

RBM4 modulates radial migration via alternative splicing of Dab1 during cortex development

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Supplemental Table 1: The top 68 transcripts enriched in RBM4 immunoprecipitation (Excel file)

Supplemental Table 2: Primers used for RT-PCR and construct

RT-PCR		
	Forward	Reverse
hGAPDH	CGGAGTCAACGGATTTGGTCGTATG	AGCCTTCTCCATGGTGGTGAAGAC
mGAPDH	GTCGTGGAGTCTACTGGTGT	TACTTGGCAGGTTTCTCCAG
U6	CTCGCTTCGGCAGCACA	AACGCTTCACGAATTTGCGT
mDab1(1)	CGGCTGAACCTGTTATCCTG	CTTCTTCTTTTGGCTGGTG
mDab1 (2)	AACCAGCGCCAAGAAAGACT	GTGCGCCAGCAACAACAC
mDab1-9bc	GTTCCCACCAGCCAAAAGAAG	GGAAGCGTCTGGGACGAC
RBM4a	ATGGTGAAGCTGTTCAATTGG	CTGCTGCTGCTGCAGCTCCTGAAGG
RBM4b	ATGGTGAAGCTGTTCAATTGG	CGGGAAGCACAGCCGCATTC
Atn1	TGTCTTATGCTGAGCGGTTG	GTGGATAGCATCCTGCTGGT
Csk	TGAGCAAGACCTTCCCTTCT	GCCTGTCTCTGGTGGGTAAA
Map2	GGACATCAGCCTCACTCACAGA	GCAGCATGTTCAAAGTCTTCACC
T7/BGH	TAATACGACTCACTATAGGG	TAGAAGGCACAGTCGAGG
Dab1 expression vectors		
Dab1	AGCTGAATTCATGTCAACTGAGACA GAACTTCAAG	AGCTCCGCGGCTAGCTACCGTCTTGTG GACTTATAT
Dab1Δ78	GTTCCCACCAGCCAAAAGAAGGAAG GTGTT	CTGGTACACAGCTTGTTCACACTGCTT ATC
Dab1 mNES	GCTGAACCTGTTATCGCggacGCgagaga tGCcGCCcaaGCcATCTATG	TGGTAGAAGTCACAGGGGTcGCgttcGcTt gggagGCgtcGGCGTCATC
Dab1 minigene constructs		
Exon 6-7	AGCTAAGCTTTCCTTGTGTTTCATAGC CTCA	AGCTCTCGAGCCGTTATCCATCTTGTC TCT
Exon 8	AGCTCTCGAGAAAGCAAGGGGACC GTAG	AGCTGTGACCCGAAACTGTAAGCCA GACC
Exon 9	AGCTGTGACGAAAGGCTCAAGAG CAGGA	AGCTGGTACCCATGTACTATAAAGCTG TGG
EMSA probe constructs		
Intron 6	GCTGGCTCTCTACTGTGCTG	CCTCTTCCAAAATGGTCTATCC
Intron 7	CTGTGATTTGCATCTAAATTGG	CAAACACAATGTACTATTGCAGGA
Intron 8	CTGAGAGGTTCAAGGCATCG	AGACATGGAACCTTCAGGAA
shRNA constructs		
	Sense strand	Anti-sense strand
shRBM4	CCCGGGCCAGTCATCGAATGTGACA TCTCGAGATGTCACATTCGATGACTG GGTTTTT	TCGAGAAAAACCCAGTCATCGAATGTG ACATCTCGAGATGTCACATTCGATGAC TGGGCCCGGG