

| Sample | Gene | piN | piS | piN/piS | p-value | t-value |
|-----------|-------|------------|------------|------------|------------|------------|
| Cat_1 | E | 0 | 0 | #NUM! | | |
| Cat_2 | E | 0 | 0 | #NUM! | | |
| Cat_3 | E | 0 | 0 | #NUM! | | |
| Cat_4 | E | 0 | 0 | #NUM! | | |
| Cat_5 | E | 0 | 0 | #NUM! | | |
| Cat_6 | E | 0 | 0 | #NUM! | | |
| Dog_1 | E | 0 | 0.00159166 | 0 | 0.33704906 | -1 |
| Dog_2 | E | 0 | 0 | #NUM! | | |
| Dog_3 | E | 0 | 0 | #NUM! | | |
| Ferret_1 | E | 0 | 0 | #NUM! | | |
| Hamster_1 | E | 0 | 0 | #NUM! | | |
| Hamster_2 | E | 0 | 0 | #NUM! | | |
| Hamster_3 | E | 0 | 0 | #NUM! | | |
| Cat_1 | M | 0 | 0 | #NUM! | | |
| Cat_2 | M | 0.00099835 | 0.00042898 | 2.32726467 | | |
| Cat_3 | M | 0.00098984 | 0 | #NUM! | | |
| Cat_4 | M | 0.00098155 | 0 | #NUM! | | |
| Cat_5 | M | 0 | 0 | #NUM! | | |
| Cat_6 | M | 0 | 0 | #NUM! | | |
| Dog_1 | M | 0.00034875 | 0 | #NUM! | 0.00040993 | 4.8329492 |
| Dog_2 | M | 0.00087938 | 0 | #NUM! | | |
| Dog_3 | M | 0.0001886 | 0 | #NUM! | | |
| Ferret_1 | M | 0.00038806 | 0 | #NUM! | | |
| Hamster_1 | M | 0.00093453 | 0 | #NUM! | | |
| Hamster_2 | M | 0.00078529 | 0 | #NUM! | | |
| Hamster_3 | M | 0.0009047 | 0 | #NUM! | | |
| Cat_1 | N | 0 | 0.0015134 | 0 | | |
| Cat_2 | N | 0.00051564 | 0.00210019 | 0.24552064 | | |
| Cat_3 | N | 0.0005078 | 0.00037209 | 1.36472359 | | |
| Cat_4 | N | 0.00050494 | 0.00082262 | 0.61381804 | | |
| Cat_5 | N | 0 | 0 | #NUM! | | |
| Cat_6 | N | 0 | 0 | #NUM! | | |
| Dog_1 | N | 0.00031697 | 0.00159834 | 0.198312 | 0.09540349 | -1.8099336 |
| Dog_2 | N | 0.00051078 | 0.00067619 | 0.75537941 | | |
| Dog_3 | N | 0.00037946 | 0.00163442 | 0.23216799 | | |
| Ferret_1 | N | 0.0000516 | 0 | #NUM! | | |
| Hamster_1 | N | 0.00048965 | 0 | #NUM! | | |
| Hamster_2 | N | 0.00039082 | 0 | #NUM! | | |
| Hamster_3 | N | 0.00046201 | 0.0003045 | 1.5172809 | | |
| Cat_1 | orf10 | 0 | 0 | #NUM! | | |
| Cat_2 | orf10 | 0 | 0 | #NUM! | | |

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|-----------|--------|------------|------------|------------|------------|-----------|
| Cat_3 | orf10 | 0 | 0 | #NUM! | | |
| Cat_4 | orf10 | 0 | 0 | #NUM! | | |
| Cat_5 | orf10 | 0 | 0 | #NUM! | | |
| Cat_6 | orf10 | 0 | 0 | #NUM! | | |
| Dog_1 | orf10 | 0 | 0 | #NUM! | | |
| Dog_2 | orf10 | 0 | 0 | #NUM! | | |
| Dog_3 | orf10 | 0 | 0 | #NUM! | | |
| Ferret_1 | orf10 | 0 | 0 | #NUM! | | |
| Hamster_1 | orf10 | 0 | 0 | #NUM! | | |
| Hamster_2 | orf10 | 0 | 0 | #NUM! | | |
| Hamster_3 | orf10 | 0 | 0 | #NUM! | | |
| Cat_1 | orf1ab | 0 | 0 | #NUM! | | |
| Cat_2 | orf1ab | 0.00010357 | 0.0000647 | 1.6007728 | | |
| Cat_3 | orf1ab | 0.0000998 | 0.0000947 | 1.05385428 | | |
| Cat_4 | orf1ab | 0.00012544 | 0.0000234 | 5.3607265 | | |
| Cat_5 | orf1ab | 0.0000392 | 0.0000178 | 2.20224719 | | |
| Cat_6 | orf1ab | 0.000026 | 0 | #NUM! | | |
| Dog_1 | orf1ab | 0.00019715 | 0.0000371 | 5.31401617 | 0.01310032 | 2.9092086 |
| Dog_2 | orf1ab | 0.00016849 | 0.00017513 | 0.96208531 | | |
| Dog_3 | orf1ab | 0.00023352 | 0.0000823 | 2.83742406 | | |
| Ferret_1 | orf1ab | 0.0000353 | 0.0000841 | 0.41973841 | | |
| Hamster_1 | orf1ab | 0.0000761 | 0.0000167 | 4.55688623 | | |
| Hamster_2 | orf1ab | 0.0000601 | 0 | #NUM! | | |
| Hamster_3 | orf1ab | 0.00010307 | 0.0000315 | 3.272 | | |
| Cat_1 | orf3a | 0 | 0 | #NUM! | | |
| Cat_2 | orf3a | 0 | 0 | #NUM! | | |
| Cat_3 | orf3a | 0 | 0 | #NUM! | | |
| Cat_4 | orf3a | 0 | 0 | #NUM! | | |
| Cat_5 | orf3a | 0 | 0 | #NUM! | | |
| Cat_6 | orf3a | 0 | 0 | #NUM! | | |
| Dog_1 | orf3a | 0 | 0 | #NUM! | 0.33704906 | 1 |
| Dog_2 | orf3a | 0.00059365 | 0 | #NUM! | | |
| Dog_3 | orf3a | 0 | 0 | #NUM! | | |
| Ferret_1 | orf3a | 0 | 0 | #NUM! | | |
| Hamster_1 | orf3a | 0 | 0 | #NUM! | | |
| Hamster_2 | orf3a | 0 | 0 | #NUM! | | |
| Hamster_3 | orf3a | 0 | 0 | #NUM! | | |
| Cat_1 | orf6 | 0 | 0 | #NUM! | | |
| Cat_2 | orf6 | 0 | 0 | #NUM! | | |
| Cat_3 | orf6 | 0.00041077 | 0 | #NUM! | 0.09816404 | 1.7931899 |
| Cat_4 | orf6 | 0 | 0 | #NUM! | | |
| Cat_5 | orf6 | 0 | 0 | #NUM! | | |
| Cat_6 | orf6 | 0 | 0 | #NUM! | | |

