

A

Mouse Anxa2
Gene size: 1374 nt
QGRS found: 6

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TGATGCTTCG GAACTAAAAG CTTCATGAA GGCCTGGGG ACTGACGAGG ACTCCCTCAT TGAGATCATC TGCTCACGAA CCAACCAGGA GCTGCAAGAG 500
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GAAATATGGC AAGTCCTCT ACTACTACAT CCAGCAAGAC ACCAAGGGTG ACTACCAGAA GGCCTGCTG TACCTGTGG GTGGGGATGA CTGAAGCGCT 1100
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Human Anxa2
Gene size: 1471 nt
QGRS found: 7

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GCTCAGCATT TGGGACGGCT CTCAGCTCTC GGCGCACGGC CCAGGGTGAA AATGTTGGC ATTAACCTCA CATGAAGTAG GAAATATTTA TATGGATACA 100
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AGGGTGATCA CTCTACACCC CCAAGTGCAT ATGGGTCTGT CAAAGCCTAT ACTAACTTTG ATGCTGAGCG GGATGCTTTG AACATTGAAA CAGCCATCAA 300
GACCAAAGGT GTGGATGAGG TCACCATTGT CAACATTTTG ACCAACCGCA GCAATGCACA GAGACAGGAT ATTGCCTTCG CCTACCAGAG AAGACCAA 400
AAGGAACTTG CATCAGCACT GAAGTCAGCC TTATCTGGC ACCTGGAGAC GGTGATTTTG GGCCTATTGA AGACACCTGC TCAGTATGAC GCTTCTGAGC 500
TAAAAGCTTC CATGAAGGGG CTGGGAACCG ACGAGGACTC TCTCATTTAG ATCATCTGCT CCAGAACCAA CCAGGAGCTG CAGGAAATTA ACAGAGTCTA 600
CAAGGAAATG TACAAGACTG ATCTGGAGAA GGACATTATT TCGGACACAT CTGGTGACTT CCGCAAGCTG ATGTTTGCCC TGGCAAAGGG TAGAAGAGCA 700
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TACCCCAAC CTCATTTTAG TTGCCTAAGC ATTGCTGGC CTTCCTGTCT AGTCTCTCCT GTAAGCCAAA GAAATGAACA TTCCAAGGAG TTGGAAAGTGA 1400
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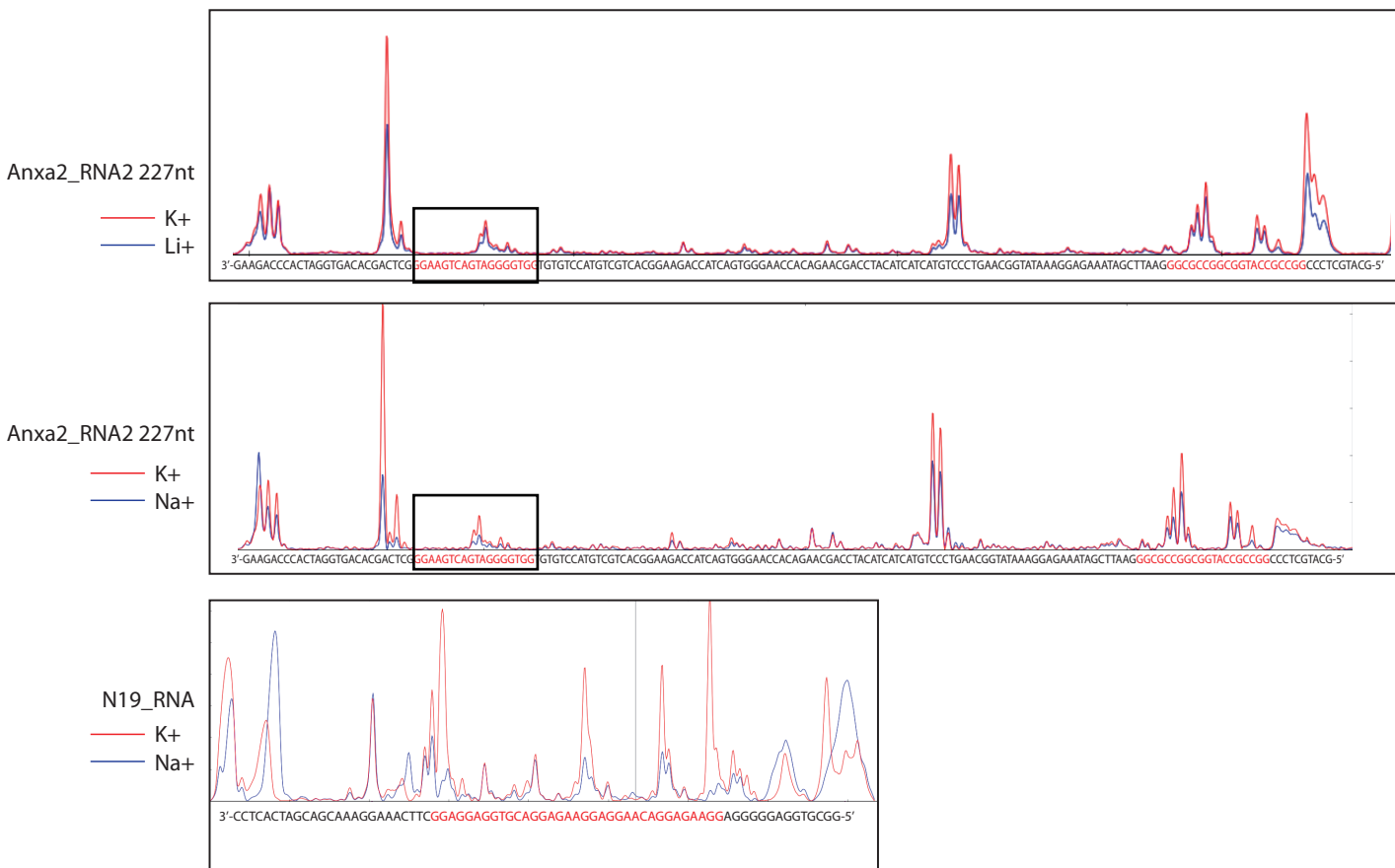
B

