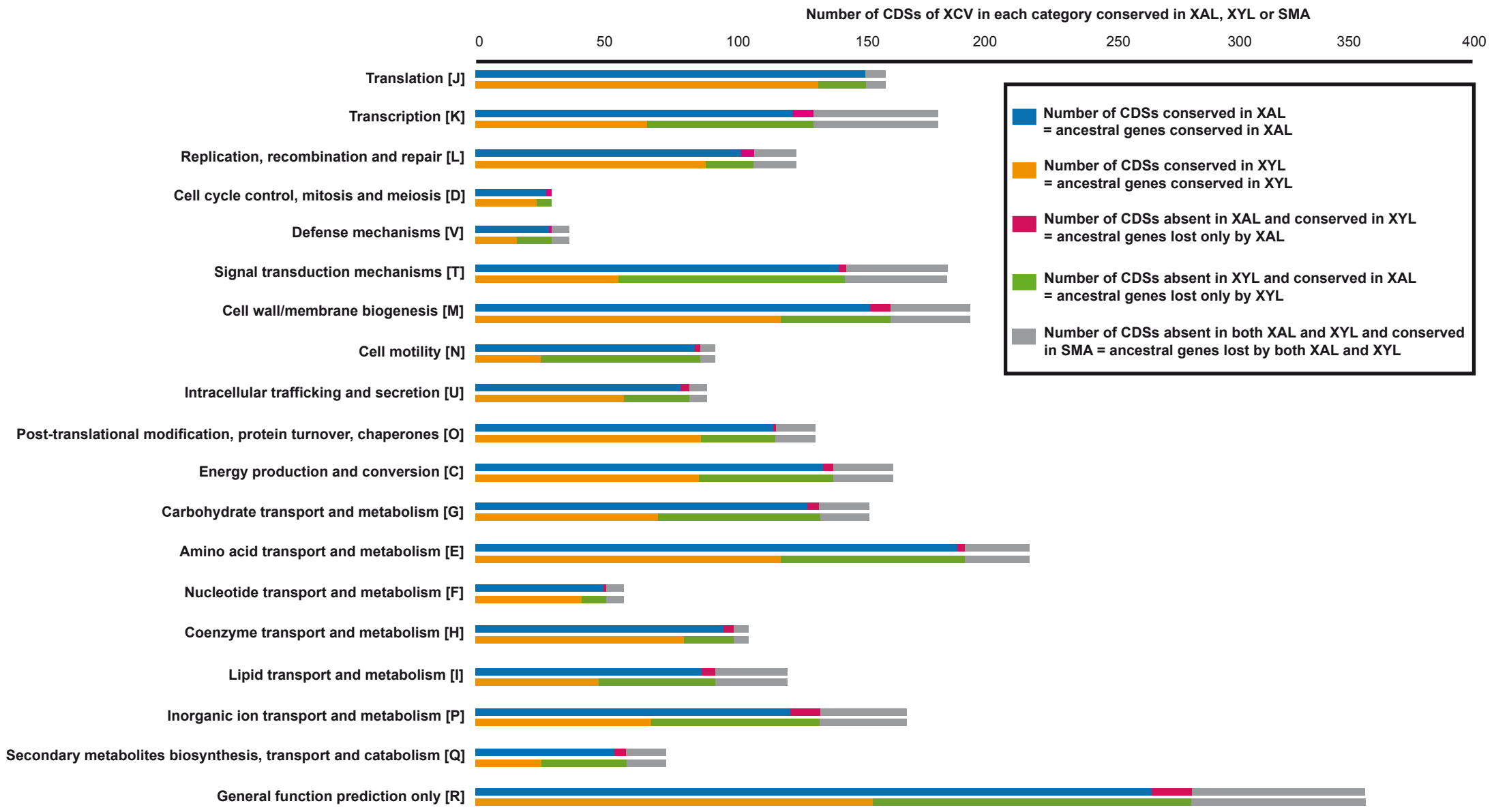
Number of CDSs of XCV in each category conserved in XAL, XYL or SMA
0
50
100
150
200
250
300
350
400
Translation [J]
Transcription [K]
Replication, recombination and repair [L]
Cell cycle control, mitosis and meiosis [D]
Defense mechanisms [V]
Signal transduction mechanisms [T]
Cell wall/membrane biogenesis [M]
Cell motility [N]
Intracellular trafficking and secretion [U]
Post-translational modification, protein turnover, chaperones [O]
Energy production and conversion [C]
Carbohydrate transport and metabolism [G]
Amino acid transport and metabolism [E]
Nucleotide transport and metabolism [F]
Coenzyme transport and metabolism [H]
Lipid transport and metabolism [I]
Inorganic ion transport and metabolism [P]
Secondary metabolites biosynthesis, transport and catabolism [Q]
General function prediction only [R]
Number of CDSs conserved in XAL = ancestral genes conserved in XAL
Number of CDSs conserved in XYL = ancestral genes conserved in XYL
Number of CDSs absent in XAL and conserved in XYL = ancestral genes lost only by XAL
Number of CDSs absent in XYL and conserved in XAL = ancestral genes lost only by XYL
Number of CDSs absent in both XAL and XYL and conserved in SMA = ancestral genes lost by both XAL and XYL