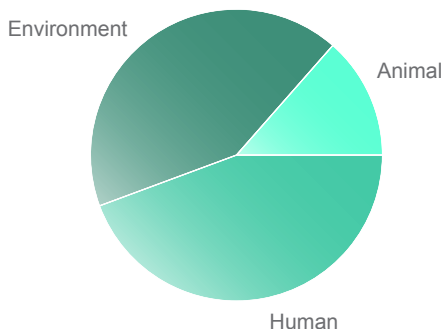
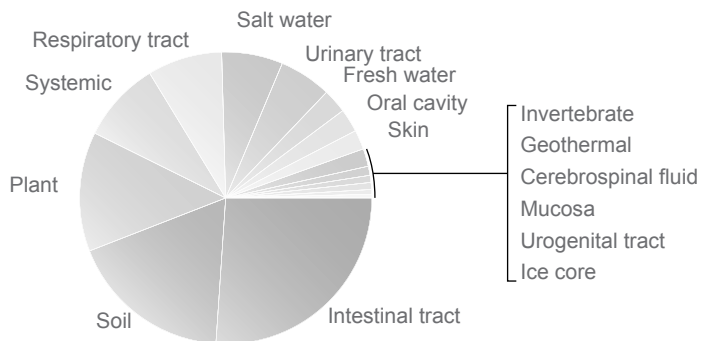
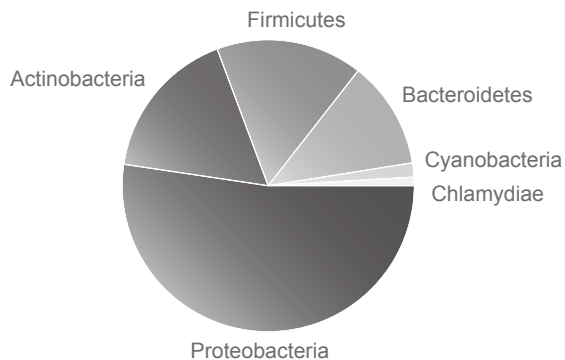
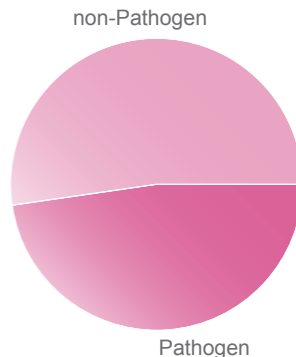


A**Habitat****B****Niche****C****Phylum****D****Phenotype****E**

| Habitat | total genomes | total proteins |
|-------------|---------------|----------------|
| Animal | 26 | 83,103 |
| Environment | 59 | 258,787 |
| Human | 80 | 272,437 |

| Niche | total genomes | total proteins |
|---------------------|---------------|----------------|
| Ice core | 1 | 2,534 |
| Urogenital tract | 2 | 3,172 |
| Mucosa | 4 | 4,753 |
| Cerebrospinal fluid | 1 | 4,827 |
| Geothermal | 2 | 6,178 |
| Invertebrate | 5 | 12,071 |
| Skin | 4 | 13,236 |
| Oral cavity | 8 | 15,903 |
| Fresh water | 4 | 16,455 |
| Urinary tract | 8 | 35,554 |
| Salt Water | 12 | 41,606 |
| Respiratory tract | 14 | 50,777 |
| Systemic | 19 | 55,106 |
| Plant | 17 | 81,255 |

| Niche <i>continued</i> | total genomes | total proteins |
|------------------------|---------------|----------------|
| Soil | 23 | 110,759 |
| Intestinal tract | 41 | 160,141 |

| Phylum | total genomes | total proteins |
|----------------|---------------|----------------|
| Chlamydiae | 5 | 5,822 |
| Cyanobacteria | 4 | 9,596 |
| Bacteroidetes | 22 | 73,311 |
| Firmicutes | 30 | 99,767 |
| Actinobacteria | 26 | 104,210 |
| Proteobacteria | 78 | 321,621 |

| Phenotype | total genomes | total proteins |
|--------------|---------------|----------------|
| non-Pathogen | 81 | 321,251 |
| Pathogen | 84 | 293,076 |