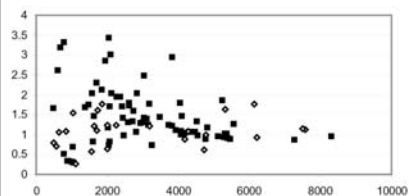
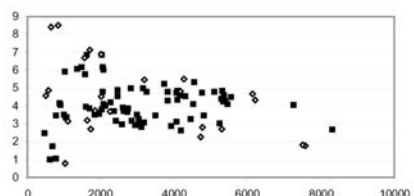


## Panel B: Cellular processes categories

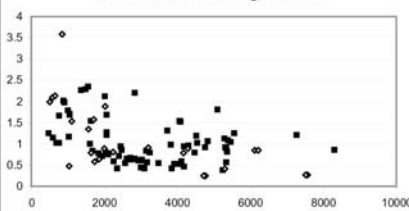
V: Defense mechanisms



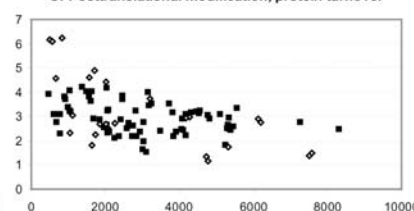
M: Cell membrane-envelope biogenesis



U: Intracellular trafficking, secretion

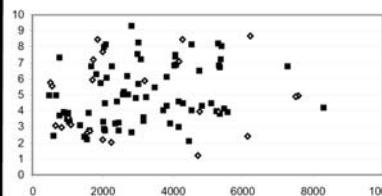


O: Posttranslational modification, protein turnover

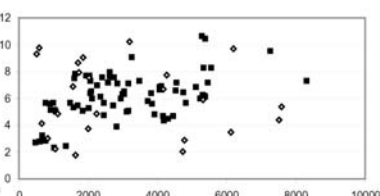


## Panel C: Metabolism categories

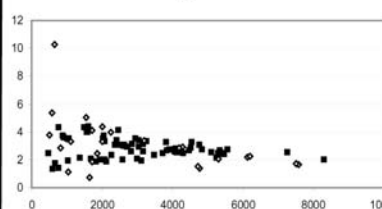
G: Carbohydrate transport and metabolism



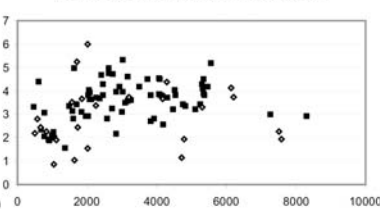
E: Amino acid transport and metabolism



H: Coenzyme metabolism

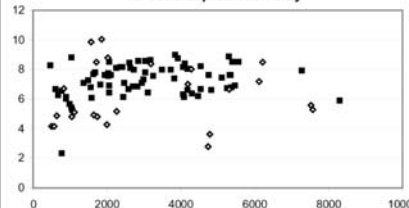


P: Inorganic ion transport and metabolism

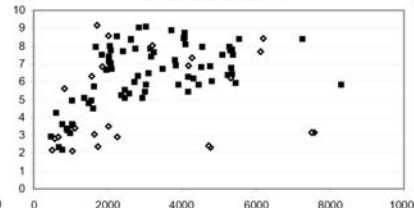


## Panel D: Poorly characterized

R: General prediction only



S: Function unknown



I: Lipid metabolism

