**Supplementary File 2**

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| --- | --- | --- | --- |
|  | | % change in protein expression (*Diaph3* cKO/Ctrl) | *P*-value |
| *Cell Polarity Proteins* | | | |
| NUMA | | -25.87 | 0.126 |
| GPSM2\*\* | | -46.47 | 0.002\*\* |
| INSC | | -28.51 | 0.129 |
| NUMB\* | | -36.27 | 0.025\* |
| PAR3\* | | -41.7 | 0.025\* |
| *Motor Proteins* | | | |
| Dynein | | -32.95 | 0.055 |
| Dynactin | | -21.13 | 0.056 |
| *MT plus-end binding Proteins* | | | |
| SPAG5\* | | -37.14 | 0.040\* |
| KNSTRN\* | | -55.8 | 0.043\* |
| CLASP1 | | -10.94 | 0.063 |
| *Centromere Protein* | | | |
| CENPA\* | -52.29 | | 0.045\* |