

Supplemental Data

Identification of *CC2D2A* as a Meckel Syndrome Gene

Adds an Important Piece to the Ciliopathy Puzzle

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Table S1. Primer sequences for *CC2D2A*

Genomic Primers for the <i>CC2D2A</i> Gene					
exon 1	forward	attcaacagcaccgtctctc	exon 18	forward	ctgtggctcctctggtaaag
	reverse	cagagctttggcagagagcat		reverse	atgtggtttgccatgttg
exon 2	forward	atggaaccacagccaataagtc	exon 19	forward	ccacaatgagatgagcccttag
	reverse	agctcttctctgaccattcgaata		reverse	acttgcaaaaagtgcatagc
exon 3	forward	ttctcttggcacttatctcca	exon 20	forward	tcagcatcatcacctgaagaaa
	reverse	gggtggcctaactctctcattc		reverse	ctggcacctgacaataaaagga
exon 4	forward	taactgtccccaactcacact	exon 21	forward	gcacttttatgactggacaga
	reverse	aacaggctccttccatctttc		reverse	cagcaccatgttcttaaacag
exon 5	forward	gtactaaggcctgtcccctcac	exon 22	forward	tcagtccaagtttcttgat
	reverse	ctcaccaagttggggtaaagtg		reverse	aaccgctattgctagtgacaaca
exon 6	forward	agatgacagtgctaggcaggac	exon 23	forward	tgtggcctctatttctctga
	reverse	ctttaaggggaagagcaaggaa		reverse	gctaagtggcttcataagctc
exon 7	forward	atttctctgctcttcccctta	exon 24	forward	accagcattgcagaggaaagta
	reverse	ctttgaactcctgggcctaagt		reverse	ttgatttgaagtagggagggt
exon 8	forward	gttctacaggctgtcgctatgg	exon 25	forward	ccttgataagcagcagctaga
	reverse	gctcaatatatctgctgtcttgg		reverse	cagtcacctgctgaacaataac
exon 9	forward	cctggaatatgctgatctcat	exons 26&27	forward	ggaggatcacctgagcttgg
	reverse	ggtttctctcagccactttct		reverse	tgccgctcactagctacaaaat
exon 10	forward	acatctccaggtgtgcagaat	exon 28	forward	gggaatatgagactcaccagga
	reverse	gttctggagatgaggcatcctt		reverse	tgtggactcgtctgaattctt
exon 11	forward	ttcatctttccttggttctgc	exon 29	forward	ggccacaaagccattatgtatc
	reverse	gggttttgagcagttgagaagtt		reverse	ctcagatgatgtgccctcctt
exon 12	forward	actttttaggaagccagggtgt	exon 30	forward	caatgaaaagaaggcaaggaag
	reverse	atagcaccccaagctattcaga		reverse	attgctgattgaccgattact
exon 13	forward	cgttttccattgtggattaga	exon 31	forward	ttccaaaccatacatttctg
	reverse	aaccgaggaaacatgtgaaaga		reverse	tggctgccttcagacttttcta
exon 14	forward	ccatggaacaaggatggacata	exon 32	forward	gatgtttggtgaggatggagat
	reverse	cagaagcggtagctgtagcact		reverse	ccttgagaaaattgaaccagga
exon 15	forward	tcaagacaggtgacatcctattg	exon 33	forward	agagaaaacacatgccacta
	reverse	ttggggattgaggagaatgta		reverse	caaccxaaaggatcgttatgaa
exon 16	forward	aagaggaactggcacatagcaa	exon 34	forward	tggttgagtaagatgatgactgac
	reverse	gtaagcacagtgagcattgcag		reverse	cactgtgcttgacactgcattt
exon 17	forward	ctgagtccaagggcaacaaata	exon 35	forward	aggtaaccccccaacttcagat
	reverse	gtcagcaattcatgtgtgtca		reverse	tgagctcagatgcgtttgataa

exon 36	forward	tacttttgggtgggcatgggta	
	reverse	tttgagccatgggatttagaga	
exon 37	forward	acccttaaggacaggactgcat	
	reverse	atgtacttctgggagcaacgtg	
exon 38	forward	gcagctctcgattttctgtattg	
	reverse	gggtagtctcaattgaattcagg	
Primers to Amplify the c.1761-1764 Deletion from cDNA			
cDNA	forward	gatcagatctggagaccctct	
cDNA	reverse	ccaaagtgaactcggaagtctg	