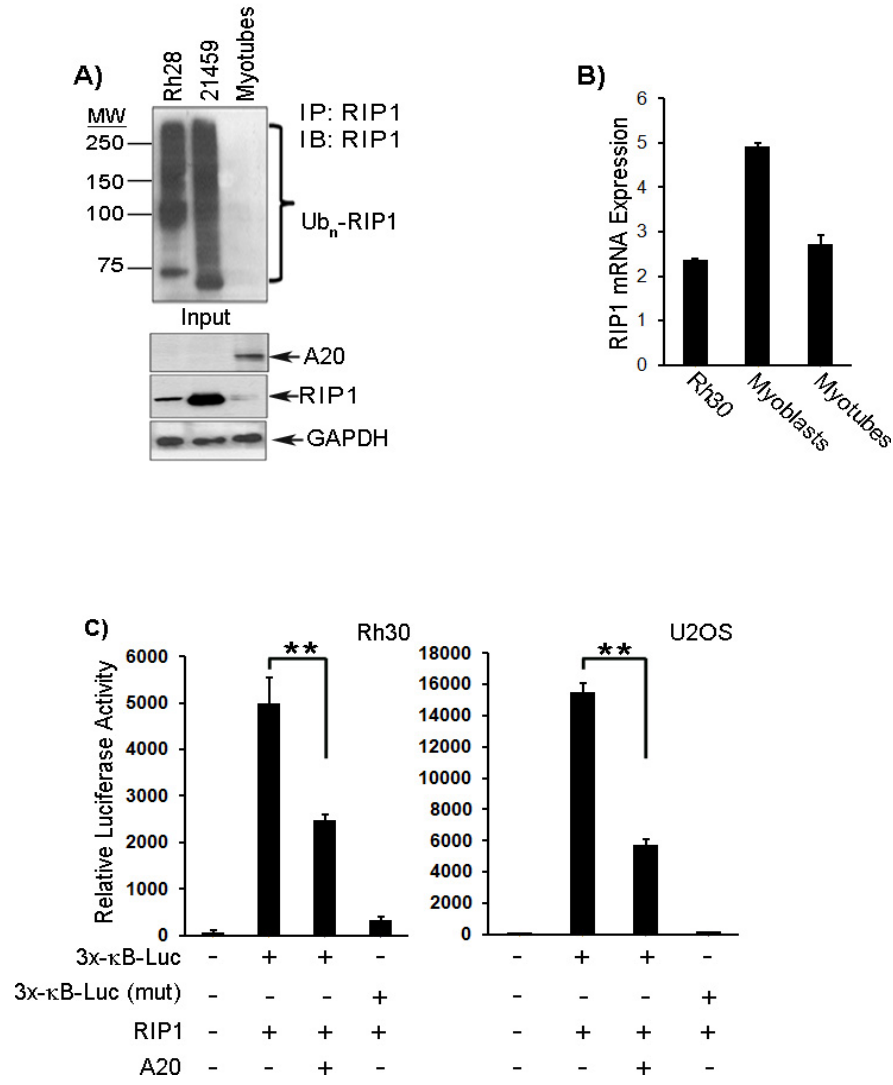
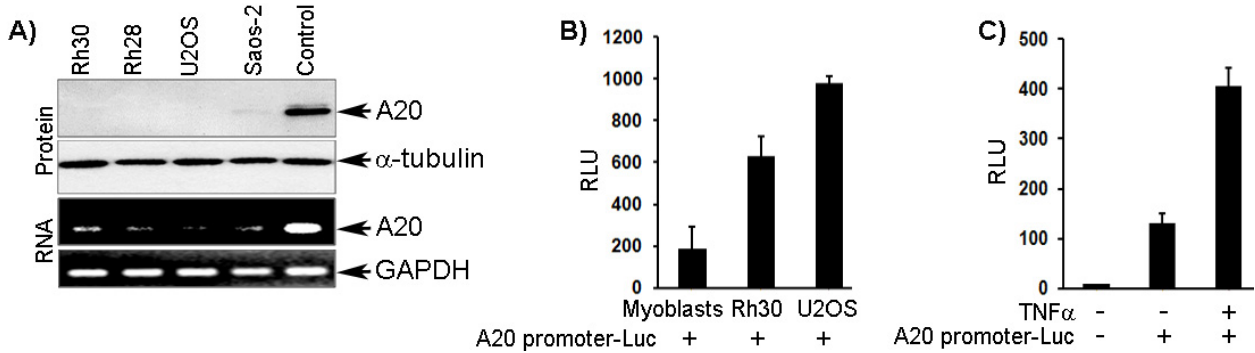


