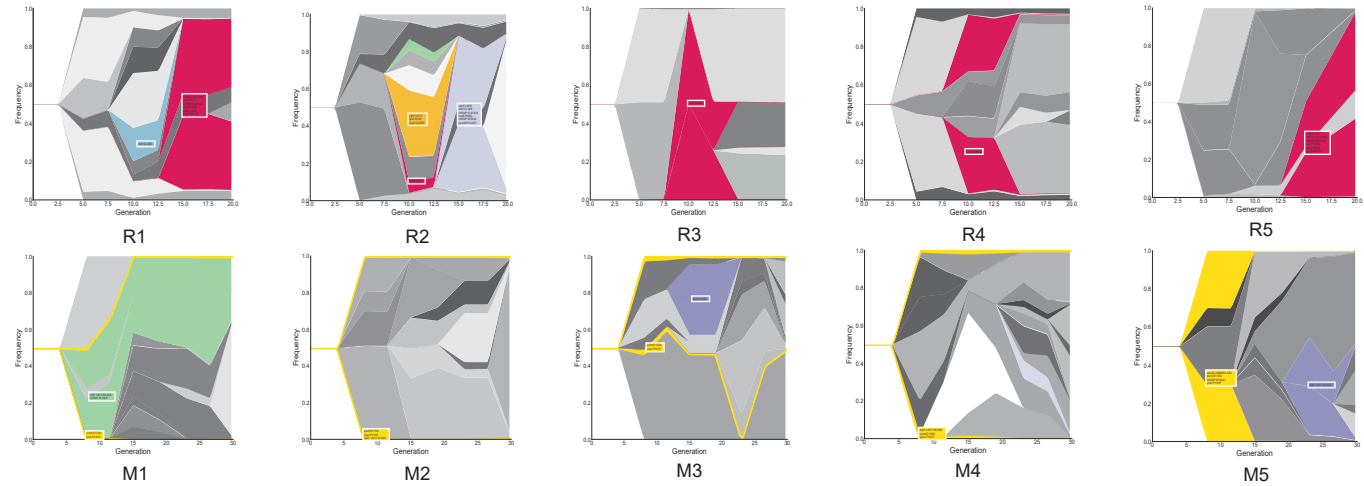


a



b

Gene	R1	R2	R3	R4	R5	M1	M2	M3	M4	M5	Description
<i>yeaC (maxR)</i>											AAA+ ATPase
<i>purN</i>											phosphoribosylglycinamide formyltransferase
<i>clpE</i>											ATP-dependent Clp protease (class III stress gene)
<i>spo0A</i>											response regulatorPhosphorelay
<i>clpX</i>											protein unfolding ATPase required for presentation of proteins to proteases
<i>radA</i>											DNA repair protein; 6-O-methylguanine-DNA methyltransferase
<i>yhgE</i>											putative methyl-accepting protein
<i>ribH</i>											6,7-dimethyl-8-ribitylumazine synthase, beta subunit
<i>[alrB]-[spo0A]</i>											[alrB],[spo0A]
<i>phi105_20</i>											phage related protein phi105_20
<i>capB</i>											poly-gamma-glutamate synthetase
<i>yjaD</i>											putative integral membrane protein; putative transporter
<i>prs</i>											phosphoribosylpyrophosphate synthetase
<i>guaB</i>											inosine-monophosphate dehydrogenase
<i>nusG</i>											transcription antitermination factor
<i>rsbRA</i>											component of the piezosome (stressosome)
<i>yeel</i>											conserved hypothetical protein
<i>yfiQ</i>											magnesium transport in/out via permease (no H+)
<i>[pit]-ykaA</i>											[pit],ykaA
<i>[pit]-[ykcC]</i>											[pit],ykaA,steT,mhqA,ykcB,[ykcC] ,
<i>[ykaA]</i>											[ykaA]
<i>ymfi</i>											putative oxidoreductase
<i>[spo0A]-[spoIVB]</i>											[spo0A],[spoIVB]
<i>relA</i>											GTP pyrophosphokinase (RelA/SpoT)
<i>pgdS</i>											gamma-DL-glutamyl hydrolase
<i>atpD</i>											ATP synthase (subunit beta, component F1)