| Gene          | Position | Spearman’s correlation | p-value |
|--------------|----------|------------------------|---------|
| ACVR1L       | 12q3.13  | 0.796                  | 3.12e-33 |
| RASSF1       | 19q3.33  | 0.785                  | 8.75e-32 |
| CCDC6        | 20q11.21 | 0.780                  | 3.88e-31 |
| ARHGEF15     | 17p11.2  | 0.767                  | 1.36e-29 |
| SCARF1       | 17p13.3  | 0.767                  | 1.52e-29 |
| ESAM         | 11q4.2   | 0.763                  | 4.01e-29 |
| GRAP         | 17p11.2  | 0.760                  | 1.04e-28 |
| ADCY1        | 14q2.2   | 0.758                  | 1.62e-28 |
| USHBP1       | 14q3.11  | 0.749                  | 1.62e-27 |
| DIPKB        | Xp11.3   | 0.746                  | 2.06e-27 |
| PEAR1        | 1q23.1   | 0.747                  | 2.79e-27 |
| TMEM1004     | 16p13.3  | 0.742                  | 7.88e-27 |
| RFTI         | 19q13.33 | 0.737                  | 2.88e-26 |
| SOX18        | 20q13.33 | 0.733                  | 7.96e-26 |
| RHOA4        | 11q4.2   | 0.727                  | 2.92e-25 |
| SH6D3C       | 9q4.11   | 0.725                  | 4.84e-25 |
| CLEC14A      | 14q21.1  | 0.723                  | 6.88e-25 |
| FLI1         | 5p15.3   | 0.720                  | 1.35e-24 |
| NOTCH4       | 6p21.32  | 0.716                  | 2.86e-24 |
| HSPA1A2B     | 20p13    | 0.716                  | 3.06e-24 |
| JXOC3L1      | 16q22.1  | 0.714                  | 4.27e-24 |
| BCL6B        | 17p13.1  | 0.714                  | 5.13e-24 |
| TMEM74B      | 20p13    | 0.707                  | 2.13e-23 |
| ESDOR        | 5p12.2   | 0.708                  | 2.37e-23 |
| NABP3        | 5p13.5   | 0.705                  | 3.08e-23 |
| GIPC3        | 19p13.3  | 0.701                  | 7.05e-23 |
| KANK3        | 19p13.3  | 0.700                  | 7.66e-23 |
| SLC34A2P2     | 19p13.3  | 0.691                  | 4.96e-22 |
| FOXF2        | 6q2.5    | 0.689                  | 7.08e-22 |
| GPR4         | 19q3.32  | 0.689                  | 7.35e-22 |
| EP2G         | 21q22.2  | 0.688                  | 8.26e-22 |
| SOX17        | 8q11.23  | 0.686                  | 1.22e-21 |
| PROR5ER2     | 10p14    | 0.683                  | 2.10e-21 |
| TNFRSF9A      | 1p3.33   | 0.681                  | 3.15e-21 |
| ICAM2        | 17q33.3  | 0.680                  | 3.55e-21 |
| MYCT1        | 6p2.5    | 0.679                  | 4.18e-21 |
| HKD1B        | 17q21.31 | 0.679                  | 4.60e-21 |
| JAG2         | 14q23.32 | 0.672                  | 1.58e-20 |
| CDH5         | 16q21    | 0.671                  | 1.92e-20 |
| EMOCN        | 4q4      | 0.669                  | 2.76e-20 |
| ADDORA2A     | 22q11.23 | 0.669                  | 2.81e-20 |
| COX4D2       | 20q11.21 | 0.668                  | 3.11e-20 |
| PDKFB        | 22p3.1   | 0.667                  | 4.18e-20 |
| IL11RA        | Xp22.33 and Yp11.2 | 0.666 | 4.66e-20 |
| MVVRA2       | 11p33.2  | 0.661                  | 1.14e-19 |
| NCSTRN       | 2p24.3   | 0.657                  | 2.26e-19 |
| PLCDC1       | 17q21    | 0.656                  | 2.41e-19 |
| DL4          | 15q5.1   | 0.656                  | 2.71e-19 |
| ADGRE4       | 1p11.1   | 0.653                  | 4.07e-19 |
| GJA4         | 1p3.43   | 0.652                  | 4.66e-19 |
| TMEM168      | 17q13.1  | 0.649                  | 8.55e-19 |
| TM4SF18      | 3p25.1   | 0.638                  | 4.85e-18 |
| CLEC1A       | 12p13.2  | 0.635                  | 7.12e-18 |
| MIMP25       | 17p13.3  | 0.634                  | 8.93e-18 |
| CVHR5        | 21q11.3  | 0.629                  | 1.84e-17 |
| HRC          | 19p13.33 | 0.626                  | 2.79e-17 |
| SLC38A1      | 2p4.3    | 0.626                  | 2.96e-17 |
| CLDQ6        | 22q1.21  | 0.624                  | 3.78e-17 |
| FCSD1        | 20q11.21 | 0.621                  | 5.88e-17 |
| LAMC3        | 9q3.12   | 0.618                  | 9.27e-17 |
| LMCD3        | 3p14.1   | 0.618                  | 9.68e-17 |
| TIE7         | 1p3.42   | 0.618                  | 1.00e-16 |
| FAM110D       | 1p26.11  | 0.618                  | 1.02e-16 |
| WWC          | 12p13.31 | 0.614                  | 1.67e-16 |
| FAM162B       | 6p2.1    | 0.613                  | 2.01e-16 |
| SRARP        | 1p3.13   | 0.612                  | 2.28e-16 |
| VSG2         | 11q4.2   | 0.611                  | 2.60e-16 |
| NCST3        | 7q2.31   | 0.611                  | 2.76e-16 |
| SPAAR        | 9p13.3   | 0.609                  | 3.38e-16 |
| SOD7         | 6q3.13   | 0.608                  | 4.06e-16 |
| ADGRF5       | 6p12.3   | 0.608                  | 4.16e-16 |
| PTGIR        | 19q13.32 | 0.606                  | 5.03e-16 |
| FOXD1        | 6p2.5    | 0.604                  | 7.30e-16 |
| LARCC70       | 5p12.1   | 0.603                  | 7.49e-16 |
| CARMIN1       | 5p12    | 0.603                  | 7.51e-16 |
| RGR5         | 1p3.33   | 0.603                  | 8.31e-16 |
| MAGEA12       | Xp28    | 0.603                  | 8.43e-16 |
| TNFAIP8L1    | 19p13.3  | 0.601                  | 1.08e-15 |

EGFPL7, epidermal growth factor-like domain multiple 7; TCGA, The Cancer Genome Atlas.

Supplementary Table 1. Genes correlated to EGFPL7 expression in TCGA glioblastoma dataset