**A**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **APPPS1****vs****WT****1M** | **APPPS1****vs****WT****3M** | **APPPS1****vs****WT****6M** | **APPPS1****vs****WT****12M** |
| **Quantifications (3 vs 3)** | 5491 | 5789 | 5848 | 5669 |
| **Regulated**  | 98 | 1010 | 679 | 1409 |
| **Up-regulated**  | 76 | 332 | 365 | 776 |
| **Down-regulated**  | 22 | 678 | 314 | 633 |
| **Up-regulated FDR corrected** | 0 | 332 | 309 | 776 |
| **Down-regulated FDR corrected** | 0 | 678 | 261 | 633 |
| **Up-regulated FDR corrected (%)** | 0.0% | 5.7% | 5.3% | 13.7% |
| **Down-regulated FDR corrected (%)** | 0.0% | 11.7% | 4.5% | 11.2% |

**B**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **APP-KI****vs****WT****1M** | **APP-KI****vs****WT****3M** | **APP-KI****vs****WT****6M** | **APP-KI****vs****WT****12M** |
| **Quantifications (3 vs 3)** | 5713 | 5711 | 5653 | 5715 |
| **Regulated**  | 41 | 700 | 559 | 1337 |
| **Up-regulated**  | 19 | 22 | 245 | 704 |
| **Down-regulated**  | 54 | 109 | 267 | 666 |
| **Up-regulated FDR corrected** | 0 | 1 | 140 | 704 |
| **Down-regulated FDR corrected** | 0 | 0 | 151 | 666 |
| **Up-regulated FDR corrected (%)** | 0.0% | 0.0% | 2.5% | 12.3% |
| **Down-regulated FDR corrected (%)** | 0.0% | 0.0% | 2.7% | 11.7% |

# Supplementary file 2