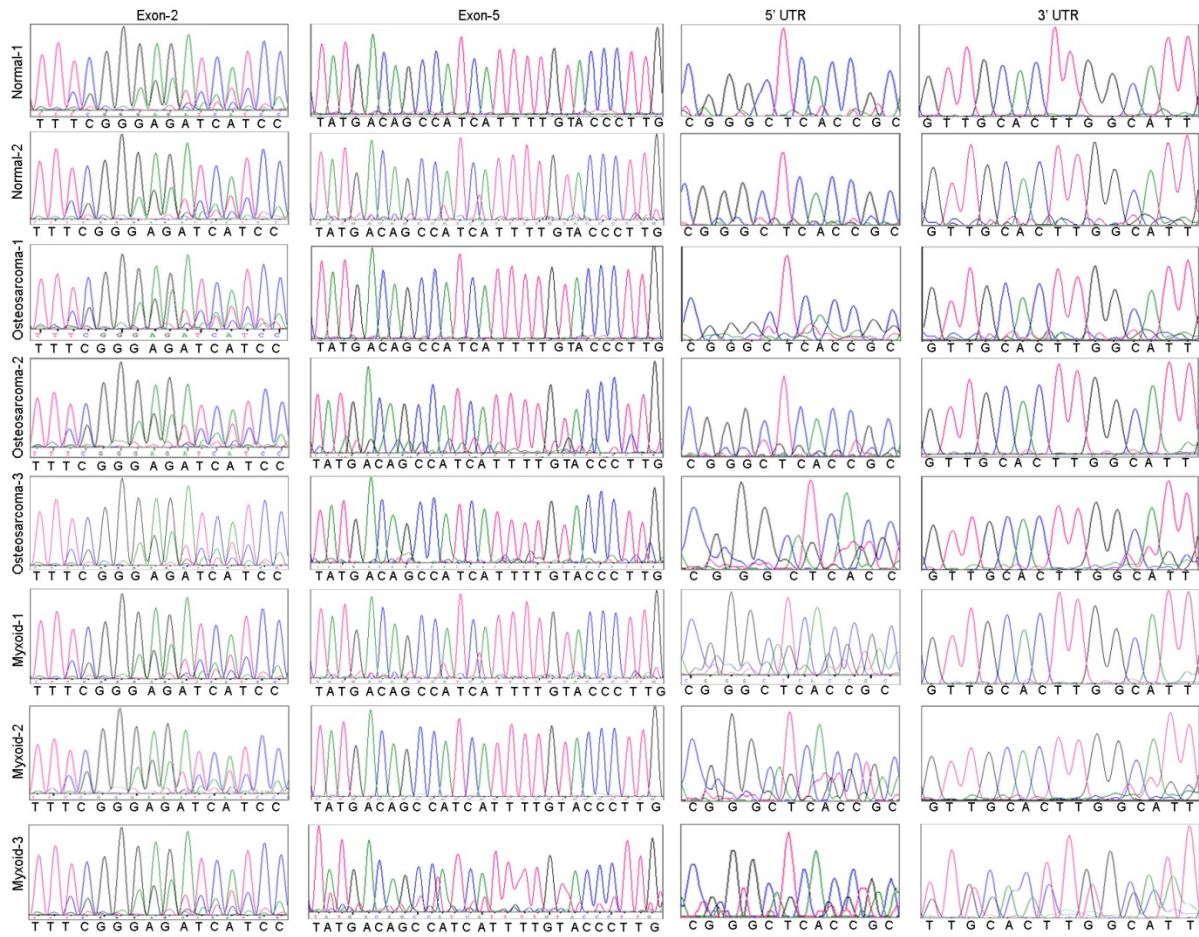
Suppl. fig. 1
Balkhi et al.



