

1 **Supplementary Table 1** **The 10 most highly downregulated genes in JQ1+ versus JQ-**
2 **treated AtT20 cells, as determined by RNA sequencing**

Gene	Adjusted p-value	Fold change
<i>Kif12</i>	6.8933E-129	-670.85
<i>Apoa5</i>	8.9985E-18	-163.36
<i>Lmx1a</i>	2.96026E-17	-148.89
<i>Dio2</i>	3.9329E-208	-78.20
<i>Gm3693</i>	5.30346E-21	-57.44
<i>Gm26512</i>	2.14834E-34	-52.41
<i>Krt23</i>	0.00E+00	-51.62
<i>Mycs</i>	2.21968E-59	-50.42
<i>Mgat5b</i>	9.99312E-42	-50.18
<i>Kcnj11</i>	3.37611E-50	-48.30
<i>Samd3</i>	2.18071E-12	-45.05
<i>Casr</i>	2.7488E-178	-43.30
<i>Adamtsl2</i>	4.7203E-212	-40.72
<i>Gsdma</i>	2.893E-192	-40.14
<i>Tcea3</i>	3.84935E-14	-38.77
<i>R3hdml</i>	2.72895E-18	-38.74
<i>E530001K10Rik</i>	6.86106E-14	-37.17
<i>Trp73os</i>	1.78098E-13	-35.56
<i>Th</i>	0.00E+00	-35.28
<i>Slc16a14</i>	2.13928E-33	-33.95

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