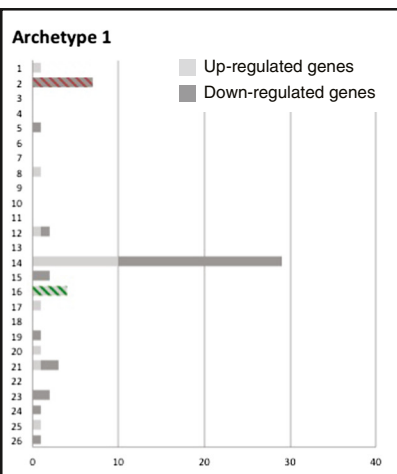
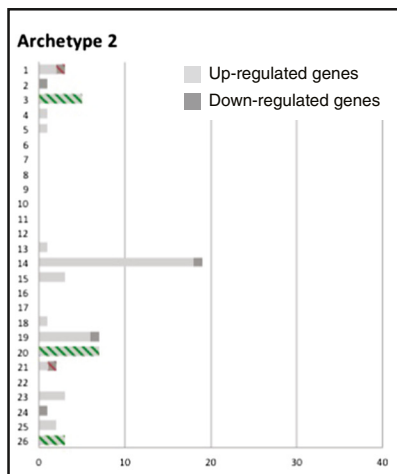


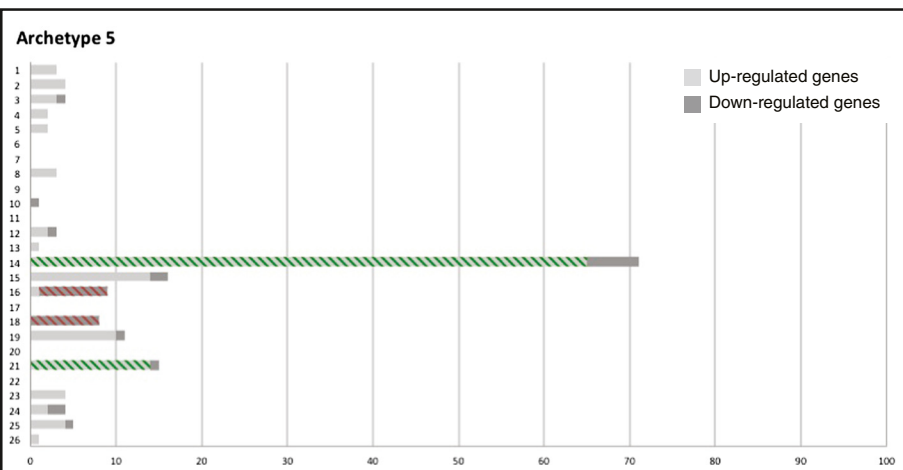
A



B



C



- 1 Adaptation, Protection
- 2 Amino acid biosynthesis and metabolism
- 3 Antibiotic resistance and susceptibility
- 4 Biosynthesis of cofactors, prosthetic groups and carriers
- 5 Carbon compound metabolism
- 6 Cell division
- 7 Cell wall / LPS / capsule
- 8 Central intermediary metabolism
- 9 Chaperones & heat shock proteins
- 10 Chemotaxis
- 11 DNA replication, recombination, modification and repair
- 12 Energy metabolism
- 13 Fatty acid and phospholipid metabolism

- 14 Hypothetical, unclassified, unknown
- 15 Membrane proteins
- 16 Motility and attachment
- 17 Nucleotide biosynthesis and metabolism
- 18 Protein secretion / export apparatus
- 19 Putative enzymes
- 20 Related to phage, transposon or plasmid
- 21 Secreted factors (toxins, enzymes, alginate)
- 22 Transcription, RNA processing and degradation
- 23 Transcriptional regulation
- 24 Translation, post-translational modification, degradation
- 25 Transport of small molecules
- 26 Two-component regulatory systems