**Supporting Information Table S3 - Gene ontology (GO) biological process terms found**

**to be significantly associated with genes significantly differentially expressed after**

**knockdown of RPL19 using hypergeometric tests**

|  |  |  |
| --- | --- | --- |
| **GO ID** | ***p* value** |  **GO Term** |
| GO:0048731  | 8.29x10-06 | [**System development**](http://www.godatabase.org/cgi-bin/amigo/go.cgi?view=details&search_constraint=terms&depth=0&query=GO:0048731)  |
| GO:0051674  | 2.56 x10-05 | [**Localization of cell**](http://www.godatabase.org/cgi-bin/amigo/go.cgi?view=details&search_constraint=terms&depth=0&query=GO:0051674)  |
| GO:0007155  | 4.08 x10-05 | [**Cell adhesion**](http://www.godatabase.org/cgi-bin/amigo/go.cgi?view=details&search_constraint=terms&depth=0&query=GO:0007155)  |
| GO:0009605  | 8.34 x10-05 | [**Response to external stimulus**](http://www.godatabase.org/cgi-bin/amigo/go.cgi?view=details&search_constraint=terms&depth=0&query=GO:0009605)  |
| GO:0048870  | 9.52 x10-05 | [**Cell motility**](http://www.godatabase.org/cgi-bin/amigo/go.cgi?view=details&search_constraint=terms&depth=0&query=GO:0048870)  |
| GO:0007416  | 1.70 x10-04 | [**Synaptogenesis**](http://www.godatabase.org/cgi-bin/amigo/go.cgi?view=details&search_constraint=terms&depth=0&query=GO:0007416)  |
| GO:0043062  | 2.09 x10-04 | [**Extracellular structure organization**](http://www.godatabase.org/cgi-bin/amigo/go.cgi?view=details&search_constraint=terms&depth=0&query=GO:0043062)  |
| GO:0032502  | 2.11x10-04 | [**Developmental process**](http://www.godatabase.org/cgi-bin/amigo/go.cgi?view=details&search_constraint=terms&depth=0&query=GO:0032502)  |
| GO:0065007  | 2.23 x10-04 | [**Biological regulation**](http://www.godatabase.org/cgi-bin/amigo/go.cgi?view=details&search_constraint=terms&depth=0&query=GO:0065007)  |
| GO:0048729  | 2.34 x10-04 | [**Tissue morphogenesis**](http://www.godatabase.org/cgi-bin/amigo/go.cgi?view=details&search_constraint=terms&depth=0&query=GO:0048729)  |
| GO:0006954  | 2.64 x10-04 | [**Inflammatory response**](http://www.godatabase.org/cgi-bin/amigo/go.cgi?view=details&search_constraint=terms&depth=0&query=GO:0006954)  |
| GO:0032501  | 3.04 x10-04 | [**Multicellular organismal process**](http://www.godatabase.org/cgi-bin/amigo/go.cgi?view=details&search_constraint=terms&depth=0&query=GO:0032501)  |
| GO:0050900  | 4.11 x10-04 | [**Leukocyte migration**](http://www.godatabase.org/cgi-bin/amigo/go.cgi?view=details&search_constraint=terms&depth=0&query=GO:0050900)  |
| GO:0050794  | 4.97 x10-04 | [**Regulation of cellular process**](http://www.godatabase.org/cgi-bin/amigo/go.cgi?view=details&search_constraint=terms&depth=0&query=GO:0050794)  |
| GO:0007154  | 6.20 x10-04 | [**Cell communication**](http://www.godatabase.org/cgi-bin/amigo/go.cgi?view=details&search_constraint=terms&depth=0&query=GO:0007154)  |
| GO:0016339  | 6.94 x10-04 | [**Calcium-dependent cell-cell adhesion**](http://www.godatabase.org/cgi-bin/amigo/go.cgi?view=details&search_constraint=terms&depth=0&query=GO:0016339)  |
| GO:0006576  | 7.07 x10-04 | [**Biogenic amine metabolic process**](http://www.godatabase.org/cgi-bin/amigo/go.cgi?view=details&search_constraint=terms&depth=0&query=GO:0006576)  |
| GO:0048522  | 7.40 x10-04 | [**Positive regulation of cellular process**](http://www.godatabase.org/cgi-bin/amigo/go.cgi?view=details&search_constraint=terms&depth=0&query=GO:0048522)  |
| GO:0051050  | 9.13 x10-04 | [**Positive regulation of transport**](http://www.godatabase.org/cgi-bin/amigo/go.cgi?view=details&search_constraint=terms&depth=0&query=GO:0051050)  |
| GO:0015939  | 9.38 x10-04 | [**Pantothenate metabolic process**](http://www.godatabase.org/cgi-bin/amigo/go.cgi?view=details&search_constraint=terms&depth=0&query=GO:0015939)  |