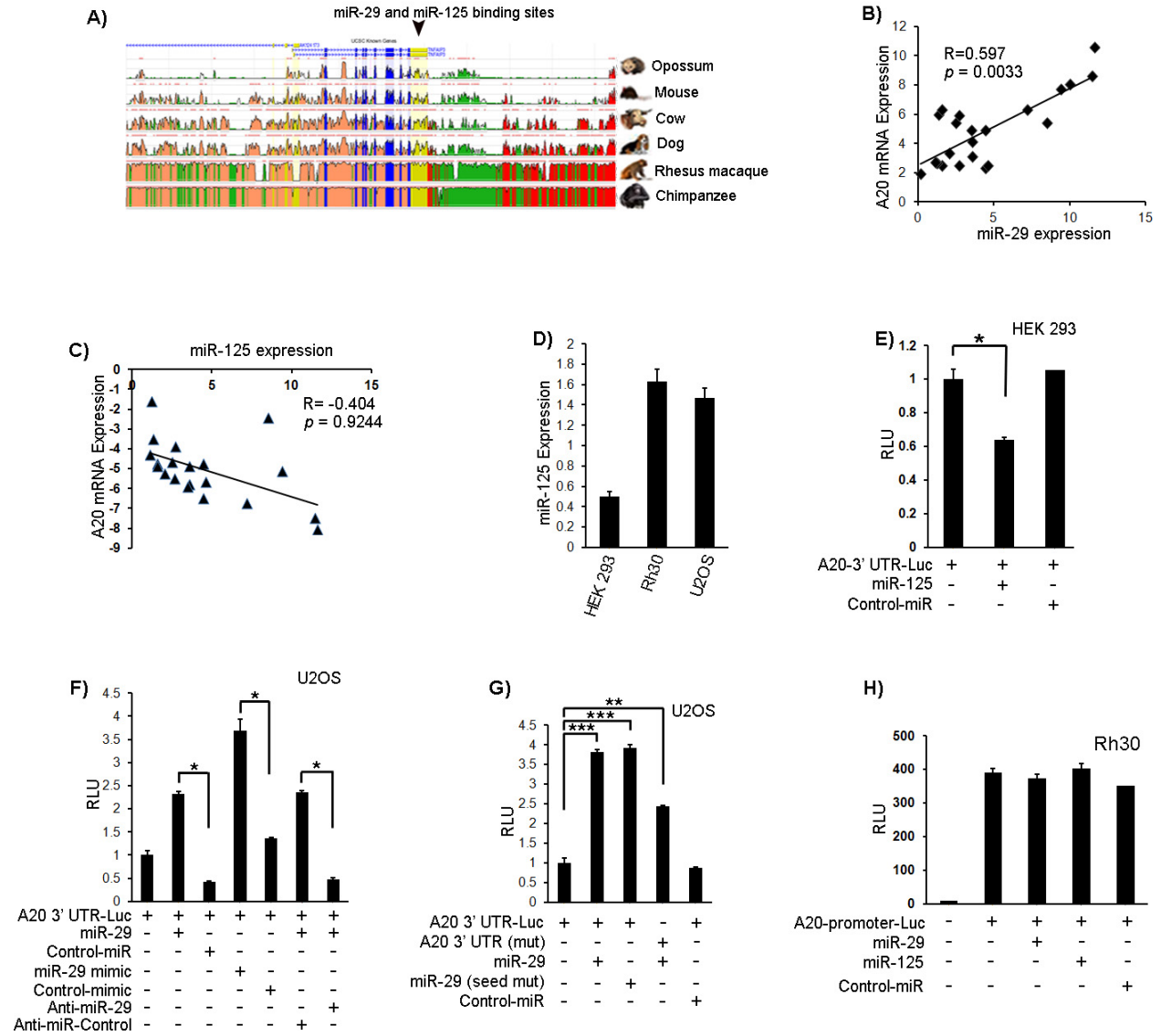
Suppl. fig. 2
Balkhi et al.



