

Table S4 Direct and indirect contributions to AT-content by amino acids from low to high AT regions

Item	AT-content			aa usage			AT _{syn}			Contribution	
	AT _{0.3} [*]	AT _{0.8} [*]	ΔAT	A _{0.3} [*]	A _{0.8} [*]	ΔA	AT _{syn0.3} [*]	AT _{syn0.8} [*]	ΔAT _{syn}	Direct	Indirect
Phe	0.053	0.010	0.043	0.057	0.015	0.042	0.927	0.677	0.251	0.039	0.004
Tyr	0.041	0.006	0.035	0.044	0.009	0.035	0.929	0.695	0.234	0.033	0.002
Asn	0.064	0.005	0.059	0.069	0.007	0.062	0.925	0.694	0.231	0.057	0.002
Lys	0.084	0.006	0.078	0.092	0.009	0.083	0.921	0.683	0.239	0.076	0.002
Ile	0.090	0.010	0.080	0.094	0.015	0.079	0.958	0.680	0.278	0.076	0.004
Total	0.332	0.037	0.295	0.356	0.054	0.301	/	/	/	0.281	0.014
Percentage relative to 0.490					/	/	/	/	/	57.4%	2.8%

* The subscript “0.3” and “0.8” represent regions where the GC-content is “0.30-0.31” and “0.79-0.80”, respectively.