General function prediction only
Function unknown
Signal transduction mechanisms
Intracellular trafficking & secretion
Defense mechanisms

Genes with Nsy SNPs
Total numbers of $BtE264$ genes in COG

* $P < 0.05$
** $P < 0.01$

Percent base coverage of the reference genome $BtE264$

Coverage

0    10    20    30    40    50
0 100 90 80 70 60 50

RNA processing & modification
Chromatin structure & dynamics
Energy production & conversion
Cell cycle control
Amino acid transport & metabolism
Nucleotide transport & metabolism
Carbohydrate transport & metabolism
Coenzyme transport & metabolism
Lipid transport & metabolism
Translation
Transcription
Replication, recombination & repair
Cell wall/ membrane biogenesis
Cell motility
Posttranslational modification, chaperons
Inorganic ion transport & metabolism
Secondary metabolites transport & metabolism
General function prediction only
Function unknown
Signal transduction mechanisms
Intracellular trafficking & secretion
Defense mechanisms

(a) Percent base coverage of the reference genome $BtE264$

(b) Percent fraction of genes

(c) Coverage

(d) Coverage

$BtE264$ Chr 1 (bp)

$BtE264$ Chr 2 (bp)

Contig 19

$BtE264$

1.49Mb 1.50Mb 1.51Mb

$BtE264$

1321 1.49Mb 1.50Mb 1.51Mb 1344

$BtE264$

$BtEPS$

$Bp-like CPS$

Contig 19

$BtE555$