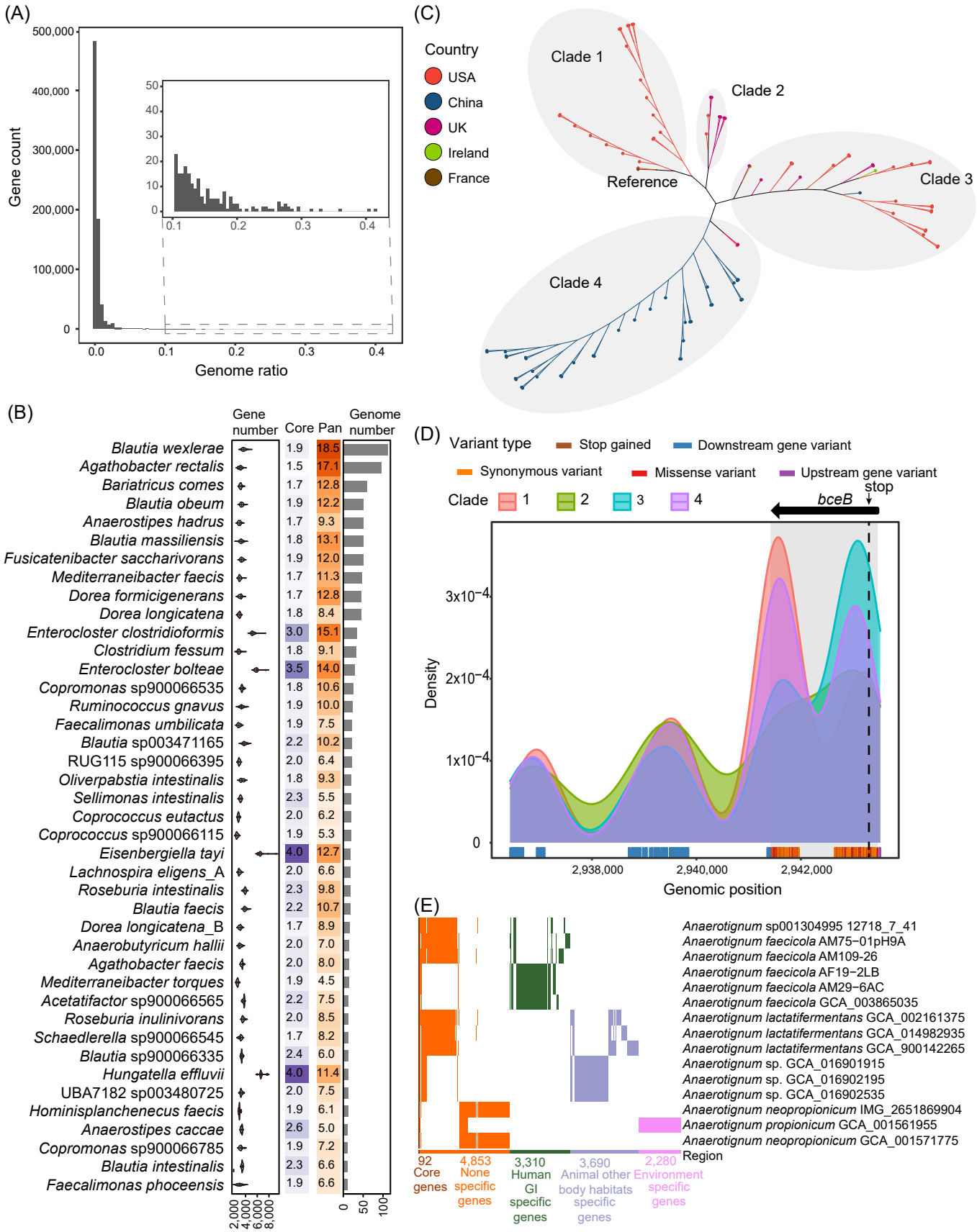
(A)
Gene count
Genome ratio
(B)
Gene number
Core
Pan
Genome number
Blautia wexlerae 1.9 18.5
Agathobacter rectalis 1.5 17.1
Bariatricus comes 1.7 12.8
Blautia obeum 1.9 12.2
Anaerostipes hadrus 1.7 9.3
Blautia massiliensis 1.8 13.1
Fusicatenibacter saccharivorans 1.9 12.0
Mediterraneibacter faecis 1.7 11.3
Dorea formicigenerans 1.7 12.8
Dorea longicatena 1.8 8.4
Enterocloster clostridioformis 3.0 15.1
Clostridium fessum 1.8 9.1
Enterocloster bolteae 3.5 14.0
Copromonas sp900066535 1.8 10.6
Ruminococcus gnavus 1.9 10.0
Faecalimonas umbilicata 1.9 7.5
Blautia sp003471165 2.2 10.2
RUG115 sp900066395 2.0 6.4
Oliverpabstia intestinalis 1.8 9.3
Sellimonas intestinalis 2.3 5.5
Coprococcus eutactus 2.0 6.2
Coprococcus sp900066115 1.9 5.3
Eisenbergiella tayi 4.0 12.7
Lachnospira eligens_A 2.0 6.6
Roseburia intestinalis 2.3 9.8
Blautia faecis 2.2 10.7
Dorea longicatena_B 1.7 8.9
Anaerobutyricum hallii 2.0 7.0
Agathobacter faecis 2.0 8.0
Mediterraneibacter torques 1.9 4.5
Acetatifactor sp900066565 2.2 7.5
Roseburia inulinivorans 2.0 8.5
Schaedlerella sp900066545 1.7 8.2
Blautia sp900066335 2.4 6.0
Hungatella effluvii 4.0 11.4
UBA7182 sp003480725 2.0 7.5
Hominisplanchenecus faecis 1.9 6.1
Anaerostipes caccae 2.6 5.0
Copromonas sp900066785 1.9 7.2
Blautia intestinalis 2.3 6.6
Faecalimonas phoceensis 1.9 6.6
(C)
Country
USA
China
UK
Ireland
France
Clade 1
Clade 2
Clade 3
Clade 4
Reference
(D)
Variant type
Stop gained
Downstream gene variant
Synonymous variant
Missense variant
Upstream gene variant
Clade 1 2 3 4
bceB
stop
Density
Genomic position
(E)
Anaerotignum sp001304995 12718_7_41
Anaerotignum faecicola AM75−01pH9A
Anaerotignum faecicola AM109-26
Anaerotignum faecicola AF19−2LB
Anaerotignum faecicola AM29−6AC
Anaerotignum faecicola GCA_003865035
Anaerotignum lactatifermentans GCA_002161375
Anaerotignum lactatifermentans GCA_014982935
Anaerotignum lactatifermentans GCA_900142265
Anaerotignum sp. GCA_016901915
Anaerotignum sp. GCA_016902195
Anaerotignum sp. GCA_016902535
Anaerotignum neopropionicum IMG_2651869904
Anaerotignum propionicum GCA_001561955
Anaerotignum neopropionicum GCA_001571775
Region
92 Core genes
4,853 None specific genes
3,310 Human GI specific genes
3,690 Animal other body habitats specific genes
2,280 Environment specific genes