**Beneficial losses** transposase leaderinsbelementiscro4insertion fkbp-typeacid-resistance fimbrialis66peptidyl-prolylpeptide lipoprotein tnpastress -I-proline universalbacterioferritin hdealipopolysaccharide cis-transorf2dihydrodipicolinate betaine -10 30 40 50 20 -log10(P-value)