

Group	ρ	$V_s [s^{-1}]$	$V_{abs} [a.u.]$	$C_{k_I}^v$	$C_{k_E}^v$	$C_{k_T}^v$	$n_{in\ cluster}^{genes}$	Functional sub-category	$n_{per\ category}^{genes}$
I	0.0 - 0.2	0.02 - 0.44	0.0 - 46.6	0.8 - 1.0	0 - 0.2	0	788/1108	REGgen ($p=2.8 \cdot 10^{-2}$)	31/36
								NRJsug ($p=3.1 \cdot 10^{-2}$)	15/16
								CELcom ($p=9.1 \cdot 10^{-2}$)	7/7
								NRJfer ($p=9.1 \cdot 10^{-2}$)	7/7
II	0.2 - 0.4	0.44 - 0.82	1.4 - 52.5	0.6 - 0.8	0.2 - 0.4	0	202/1108	TRDdeg ($p=9.7 \cdot 10^{-2}$)	11/12
								TSPani ($p=2.9 \cdot 10^{-3}$)	5/7
								PURpyr ($p=7.0 \cdot 10^{-3}$)	6/11
								PURsal ($p=7.0 \cdot 10^{-3}$)	6/11
III	0.4 - 0.5	0.82 - 1.10	2.9 - 36.6	0.4 - 0.6	0.4 - 0.6	0	53/1108	COFhem ($p=3.3 \cdot 10^{-2}$)	2/2
								TRDsyn ($p=5.1 \cdot 10^{-2}$)	15/54
								TSPami ($p=5.5 \cdot 10^{-2}$)	7/20
								REGdeo ($p=8.7 \cdot 10^{-2}$)	2/3
IV	0.53 - 0.64	1.11 - 1.28	4.2 - 76.3	0.2 - 0.4	0.6 - 0.8	0	19/1108	UNK ($p=3.9 \cdot 10^{-3}$)	28/383
								NRJatp ($p=2.0 \cdot 10^{-2}$)	2/5
V	0.64 - 0.85	1.28 - 1.37	3.1 - 121.6	0 - 0.2	0.8 - 1.0	0 - 0.2	41/1108	TRDfac ($p=7.3 \cdot 10^{-3}$)	2/8
								TRDsyn ($p=6.1 \cdot 10^{-2}$)	3/54
VI	0.87 - 1.00	0.67 - 1.28	3.9 - 35.2	0	0 - 0.8	0.2 - 1	5/1108	UNK ($p=7.9 \cdot 10^{-2}$)	10/383
								OTHpha ($p=7.5 \cdot 10^{-7}$)	14/87
								TRDsyn ($p=2.7 \cdot 10^{-3}$)	7/54
								UNK ($p=5.1 \cdot 10^{-2}$)	4/383

Table S1: Enrichment of functional sub-categories for genes grouped by similar translational control. See Table 1 for a description, where here we look for terms of functional sub-categories.

CELcom: cellular processes, transformation; COFhem: heme and porphyrin; NRJatp: ATP-proton motive force

interconversion; NRJsug: sugars; OTHpha: phage related functions and prophages; PURpyr: pyrimidine ribonucleotide biosynthesis; PURsal: salvage of nucleosides and nucleotides; REGdeo: deoR-family regulators; REGgen: regulatory functions, general; TRDdeg: degradation of proteins, peptides and glycopeptides; TRDfac: translation factors; TRDsyn: ribosomal proteins synthesis and modification; TSPami: amino acids, peptides and amines; TSPani: anions; UNK: unknown.