|  |  |  |  |
| --- | --- | --- | --- |
| Protein | Species | Uniprot | Identity (to human) |
| RIT1 | *Homo sapiens* | RIT1\_HUMAN | 100% |
| *Pan troglodytes* | A0A2J8K4Z0\_PANTR | 100% |
| *Sus scrofa* | Q06A93\_PIG | 97.72% |
| *Mus musculus* | RIT1\_MOUSE | 94.98% |
| *Gallus gallus* | H9L1B4\_CHICK | 93.90% |
| *Xenopus laevis* | Q6AZU5\_XENLA | 86.05% |
| *Danio rerio* | B3DJU3\_DANRE | 75.83% |
| *Drosophila melanogaster* | Q7JMZ0\_DROME | 55.50% |
| *Caenorhabditis elegans* | Not found | N/A |
| *Saccharomyces cerevisiae* | Not found | N/A |
| KRAS | *Homo sapiens* | RASK\_HUMAN iso2B | 100% |
| *Pan troglodytes* | H2Q5M0\_PANTR | 100% |
| *Sus scrofa* | A0A287B854\_PIG | 99.47% |
| *Mus musculus* | RASK\_MOUSE iso2B | 97.34% |
| *Gallus gallus* | A0A1D5NY37\_CHICK | 98.94% |
| *Xenopus laevis* | RASK\_XENLA | 97.33% |
| *Danio rerio* | Q6AZA4\_DANRE | 96.28% |
| *Drosophila melanogaster* | RAS1\_DROME | 79.79% |
| *Caenorhabditis elegans* | LET60\_CAEEL | 79.23% |
| *Saccharomyces cerevisiae* | RAS1\_YEAST  RAS2\_YEAST | 55.85%  56.91% |
| LZTR1 | *Homo sapiens* | LZTR1\_HUMAN | 100% |
| *Pan troglodytes* | H2QLA3\_PANTR | 99.88% |
| *Sus scrofa* | A0A286ZYJ1\_PIG | 95.48% |
| *Mus musculus* | LZTR1\_MOUSE | 95.10% |
| *Gallus gallus* | A0A1D5P134\_CHICK | 89.85% |
| *Xenopus laevis* | Q6NRT1\_XENLA | 87.29% |
| *Danio rerio* | F1R533\_DANRE | 87.61% |
| *Drosophila melanogaster* | LZTR1\_DROME | 54.50% |
| *Caenorhabditis elegans* | Not found | N/A |
| *Saccharomyces cerevisiae* | Not found | N/A |