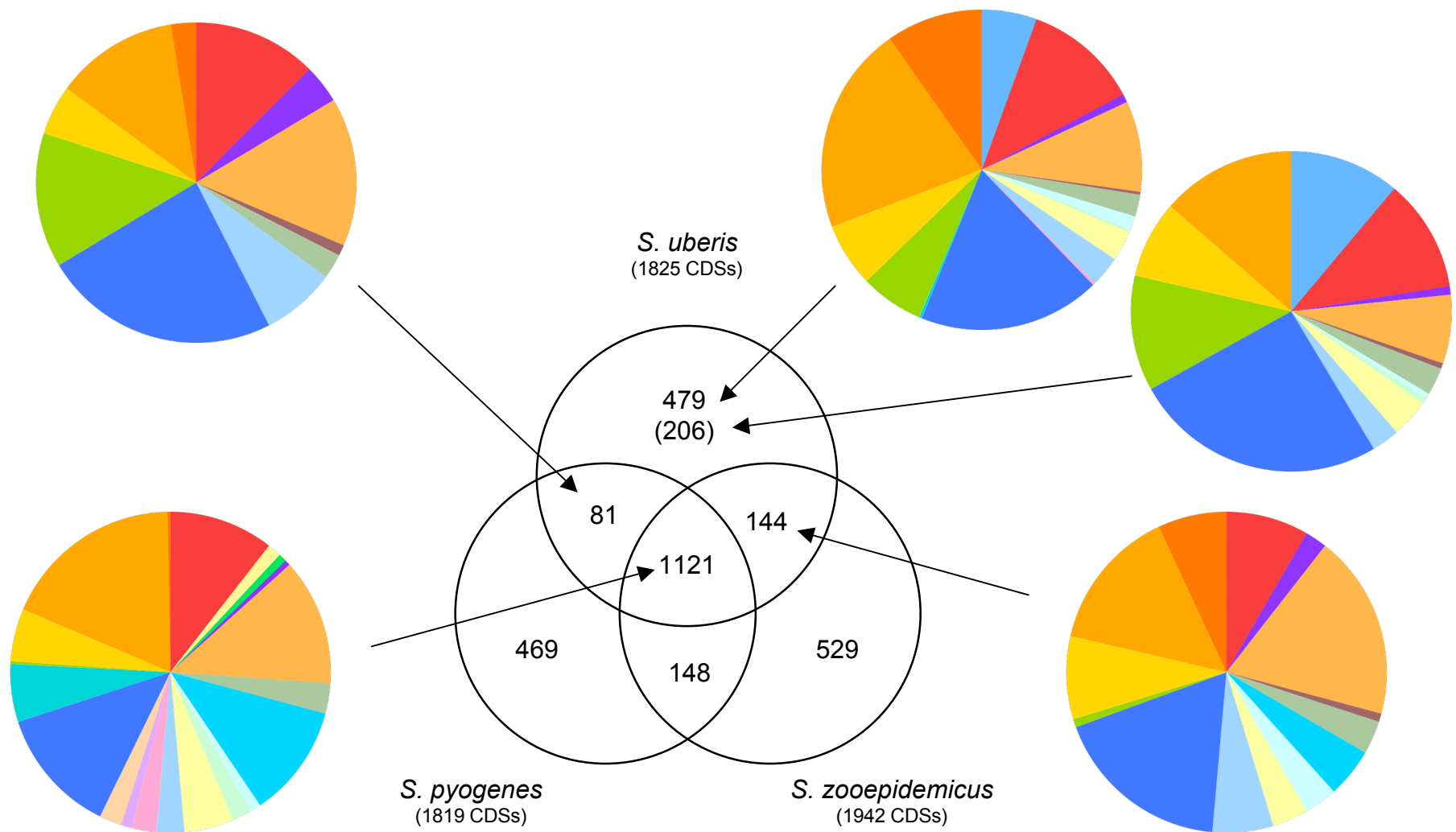




- Hypothetical proteins
- Conserved hypothetical proteins
- Replication & cell division
- Chaperones
- Protection responses
- Transport/binding proteins
- Adaptation
- Macromolecule degradation

- Macromolecule biosynthesis/modification
- Amino acid biosynthesis
- Cofactor/carriers biosynthesis
- Central/intermediary metabolism
- Small molecules degradation
- Energy metabolism - carbon
- Fatty acid biosynthesis
- Nucleotide biosynthesis

- Cell envelope
- Ribosome constituents
- Laterally acquired elements
- Regulators
- Putative assignments
- Pseudogenes