

Supplementary Table S1

Event code	SE annot	Replication statistical data				Gene symbol	Description	Expression
		Pval	Beta	Error	Padj			
CHR19.EVE308	chr19:-36322129:36322225:36321992:36322030:36330252:36330492	2.0545E-04	1.4954	0.2982	5.0430E-03	Gene = " <i>UNC00665</i> "	Description = "Long intergenic non-protein coding RNA 665"	Brain cortex/frontal cortex expression = "Yes"
CHR1.EVE213	chr1:+46341322:46341497:46340819:46340919:46344800:46345144	3.7355E-04	0.9719	0.0931	5.0430E-03	Gene = " <i>NSUN4</i> "	Description = "NOP2/Sun RNA methyltransferase 4, Homo sapiens, protein coding"	Brain cortex/frontal cortex expression = "Yes"
CHR16.EVE190	chr16:+2768504:2768599:2767721:2768261:2768896:2769248	3.1804E-03	1.9361	0.6564	2.8623E-02	Gene = " <i>SRRM2</i> "	Description = "Serine/arginine repetitive matrix 2, Homo sapiens, protein coding"	Brain cortex/frontal cortex expression = "Yes"
CHR5.EVE274	chr5:-50799179:50799230:50787333:50787421:50841159:50844389	7.0030E-03	-0.9185	0.2009	3.3211E-02	Gene = " <i>ELOVL7</i> "	Description = "ELOVL fatty acid elongase 7, Homo sapiens, protein coding"	Brain cortex/frontal cortex expression = "Yes"
CHR2.EVE137	chr2:-26434270:26434464:2641287:26421400:26429627:26429765	6.1309E-03	-0.8320	0.1603	3.3211E-02	Gene = " <i>DKC1</i> "	Description = "Dynein regulatory complex subunit 1, Homo sapiens, protein coding"	Brain cortex/frontal cortex expression = "Yes"
CHR3.EVE327	chr3:-17518901:17518995:17508473:17508605:17622647:17622765	7.3802E-03	1.2779	0.3870	3.3211E-02	Gene = " <i>TBC1D5</i> "	Description = "TBC1 domain family member 5, Homo sapiens, protein coding"	Brain cortex/frontal cortex expression = "Yes"
CHR8.EVE125	chr8:-101887140:101887227:101719368:101719648:101915808:101915858	1.7330E-02	-4.1733	2.1441	6.845E-02			
CHR1.EVE486	chr1:+26029599:26029707:26029192:26029286:26030475:26030595	2.0296E-02	-7.9347	4.0662	6.8498E-02			
CHR4.EVE81	chr4:-145763089:145763122:145760728:145761598:145764978:145765165	5.2144E-02	8.2539	4.2503	1.5643E-01			
CHR14.EVE93	chr14:-22905605:22905659:22905335:22905453:22906194:22906368	6.7944E-02	-3.2061	1.7564	1.8345E-01			
CHR19.EVE519	chr19:+57490146:57490185:57487770:57487983:57491467:57491597	7.9362E-02	-0.6069	0.3459	1.9480E-01			
CHR10.EVE44	chr10:+133532123:133532284:133531584:133531734:133532691:133532868	1.0085E-01	27.9988	17.0648	2.692E-01			
CHR7.EVE397	chr7:+102436234:102436333:102433534:102433661:102438943:102439181	1.5003E-01	4.4965	3.1621	3.2198E-01			
CHR4.EVE135	chr4:+2984512:2984608:2963727:2964122:2988726:2988839	2.5400E-01	-2.5529	2.2380	4.7155E-01			
CHR19.EVE364	chr19:+7534378:7534446:7534152:7534239:7534749:7534902	2.7841E-01	9.3670	8.6420	4.7155E-01			
CHR3.EVE241	chr3:+158588851:158588924:158571260:158571347:158592433:158592581	2.9540E-01	-2.1402	2.0454	4.7155E-01			
CHR19.EVE309	chr19:-36322129:36322384:36321992:36322030:36330252:36330492	2.9744E-01	4.8221	4.6280	4.7155E-01			
CHR11.EVE160	chr11:+99325345:99325484:99021140:99021270:99556144:99556269	3.1938E-01	-0.7897	0.7931	4.7155E-01			
CHR17.EVE373	chr17:-44304980:44305043:44305216:44304207:44307291:44307500	3.3682E-01	2.6401	2.7488	4.7155E-01			
CHR11.EVE182	chr11:-10687508:10687777:10633967:10634071:10690264:10690369	3.6656E-01	2.7595	3.0561	4.7155E-01			
CHR3.EVE332	chr3:-17622647:17622765:17518901:17518995:17623848:17623913	3.6731E-01	1.8873	2.0935	4.7155E-01			
CHR10.EVE280	chr10:-79808762:79808963:79806038:79806122:79814612:79814716	3.8940E-01	-1.9703	2.2892	4.7155E-01			
CHR13.EVE113	chr13:-100670359:100670569:100668578:100668794:100674743:100674795	4.0579E-01	0.2740	0.3296	4.7155E-01			
CHR3.EVE242	chr3:+158588851:158588924:158571172:158571391:158592433:158592581	4.3697E-01	-0.6366	0.8190	4.7155E-01			
CHR3.EVE325	chr3:-17586352:17586557:17508548:17508605:17622647:17622765	4.4390E-01	3.9812	5.1999	4.7155E-01			
CHR17.EVE336	chr17:-69178919:69179008:69175405:69175513:69182152:69182290	4.5408E-01	2.1934	2.9299	4.7155E-01			
CHR7.EVE102	chr7:-36336153:36336297:36335045:36335178:36356901:36357590	4.8851E-01	-3.5899	5.1826	4.8851E-01			