Correction to: Minichromosome Maintenance (MCM) family as potential diagnostic and prognostic tumor markers for human gliomas

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Following publication of the original article [1], the author noticed that there are some errors with Table 1 and Table 2. Please see the correct tables below. The authors apologize for any inconvenience caused.

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Reference
1. Hua C, et al. Minichromosome Maintenance (MCM) Family as potential diagnostic and prognostic tumor markers for human gliomas. BMC Cancer. 2014;14:526. https://doi.org/10.1186/1471-2407-14-526.

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Table 1 Comparison of mRNA expression of MCMs in glioma tumor tissue by qRT-PCR and microarray analysis

| Gene      | Unique ID    | Fold       | II/ Normal | III/ Normal | IV/ Normal | II/III | III/II | IV/II | (II-M)/ Normal | II → Normal | III → Normal | IV → Normal | III → II | IV → II | IV → III |
|-----------|--------------|------------|------------|------------|------------|--------|--------|--------|----------------|------------|------------|------------|---------|---------|---------|
| MCM2      | 202107_s_at  | qRT-PCR    | 1.97       | 3.98       | 4.52       | 2.02   | 2.29   | 1.14   | 3.5       | 1.59E-02   | 2.15E-04   | 3.97E-04   | 3.80E-03 | 6.10E-04 | 8.31E-02 |
| Microarray |              |            | 1.68       | 3.74       | 5.21       | 2.23   | 3.10   | 1.39   |          | 3.42E-02   | 2.98E-05   | 1.75E-08   | 8.38E-09 | 7.03E-06 | 1.26E-06 |
| MCM3      | 201555_at    | qRT-PCR    | 1.51       | 3.35       | 4.29       | 2.22   | 2.84   | 1.28   | 3.1       | 1.37E-02   | 1.95E-03   | 2.73E-04   | 1.89E-02 | 1.10E-03 | 1.72E-03 |
| Microarray |              |            | 1.84       | 2.62       | 2.91       | 1.42   | 1.58   | 1.11   |          | 4.85E-03   | 2.66E-05   | 3.71E-06   | 1.06E-02 | 9.77E-07 | 6.82E-04 |
| MCM4      | 222036_s_at  | qRT-PCR    | 2.07       | 4.29       | 6.68       | 2.07   | 3.23   | 1.56   | 4.3       | 6.21E-02   | 4.36E-02   | 2.53E-02   | 7.30E-02 | 4.26E-02 | 6.82E-02 |
| Microarray |              |            | 1.93       | 2.47       | 3.93       | 1.28   | 2.04   | 1.59   |          | 7.19E-02   | 1.82E-02   | 3.68E-03   | 6.01E-03 | 2.89E-03 | 4.29E-03 |
| MCM5      | 201755_at    | qRT-PCR    | 1.77       | 3.51       | 6.05       | 1.98   | 3.42   | 1.72   | 3.8       | 1.49E-02   | 1.38E-03   | 5.05E-04   | 1.32E-02 | 1.67E-03 | 7.29E-03 |
| Microarray |              |            | 0.95       | 1.63       | 2.89       | 1.72   | 3.04   | 1.77   |          | 5.91E-03   | 2.79E-03   | 5.81E-03   | 3.09E-04 | 8.59E-07 | 1.23E-03 |
| MCM6      | 201930_at    | qRT-PCR    | 1.55       | 3.89       | 4.95       | 2.51   | 3.19   | 1.27   | 3.5       | 3.96E-02   | 1.05E-02   | 1.16E-02   | 2.65E-02 | 1.17E-02 | 7.92E-02 |
| Microarray |              |            | 2.65       | 2.88       | 4.75       | 1.09   | 1.79   | 1.65   |          | 9.12E-03   | 1.07E-04   | 6.77E-04   | 8.10E-09 | 5.24E-03 | 1.42E-03 |
| MCM7      | 208795_s_at  | qRT-PCR    | 1.53       | 3.08       | 4.52       | 2.01   | 2.95   | 1.47   | 3.0       | 3.82E-02   | 2.02E-03   | 9.81E-03   | 1.25E-02 | 1.20E-03 | 4.01E-03 |
| Microarray |              |            | 1.31       | 2.82       | 3.61       | 2.15   | 2.76   | 1.28   |          | 1.59E-04   | 5.09E-04   | 3.80E-04   | 4.79E-08 | 9.28E-08 | 6.36E-02 |
| MCM10     | 220651_s_at  | qRT-PCR    | 2.17       | 3.59       | 5.05       | 1.65   | 2.33   | 1.41   | 3.6       | 3.90E-02   | 4.50E-04   | 1.46E-04   | 2.96E-02 | 1.88E-03 | 2.60E-03 |
| Microarray |              |            | 6.92       | 23.87      | 2796       | 3.45   | 4.04   | 1.17   |          | 1.37E-03   | 5.39E-08   | 7.61E-09   | 5.86E-07 | 2.59E-09 | 5.83E-02 |

MCM3 and MCM5, MCM7 and MCM10 were significantly different between grade II, III and IV samples (p < 0.05). MCM2 and MCM6 expressions were significantly increased between grade II (low grade) and II-IV (high grade) samples (p < 0.05)

Table 2 Multivariate analysis on prognosis of the patients (n = 51)

| Parameter | Risk ratio | 95% CI  | p    |
|-----------|------------|---------|------|
| Sex       | 2.067      | 0.789–4.670 | 0.151 |
| Age (≥40) | 3.155      | 1.984–4.039 | 0.042 |
| WHO (Grade 4) | 3.0843 | 1.523–3.810 | 0.034 |
| MCM2      | 8.519      | 6.280–10.508 | 0.004 |
| MCM3      | 7.328      | 5.102–9.833  | 0.007 |
| MCM4      | 0.506      | 0.343–1.441  | 0.477 |
| MCM5      | 2.117      | 0.946–3.127  | 0.146 |
| MCM6      | 2.873      | 1.377–4.073  | 0.090 |
| MCM7      | 6.576      | 4.114–8.243  | 0.010 |
| MCM10     | 0.029      | 0.015–1.093  | 0.937 |