Mouse Anxa2
QGRS sequences found

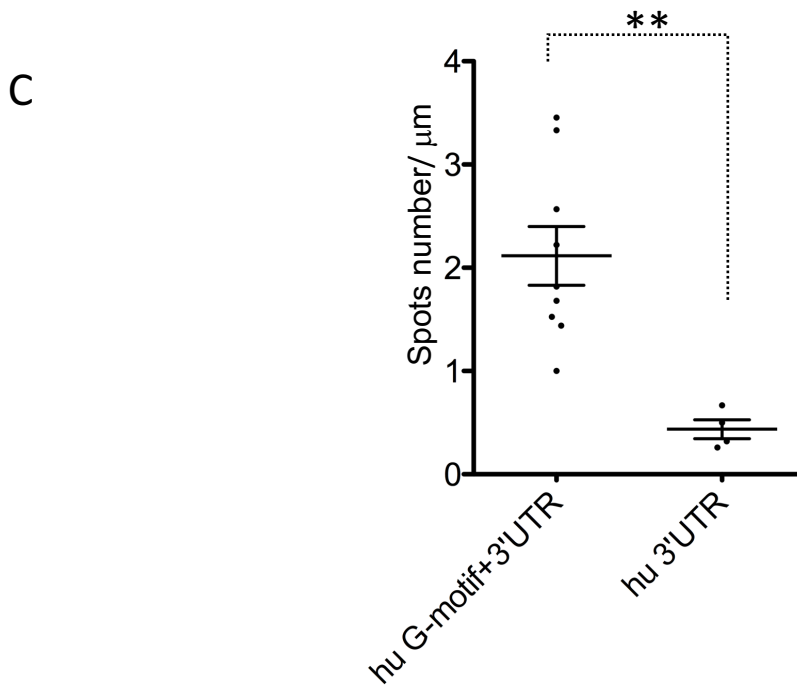
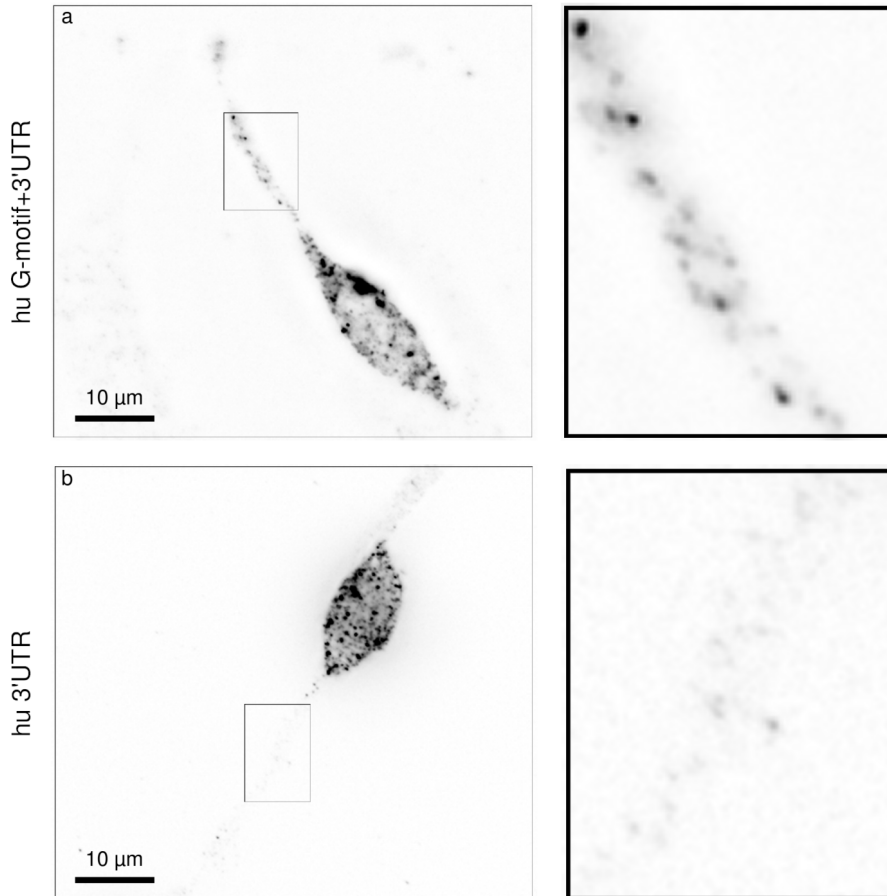
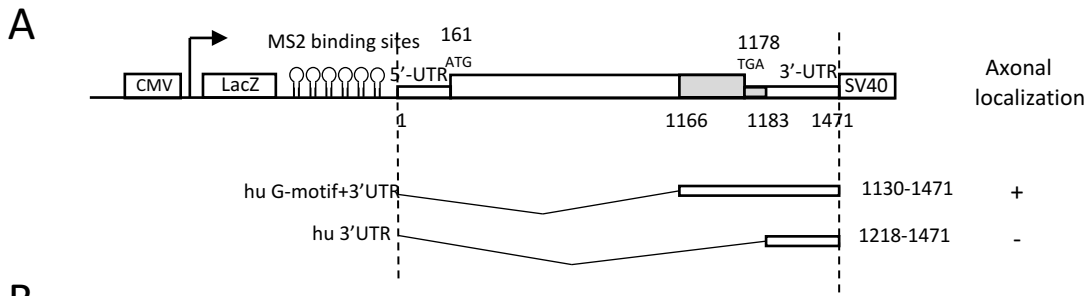
Position	Length	QGRS	G-score
351	25	GGCCACCTGGAGACGGTGATTTTGG	18
432	19	GGCCTGGGGACTGACGAGG	13
678	17	GGGGTGAAGAGGAAAGG	15
815	17	GGTCAAAGGGGACCTGG	16
912	22	GGCAAGGGGACTCGAGACAAGG	10
1080	18	GGTGGGGATGACTGAAGG	12

