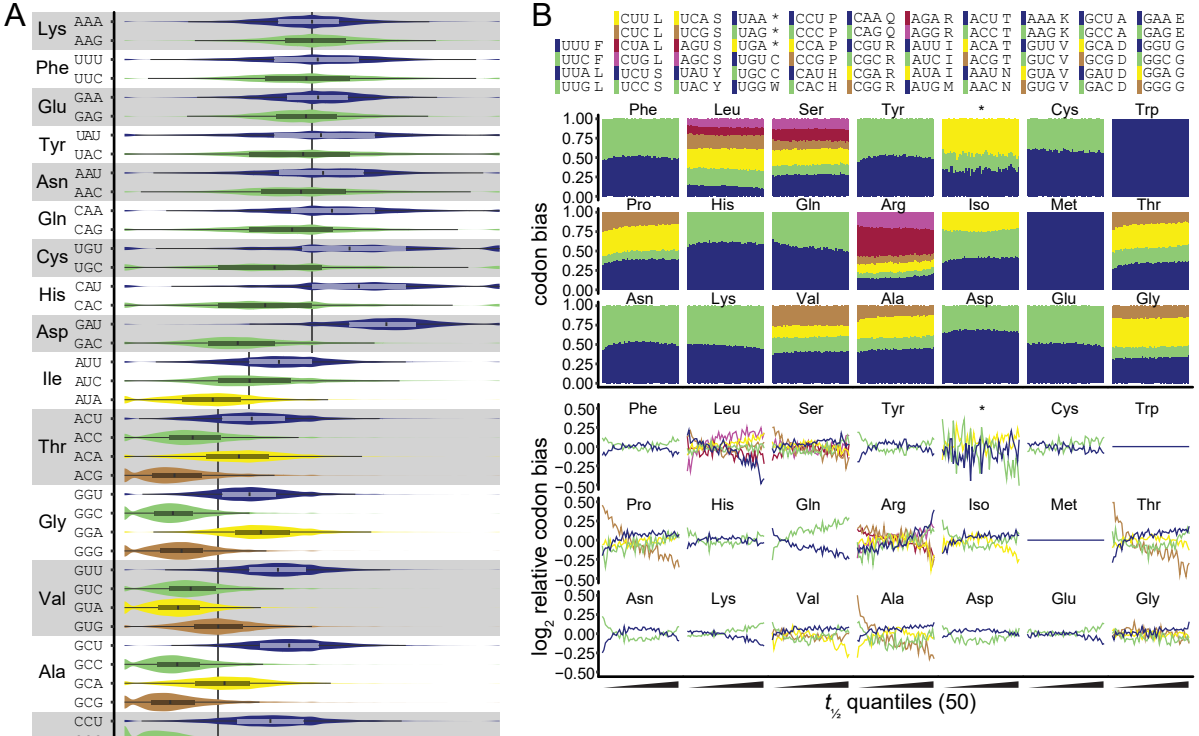
A
Lys
AAA
AAG
Phe
UUU
UUC
Glu
GAA
GAG
Tyr
UAU
UAC
Asn
AAU
AAC
Gln
CAA
CAG
Cys
UGU
UGC
His
CAU
CAC
Asp
GAU
GAC
Ile
AUU
AUC
AUA
Thr
ACU
ACC
ACA
ACG
Gly
GGU
GGC
GGA
GGG
Val
GUU
GUC
GUA
GUG
Ala
GCU
GCC
GCA
GCG
Pro
CCU
CCC
CCA
CCG
Leu
UUA
UUG
CUU
CUC
CUA
CUG
Ser
UCU
UCC
UCA
UCG
AGU
AGC
Arg
CGU
CGC
CGA
CGG
AGA
AGG
0
0.25
0.50
0.75
1
codon bias of seedling RNAs
B
UUU F
UUC F
UUA L
UUG L
CUU L
CUC L
CUA L
CUG L
UCU S
UCC S
UCA S
UCG S
AGU S
AGC S
UAU Y
UAC Y
UAA *
UAG *
UGA *
UGU C
UGC C
UGG W
CCU P
CCC P
CCA P
CCG P
CAU H
CAC H
CAA Q
CAG Q
CGU R
CGC R
CGA R
CGG R
AGA R
AGG R
AUU I
AUC I
AUA I
AUG M
ACU T
ACC T
ACA T
ACG T
AAU N
AAC N
AAA K
AAG K
GUU V
GUC V
GUA V
GUG V
GCU A
GCC A
GCA D
GCG D
GAU D
GAC D
GAA E
GAG E
GGU G
GGC G
GGA G
GGG G
codon bias
Phe
Leu
Ser
Tyr
*
Cys
Trp
Pro
His
Gln
Arg
Iso
Met
Thr
Asn
Lys
Val
Ala
Asp
Glu
Gly
log2 relative codon bias
t½ quantiles (50)