**S5 Table.** List of the NCBI Gene Expression Omnibus database analyzed in this study.
| Hypoxia          | Normoxia          | Cancer or non-cancer | Cell line name | Notes       | Experiment |
|------------------|-------------------|----------------------|----------------|-------------|------------|
| GSE17353         | GSM433798         | non-cancer           | EPC2           | immortal-epithelium | 1% 24h     |
|                  | GSM433797         | non-cancer           | EPC2           | immortal-epithelium | 1% 24h     |
|                  | GSE43802          | non-cancer           | EPC2           | immortal-epithelium | 0.20% 24h  |
| GSE19197         | GSM475993         | cancer               | skmnc          | sarcoma      | 1% 24h     |
|                  | GSM475995         | cancer               | tc252          | sarcoma      | 1% 24h     |
|                  | GSE29641          | cancer               | DU145          | prostate     | 0% 24h     |
|                  | GSM734530         | cancer               | HT29           | colorectal   | 0% 24h     |
|                  | GSM734538         | cancer               | MCF7           | breast       | 0% 24h     |
| GSE4086          | GSM93566          | cancer               | B-lymphocyte   | lymphoma     | 0.10% 29h  |
|                  | GSM93567          | cancer               | B-lymphocyte   | lymphoma     | 0.10% 29h  |
| GSE9234          | GSM234659         | cancer               | HT29           | colorectal   | 2% 24h     |
|                  | GSM234656         | cancer               | HT29           | colorectal   | 2% 24h     |
|                  | GSM234661         | cancer               | HT29           | colorectal   | 2% 24h     |
| GSE9649          | GSM243736         | non-cancer           | HMEC           | mammary epithelium | 2% 24h     |
|                  | GSM243737         | non-cancer           | HMEC           | mammary epithelium | 2% 24h     |
|                  | GSM243738         | non-cancer           | HMEC           | mammary epithelium | 2% 24h     |
| GSE39042         | GSM954536         | cancer               | MDA-MB-231     | breast       | 1% 16h     |
|                  | GSM954542         | cancer               | MDA-MB-231     | breast       | 1% 16h     |
|                  | GSM954548         | cancer               | MDA-MB-231     | breast       | 1% 16h     |
| GSE50378         | GSM121773         | non-cancer           | HMEC           | mammary epithelium | 1% 24h     |
|                  | 2                | non-cancer           | HMEC           | mammary epithelium | 1% 24h     |
| GSE58049         | GSM140008         | cancer               | HCT116         | colorectal   | 1% 24h     |
|                  | 8                | cancer               | HCT116         | colorectal   | 1% 24h     |
| GSE52315         | GSM126278         | cancer               | MM1S           | lymphoblast  | 24h        |
|                  | 3                | cancer               | MM1S           | lymphoblast  | 24h        |
|                  | 6                | cancer               | MM1S           | lymphoblast  | 24h        |
| GSE46054         | GSM112264         | cancer               | Hela           | cervix       | 1% 24h     |
| GSE33115         | GSM820138         | non-cancer           | HUVEC          | vein endothelium | 12h      |
|                  | GSM820139         | non-cancer           | HUVEC          | vein endothelium | 12h      |
| GSE53012         | GSM128033         | cancer               | PC-3           | prostate     | 1% 72h     |
|                  | 5                | cancer               | PC-3           | prostate     | 1% 72h     |
|                  | 6                | cancer               | PC-3           | prostate     | 1% 72h     |
|                  | 7                | cancer               | PC-3           | prostate     | 1% 72h     |
|                  | 4                | cancer               | SK-OV-3        | ovary        | 1% 72h     |
|                  | 5                | cancer               | SK-OV-3        | ovary        | 1% 72h     |
|                  | 6                | cancer               | SK-OV-3        | ovary        | 1% 72h     |
|                  | 3                | cancer               | WM793B         |            | 1% 72h     |
|                  | 1                | cancer               | WM793B         |            | 1% 72h     |
|                  | 2                | cancer               | WM793B         |            | 1% 72h     |
|                  | 4                | cancer               | WM793B         |            | 1% 72h     |