Correction to: Profiling Basal Forebrain Cholinergic Neurons Reveals a Molecular Basis for Vulnerability Within the Ts65Dn Model of Down Syndrome and Alzheimer's Disease

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Correction to: Molecular Neurobiology (2021) 58:5141–5162
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The original version of this article unfortunately contained some mistakes.

The authors realized there are four citation errors in the Bioinformatics section of the Methods.

Citations 68–71 in the Methods erroneously link to citations in the Discussion. The actual 4 methods references were not cited.

With this, the correct citations and its bibliographical information are hereby given.

For the Bioinformatics Methods section:

EXISTING: “Fastqc version 0.11.8 [68]”

#68 Wang X, Wang W, Li L, Perry G, Lee HG, Zhu X (2014) Oxidative stress and mitochondrial dysfunction in Alzheimer's disease. *Biochim Biophys Acta* 1842(8):1240–1247

Corrected WITH: “Fastqc version 0.11.8 [130]”

130. Andrew S (2010) FastQC: A quality control tool for high throughput sequence data. <https://www.bioinformatics.babraham.ac.uk/projects/fastqc/>

EXISTING: “Trimmomatic 0.39 [69].”

#69: Swerdlow RH (2018) Mitochondria and mitochondrial cascades in Alzheimer's disease. *J Alzheimers Dis* 62(3):1403–1416

Corrected WITH: “Trimmomatic 0.39 [131].”

131. Bolger AM, Lohse M, Usadel B (2014) Trimmomatic: a flexible trimmer for Illumina sequence data. *Bioinformatics* 30(15): 2114–2120

EXISTING: “using STAR Aligner (2.7.0) [70].”

#70 Yamazaki Y, Zhao N, Caulfield TR, Liu CC, Bu G (2019) Apolipoprotein E and Alzheimer disease: pathobiology and targeting strategies. *Nat Rev Neurol* 15(9):501–518

The original article can be found online at <https://doi.org/10.1007/s12035-021-02453-3>.

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- Corrected WITH: “using STAR Aligner (2.7.0) [132].”
132. Dobin AC, Davis CA, Schlesinger F, Drenkow J, Zaleski C, Jha P, et al (2013) STAR: ultrafast universal RNA-seq aligner. *Bioinformatics* 29:15–21
- EXISTING: “Rseqc (v3.0.0) and Picard (2.20.03) [71].”
- #71: Predecki M, Florczak-Wyspianska J, Kowalska M, Ilkowski J, Grzelak T, Bialas K, Kozubski W, Dorszewska J (2019) APOE genetic variants and apoE, miR-107 and miR-650 levels in Alzheimer's disease. *Folia Neuropathol* 57(2):106–116
- Corrected WITH: : “Rseqc (v3.0.0) and Picard (2.20.03) [133].”
133. Wang L, Wang S, Li W (2012) RSeQC: quality control of RNA-seq experiments. *Bioinformatics* 28(16):2184–2185
- The online version of the original article can be found at <https://doi.org/10.1007/s12035-021-02453-3>.

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