**Table 1.** Biological Process Gene Ontology (GO) terms involved in the NF-κB pathway significantly overrepresented following starvation in (**A**) aposymbiotic and (**B**) symbiotic Aiptasia.

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| 1. **NF-κB Pathway GO Terms Overrepresented in Starved Aposymbiotic Aiptasia** | | | | |
| **GO Term** | **Name** | **Delta Rank Value** | **P-value** | **P-adjusted Value** |
| GO:0007249 | I-kappaB kinase/NF-kappaB signaling | 2291 | 0.00731095 | 0.04363105 |
| GO:0007250;  GO:1901222 | regulation of NIK/NF-kappaB signaling | 2224 | 0.00036547 | 0.00401929 |
| GO:0042345 | regulation of NF-kappaB import into nucleus | 2654 | 0.00188752 | 0.0152533 |
| GO:0043122 | regulation of I-kappaB kinase/NF-kappaB signaling | 1642 | 1.81E-05 | 0.00031836 |
| GO:0043123 | positive regulation of I-kappaB kinase/NF-kappaB signaling | 1179 | 0.01211786 | 0.0619805 |
| GO:0051092 | positive regulation of NF-kappaB transcription factor activity | 1885 | 0.00030273 | 0.00346302 |

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| 1. **NF-κB Pathway GO Terms Overrepresented in Starved Symbiotic Aiptasia** | | | | |
| **GO Term** | **Name** | **Delta Rank Value** | **P-value** | **P-adjusted Value** |
| GO:0007250;  GO:1901222 | regulation of NIK/NF-kappaB signaling | 1741 | 0.00033455 | 0.00571693 |
| GO:0042345 | regulation of NF-kappaB import into nucleus | 1685 | 0.01222017 | 0.08236563 |
| GO:0043122 | regulation of I-kappaB kinase/NF-kappaB signaling | 967 | 0.00134694 | 0.01631447 |