

Table SI. List of differentially expressed circRNAs identified in the GSE101124 dataset^a.

| circRNA ID | Position | circRNA type | Strand | Genomic length | Spliced length | Best transcript | Gene symbol | Type of regulation |
|----------------------|--------------------------|--------------|--------|----------------|----------------|-----------------|-------------|--------------------|
| hsa_circ_00432 78 | chr17:35797838-35800763 | Exonic | + | 2925 | 250 | NM_001488 | TADA2A | Downregulation |
| hsa_circ_00009 77 | chr2:10784445-10808849 | Exonic | - | 24404 | 562 | NM_024894 | NOL10 | Downregulation |
| hsa_circ_00062 20 | chr17:35800605-35800763 | Exonic | + | 158 | 158 | NM_001488 | TADA2A | Downregulation |
| hsa_circ_00016 66 | chr6:170626457-170639638 | Exonic | + | 13181 | 2038 | NM_032448 | FAM120B | Downregulation |
| hsa_circ_00651 73 | chr3:47155365-47168153 | Exonic | - | 12788 | 4644 | NM_014159 | SETD2 | Downregulation |
| hsa_circ_00089 11 | chr2:27830711-27830906 | Exonic | + | 195 | 195 | NM_032434 | ZNF512 | Downregulation |
| hsa_circ_00014 55 | chr4:164514761-164515093 | Intronic | + | 332 | 332 | NM_001166373 | MARCH1 | Downregulation |

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| hsa_circ_00032 66 | chr3:66501982-66512933 | Exonic | - | 10951 | 147 | NM_015541 | LRIG1 | Downregulation |
| hsa_circ_00059 27 | chr8:42259305-42260979 | Exonic | + | 1674 | 379 | NM_001135694 | VDAC3 | Downregulation |
| hsa_circ_00189 09 | chr10:76970891-76982160 | Exonic | + | 11269 | 938 | NM_001184783 | VDAC2 | Downregulation |
| hsa_circ_00083 03 | chr8:97318671-97343323 | Exonic | + | 24652 | 418 | NM_014754 | PTDSS1 | Downregulation |
| hsa_circ_00047 81 | chr14:71413631-71435827 | Exonic | + | 22196 | 451 | NM_014982 | PCNX | Downregulation |
| hsa_circ_00200 80 | chr10:116590610-116608496 | Exonic | + | 17886 | 1758 | NM_020940 | FAM160B1 | Downregulation |
| hsa_circ_00003 76 | chr12:11199618-11248400 | Exonic | - | 48782 | 48782 | NR_037918 | PRH1-PRR4 | Downregulation |
| hsa_circ_00043 69 | chrX:149983334-149984551 | Exonic | - | 1217 | 159 | NM_001242614 | CD99L2 | Downregulation |
| hsa_circ_00923 | chr11:8706439-8707219 | Intronic | + | 780 | 780 | NM_000990 | RPL27A | Downregulation |

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| 42 | | | | | | | | |
| hsa_circ_00400 39 | chr16:69279504-69318147 | Exonic | + | 38643 | 765 | NM_006750 | SNTB2 | Downregulation |
| hsa_circ_00052 65 | chr20:2928627-2945848 | Exonic | + | 17221 | 554 | NM_080841 | PTPRA | Downregulation |
| hsa_circ_00917 10 | chrX:151130894-151131115 | Exonic | - | 221 | 221 | NM_004961 | GABRE | Upregulation |
| hsa_circ_00922 83 | chr22:36681395-36681695 | Intronic | - | 300 | 300 | NM_002473 | MYH9 | Upregulation |
| hsa_circ_00626 82 | chr22:26936754-26937684 | Exonic | - | 930 | 930 | NM_001008566 | TPST2 | Upregulation |
| hsa_circ_00052 73 | chr8:141710989-141716304 | Exonic | - | 5315 | 357 | NM_001199649 | PTK2 | Upregulation |
| hsa_circ_00327 04 | chr14:76173360-76187046 | Exonic | + | 13686 | 457 | NM_015072 | TLL5 | Upregulation |
| hsa_circ_00923 60 | chr17:27047048-27047688 | Intronic | + | 640 | 640 | NM_000984 | RPL23A | Upregulation |

