**Supplementary Table S3. Four patients with difference in six regulation ratio parameters (Patients parameters for Supplementary Figure S5(a))**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Patient #1 | Patient #2 | Patient #3 | Patient #4 |
| *u*glio\_IL6 | 0.5 | 5  | 0.5  | 5  |
| *u*glio\_EGF | 0.5 | 0.5  | 5  | 0.5  |
| *u*glio\_VEGF | 5 | 0.5  | 5  | 5  |
| *u*glio\_HGF  | 6 | 0.3  | 0.3  | 0.3  |
| *u*astro\_PGE2 | 1 | 3  | 1  | 1  |
| *u*astro\_IL1 | 1 | 1 | 0.2 | 1 |