Plant per- amino acid codon frequency vs GC3 graphs

Supplemental data for the publication Palidwor et al, 2010

This file contains graphs of codon frequency vs GC3 for prokaryotic genomes based on the gbpln.spsum CUTG codon usage data derived from the NCBI GenBank Flat File Release 160.0.

The x-axis of each graph is GC3, the y-axis is codon frequency (per- amino acid). Each point represents a single plant genome.

The blue line is the model prediction, the red line a loess fit to the observed data.
thr ACG (GC)
ala GCT (AT)
ala GCA (AT)
ala GCC (GC)
ala GCG (GC)
gly GGT (AT)
gly GGA (AT)
gly GGC (GC)
gly GGG (GC)
arg AGA (0xGC)
arg CGT (1xGC)
arg CGA (1xGC)
arg AGG (1xGC)
arg CGC (2xGC)
arg CGG (2xGC)
leu TTA (0xGC)