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| hsa_circ_00056 99 | chr16:19627435-19663412 | Exonic | + | 35977 | 1198 | NM_020314 | C16orf62 | Upregulation |
| hsa_circ_00043 15 | chr16:74491771-74493687 | Exonic | - | 1916 | 229 | NR_027264 | GLG1 | Upregulation |
| hsa_circ_00075 03 | chr10:28872327-28884970 | Exonic | + | 12643 | 645 | NR_024557 | WAC | Upregulation |
| hsa_circ_00434 38 | chr17:37583953-37584043 | Exonic | - | 90 | 90 | NM_004774 | MED1 | Upregulation |
| hsa_circ_00066 08 | chr10:3160973-3162236 | Exonic | + | 1263 | 241 | NM_001242339 | PFKP | Upregulation |
| hsa_circ_00005 16 | chr14:20811398-20811483 | Exonic | + | 85 | 85 | NR_002312 | RPPH1 | Upregulation |
| hsa_circ_00024 04 | chr17:35603741-35609962 | Exonic | - | 6221 | 634 | NM_198839 | ACACA | Upregulation |
| hsa_circ_00019 55 | chr15:64495280-64508912 | Exonic | - | 13632 | 815 | NM_022048 | CSNK1G1 | Upregulation |
| hsa_circ_00068 | chr11:66006274-66006748 | Exonic | + | 474 | 179 | NM_018026 | PACS1 | Upregulation |

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| 57 | | | | | | | | |
| hsa_circ_00005 19 | chr14:20811436-20811534 | Exonic | - | 98 | 98 | NR_002312 | RPPH1 | Upregulation |
| hsa_circ_00087 84 | chr13:24164288-24200931 | Exonic | + | 36643 | 479 | NM_148957 | TNFRSF19 | Upregulation |
| hsa_circ_00019 36 | chrX:79962925-79975155 | Exonic | - | 12230 | 676 | NM_153252 | BRWD3 | Upregulation |
| hsa_circ_00617 49 | chr21:40648098-40649277 | Exonic | - | 1179 | 142 | NM_033656 | BRWD1 | Upregulation |
| hsa_circ_00720 88 | chr5:32379220-32388780 | Exonic | - | 9560 | 693 | NM_016107 | ZFR | Upregulation |
| hsa_circ_00009 81 | chr2:20240809-20240905 | Intronic | - | 96 | 96 | NM_014713 | LAPTM4A | Upregulation |
| hsa_circ_00417 32 | chr17:6350782-6351078 | Exonic | + | 296 | 296 | NM_019013 | FAM64A | Upregulation |
| hsa_circ_00005 17 | chr14:20811404-20811492 | Exonic | - | 88 | 88 | NR_002312 | RPPH1 | Upregulation |

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| hsa_circ_00005 15 | chr14:20811305-20811534 | Exonic | - | 229 | 229 | NR_002312 | RPPH1 | Upregulation |
| hsa_circ_00005 12 | chr14:20811282-20811436 | Exonic | - | 154 | 154 | NR_002312 | RPPH1 | Upregulation |
| hsa_circ_00005 11 | chr14:20811282-20811431 | Exonic | - | 149 | 149 | NR_002312 | RPPH1 | Upregulation |
| hsa_circ_00005 14 | chr14:20811305-20811436 | Exonic | - | 131 | 131 | NR_002312 | RPPH1 | Upregulation |
| hsa_circ_00005 18 | chr14:20811404-20811554 | Exonic | - | 150 | 150 | NR_002312 | RPPH1 | Upregulation |
| hsa_circ_00005 20 | chr14:20811436-20811559 | Exonic | - | 123 | 123 | NR_002312 | RPPH1 | Upregulation |

^alogFC|>2.0 and P<0.05. FC, fold-change; circRNA, circular RNA; chr, chromosome; TADA2A, transcriptional adaptor 2A; NOL10, nucleolar protein 10; RPPH1, ribonuclease P RNA component H1; hsa, Homo sapiens.