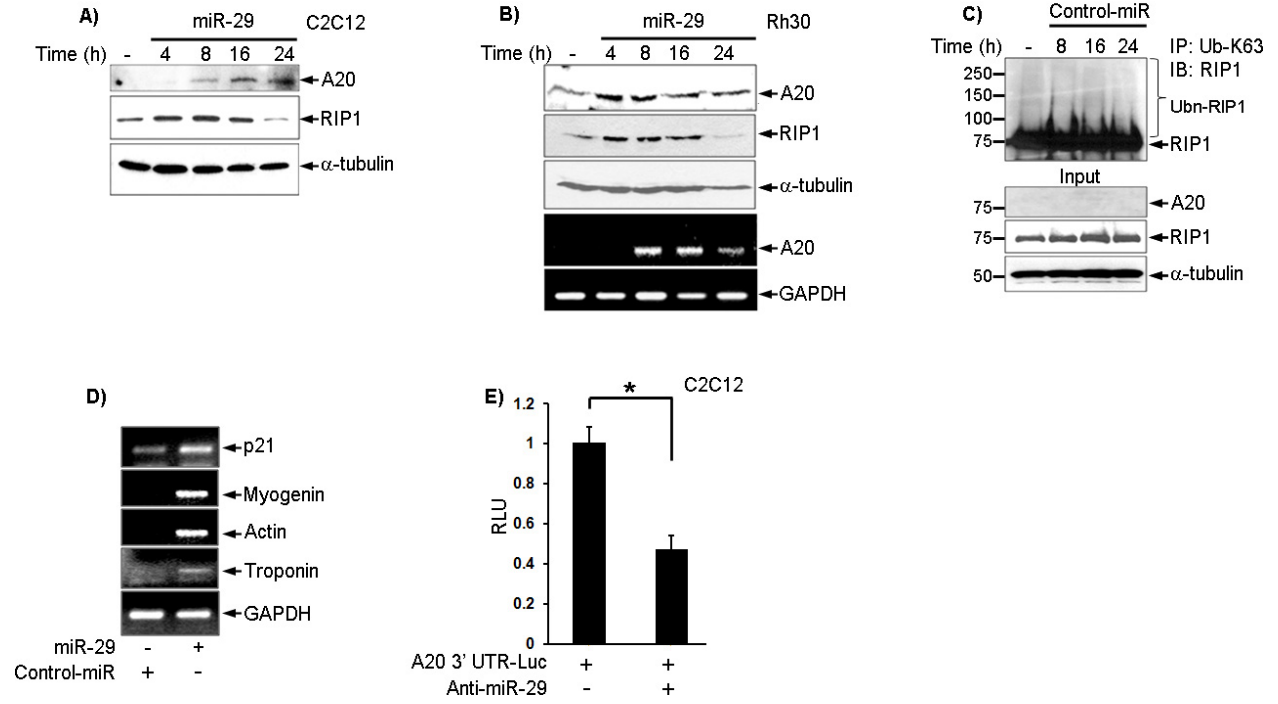
Suppl. fig. 3
Balkhi et al.



Suppl. fig. 4
Balkhi et al.



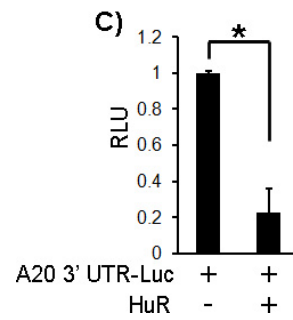
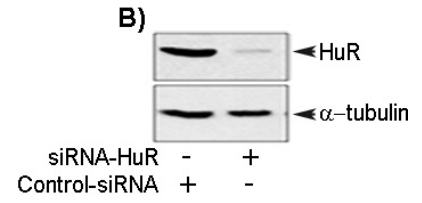
Suppl. fig. 5
Balkhi et al.



Suppl. fig. 6
Balkhi et al.

A)

| ELAVL1: HuR | | | | | | |
|-------------|----------------|------------------------|-------|-----|-------------------|-------------------------------|
| Score | Relative Score | RBP Name | Start | End | Matching sequence | Matrix ID |
| 4.40359056 | 100% | ELAVL1 | 72 | 75 | GUUU | 1170_19561594 |
| 4.40359056 | 100% | ELAVL1 | 14 | 17 | GUUU | 1170_19561594 |
| 4.1881759 | 90% | SFRS1 | 5 | 8 | UGGA | 1173_19561594 |
| 3.82636396 | 86% | ELAVL1 | 33 | 36 | AUUU | 1170_19561594 |
| 3.82636396 | 86% | ELAVL1 | 59 | 62 | AUUU | 1170_19561594 |



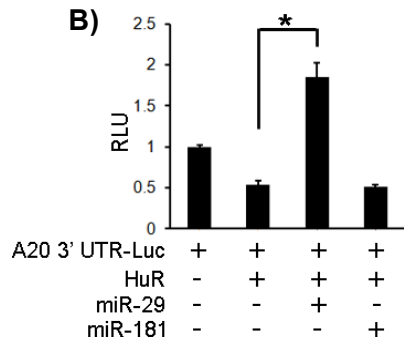
Suppl. fig. 7
Balkhi et al.

