

Supplementary Table 4. Correlation coefficients between tAI/CAI and genes expression levels in different human tissues

Tissue	TAI	CAI	Nc	%G+C	%G+C(1)	%G+C(2)	%G+C(3)
Adrenal gland							
Ascites							
Bladder	0.463307						
Blood							
Brain							
Bone	0.391828	0.304031					
Bone_marrow	0.451939						
Cervix	0.538331	0.41851					
Connective_tissue							
Embryonic_tissue	0.476811						
Esophagus							
Eye	0.349292					-0.30376	
Heart							
Intestine	0.321668	0.266686					
Kidney	0.36579					-0.26602	
Liver	0.294731						
Lymph	0.38418	0.347432					
Lymph_node							
Lung	0.396474	0.336958				-0.25332	
Mammary_gland	0.299268						
Mouth							
Muscle	0.358406						
Nerve							

Ovary	0.435362	0.331163					
Parathyroid	0.469002						
Pancreas	0.309476	0.300429					
Placenta						-0.27209	
Pituitary_gland	0.458787			-0.43034		-0.67849	
Prostate	0.375076	0.282854					
Salivary_gland	0.556183						
Skin	0.39168					-0.28573	
Spleen							
Stomach							
Thymus							
Thyroid							
Testis				-0.31305	-0.2645	-0.28152	-0.27537
Trachea							
Uterus							
Vascular							
Total	20	8	0	2	1	7	1

tAI, tRNA Adaptation Index; CAI, Codon Adaptation Index.