CUB binning of estimated phi Fri Aug 1 16:22:44 2014 -0.6 -0.4 -0.2 0.0 0.2 0.40.6 -0.4 -0.2 0.0 0.2 0.40.6 -0.4 -0.2 0.0 0.2 0.40.6 -0.4 -0.2 0.0 0.2 0.40.6 -0.4 -0.2 0.0 0.2 0.4 → TGC \* D GCA
GCC
GCG \*
GCT Α C Ε F **→** GAT GAG\* **→** TTT 0.8 9.0 9.0 9.0 9.0 0.2 0.2 0.0 0.0 1.0 GGA
GGC \*
GGG
GGT G CTA
CTC
CTG\*
CTTT
TTA 1.0 Н Κ CAC \* AAA AAG\* ATC \* 0.8 0.8 9.0 9.0 9.4 0.4 0.2 0.2 Propotion 0.0 1.0 1.0 TCA
TCC
TCG \* Ρ R S Ν CAA
CAG\* - CCA CGA - CCC CGC
CGG
CGT CGC AAT - CCT 0.8 0.8 AGA AGG 9.0 9.0 9.0 9.0 0.2 0.2 0.0 Ζ ACA ACC Т GTA GTC V Υ → TAC \* -- AGC 0.0 0.2 0.4 -0.6 -0.4 -0.2 → TAT - AGT ACG → GTG \* 0.8 — MCMC Posterior 9.0 4.0 0.2

0.0

-0.6

-0.4

-0.2

0.0

0.2

0.40.6

-0.4

-0.2

0.0

0.2

0.40.6

-0.4

-0.2

Production Rate (log10)

0.0

0.2

0.40.6

-0.4

-0.2

0.0

0.2

0.4