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|-----------|-------|------------|------------|------------|------------|-----------|
| Dog_1 | orf6 | 0 | 0 | #NUM! | | |
| Dog_2 | orf6 | 0 | 0 | #NUM! | | |
| Dog_3 | orf6 | 0 | 0 | #NUM! | | |
| Ferret_1 | orf6 | 0.00078842 | 0 | #NUM! | | |
| Hamster_1 | orf6 | 0 | 0 | #NUM! | | |
| Hamster_2 | orf6 | 0 | 0 | #NUM! | | |
| Hamster_3 | orf6 | 0.00091295 | 0 | #NUM! | | |
| Cat_1 | orf7a | 0 | 0 | #NUM! | | |
| Cat_2 | orf7a | 0 | 0 | #NUM! | | |
| Cat_3 | orf7a | 0 | 0 | #NUM! | | |
| Cat_4 | orf7a | 0 | 0 | #NUM! | | |
| Cat_5 | orf7a | 0 | 0 | #NUM! | | |
| Cat_6 | orf7a | 0 | 0 | #NUM! | | |
| Dog_1 | orf7a | 0 | 0 | #NUM! | 0.33704906 | 1 |
| Dog_2 | orf7a | 0 | 0 | #NUM! | | |
| Dog_3 | orf7a | 0.00046822 | 0 | #NUM! | | |
| Ferret_1 | orf7a | 0 | 0 | #NUM! | | |
| Hamster_1 | orf7a | 0 | 0 | #NUM! | | |
| Hamster_2 | orf7a | 0 | 0 | #NUM! | | |
| Hamster_3 | orf7a | 0 | 0 | #NUM! | | |
| Cat_1 | orf8 | 0 | 0 | #NUM! | | |
| Cat_2 | orf8 | 0 | 0 | #NUM! | | |
| Cat_3 | orf8 | 0.00048056 | 0 | #NUM! | | |
| Cat_4 | orf8 | 0 | 0 | #NUM! | | |
| Cat_5 | orf8 | 0 | 0 | #NUM! | | |
| Cat_6 | orf8 | 0 | 0 | #NUM! | | |
| Dog_1 | orf8 | 0.00178086 | 0.00181241 | 0.98259224 | 0.91821643 | 0.1048636 |
| Dog_2 | orf8 | 0.00062827 | 0.00277228 | 0.22662574 | | |
| Dog_3 | orf8 | 0.00202068 | 0 | #NUM! | | |
| Ferret_1 | orf8 | 0 | 0 | #NUM! | | |
| Hamster_1 | orf8 | 0 | 0 | #NUM! | | |
| Hamster_2 | orf8 | 0 | 0 | #NUM! | | |
| Hamster_3 | orf8 | 0 | 0 | #NUM! | | |
| Cat_1 | S | 0.00000908 | 0 | #NUM! | | |
| Cat_2 | S | 0.00061626 | 0 | #NUM! | | |
| Cat_3 | S | 0.00061239 | 0 | #NUM! | | |
| Cat_4 | S | 0.00044904 | 0 | #NUM! | | |
| Cat_5 | S | 0.000034 | 0 | #NUM! | 0.00022697 | 5.1862799 |
| Cat_6 | S | 0.0000476 | 0 | #NUM! | | |
| Dog_1 | S | 0.00023271 | 0 | #NUM! | | |
| Dog_2 | S | 0.00060752 | 0 | #NUM! | | |
| Dog_3 | S | 0.00029582 | 0 | #NUM! | | |
| Ferret_1 | S | 0.00017683 | 0.00010651 | 1.66018852 | | |

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|-----------|---|------------|---|-------|
| Hamster_1 | S | 0.00050022 | 0 | #NUM! |
| Hamster_2 | S | 0.00052545 | 0 | #NUM! |
| Hamster_3 | S | 0.00046551 | 0 | #NUM! |