A) A20 3' UTR

Locus: 3HSAR032466 Gene Name: TNFAIP3
 Organism: Homo sapiens Length : 1993bp
 Source Accessions: NM_006290 Genomic location chr6:138244150-138246144:+

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Suppl. Tables
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Table 1

| Primer Pair | Sequence (5'-3') |
|-------------|---------------------------|
| A20 Δ1 | GAATCTTTATAATTTCTTTCCAAAG |
| | CTTTGGAAAGAAATTATAAAGATTC |
| A20 Δ2 | GATGTGGCCTTTTGTGATGG |
| | CCATCACAAAAGGCCACATC |
| A20 Δ3 | GTGAAGATATTTCTTCAGCTCTG |
| | CAGAGCTGAAGAAATATCTTCAC |
| A20 Δ4 | GAATATTTTACTGGGAAGACG |
| | CGTCTTCCCAGTAAAATATTC |
| A20 Δ5 | GACACACAAGTCGCGTGGGTTG |
| | CAACCCACGCGACTTGTGTGTC |
| A20 Δ6 | GCTGCCACTGCAACAGTGG |
| | CCACTGTTGCAGTGGCAGC |

Table 2

| | |
|--------------------------|---|
| A20 exon 2 A20 exon 2 | F GGAGTCGTATTAAGTCAGGCTAA R GGCAAAAAGAAACACAACAGAAC |
| A20 exon 5 A20 exon 5 | F ACCTAAGGGCCTCATTTTCC-3' R AGCAAAAAGGAAAACCCTGA-3' |
| A20 5' UTR A20 5' UTR | F CGAGCGAGCCCGACCCAGG R CCCTTGACTGCGGTGAGCCCG |
| A20 3' UTR A20 3' UTR | F1 GGCAATGCCAAGTGCAACGGC R1 GCTTCTCCAACCCACGCGAC |
| A20 3' UTR A20 3' UTR | F2 GCGCATCAGGACTGCTTCATCGTC R2 GTA CT TCTAGGGCAGCATTTC |
| A20 3' UTR A20 3' UTR | F3 CTGAGGAGTAAAAGTGTGTAC R3 CCCCAGGACACAGTGTTAAC |
| A20 3' UTR A20 3' UTR | F4 GAAAGATGTGGCCTTTTGTG R4 CTTTTTCTTTCAGCATTTCATC |

Table 3

| | | |
|---------------------------|--------|---|
| †Mouse A20 Mouse A20 | F R | TGTGGGGTGTTCAGGATACTG GTTCCGAGTGTCTGTCTCCTTA |
| †Mouse RIP1 Mouse RIP1 | F R | GATCGCAGTGTGCAGGCTAA GCTGCGGTTTTGTCTGTTTC |
| Mouse A20 Mouse A20 | F R | GTGACCCTGAAGGACAGTGG GAAAAAGGCTGGGTGCTGTG |
| Mouse RIP1 Mouse RIP1 | F R | ATCATCAGCCTCATGGAGCG ATTCCACGACTCGTTGTGCT |

†Symbol denotes the primers used for qRT-PCR

Table 4

| | |
|-----------------|---|
| miR-29 vector 1 | 5- ggatccCTTCTGGAAGCTGGTTTCACATGGTGGCTTAGATTTTTCCATCTTTGTATCTAGCACCATTTG AAATCAGTGTTTTAGGAGcttaag-3 |
| miR-29 vector 2 | 5- ggatccCTTCTGGAAGCTGG <u>ccc</u> CACATGGTGGCTTAGATTTTTCCATCTTTGTATCTAGCACCATTTGA AATCAGTGTTTTAGGAGcttaag-3 |
| miR-29 vector 3 | 5- ggatccCTTCTGGAAGCTGGTTTCACATGGTGGCTTAGATTTTTCCATCTTTGTATCTAGCACC <u>ccc</u> GA AATCAGTGTTTTAGGAGcttaag-3' |
| miR-29 vector 4 | 5- ggatccCTTCTGGAAGCTGG <u>ccc</u> CACATGGTGGCTTAGATTTTTCCATCTTTGTATCTAGCACC <u>ccc</u> GA AATCAGTGTTTTAGGAGcttaag-3' |

Underlined letters denote mutated HuR sites.