human Anxa2
QGRS sequences found

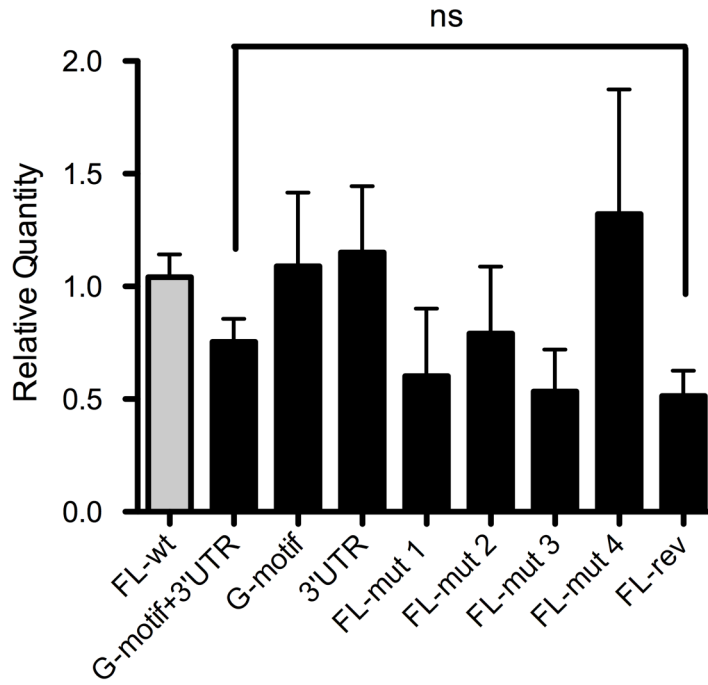
Position	Length	QGRS	G-score
12	28	GGGGACGCTCTCAGCTCTCGGCACCGG	6
437	25	GGCCACCTGGAGACGGTGATTTTGG	18
517	20	GGGGCTGGGAACCGACGAGG	12
625	30	GGAGAAGGACATTATTTCCGACACATCTGG	15
682	27	GGCAAAGGGTGAAGAGCAGAGGATGG	11
894	24	GGAAAGAGGTTAAAGGAGACCTGG	20
997	23	GGCAAGGGGACGCGAGATAAGG	10



Supplemental Figure 2



A



B

