

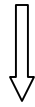
# Amino Acid Composition Statistics for Completed Genomes

[ [Sequence and database dumps available here](#) ]

Select features to plot: [ [Alternate human-only browser](#) ]

1. Organism: human Chromosome: all Feature: gene
 4. Organism: yeast Chromosome: all Feature: gene  
 2. Organism: fly Chromosome: all Feature: gene
 5. Organism: yeast Chromosome: all Feature: gene  
 3. Organism: worm Chromosome: all Feature: gene
 6. Organism: yeast Chromosome: all Feature: gene

Plot Size: small (460x300)
 Sort frequencies by first set
  Use stop codons in dist. matrix



## Plotted data (unsorted)

Feature	Residues	A	C	D	E	F	G	H	I	K	L	M	N	P	Q	R	S	T	V	W	Y	*
human genes (all chrs.)	447410	0.077	0.024	0.045	0.064	0.033	0.071	0.026	0.037	0.090	0.099	0.021	0.031	0.070	0.048	0.061	0.086	0.054	0.060	0.015	0.023	0.003
fly genes (all chrs.)	7177167	0.075	0.019	0.052	0.064	0.035	0.062	0.027	0.049	0.056	0.092	0.024	0.047	0.055	0.052	0.055	0.083	0.056	0.059	0.010	0.030	0.000
worm genes (all chrs.)	8140673	0.062	0.021	0.052	0.064	0.050	0.053	0.023	0.062	0.065	0.087	0.026	0.049	0.048	0.041	0.051	0.080	0.058	0.062	0.011	0.032	0.002
yeast genes (all chrs.)	2974116	0.055	0.013	0.058	0.065	0.045	0.049	0.022	0.066	0.073	0.095	0.021	0.061	0.044	0.039	0.044	0.090	0.059	0.056	0.010	0.034	0.002
Mean		0.067	0.019	0.052	0.064	0.041	0.059	0.025	0.053	0.061	0.093	0.023	0.047	0.054	0.045	0.053	0.085	0.057	0.059	0.012	0.030	0.002
Std. Dev.		0.009	0.004	0.005	0.000	0.007	0.008	0.002	0.011	0.009	0.004	0.002	0.011	0.010	0.005	0.006	0.004	0.002	0.002	0.002	0.004	0.001
stddev / mean		0.138	0.214	0.088	0.006	0.166	0.141	0.088	0.210	0.142	0.048	0.092	0.227	0.187	0.119	0.116	0.044	0.038	0.038	0.155	0.129	0.575
range / mean		0.339	0.592	0.248	0.008	0.408	0.363	0.203	0.530	0.371	0.130	0.227	0.638	0.494	0.289	0.317	0.119	0.096	0.105	0.378	0.341	1.518

## Distance Matrix

	human genes [all chrs.]	fly genes [all chrs.]	worm genes [all chrs.]	yeast genes [all chrs.]
human genes [all chrs.]	-	3.15%	5.47%	7.01%
fly genes [all chrs.]	3.15%	-	3.09%	4.54%
worm genes [all chrs.]	5.47%	3.09%	-	2.69%
yeast genes [all chrs.]	7.01%	4.54%	2.69%	-

## Amino Acid Frequencies

