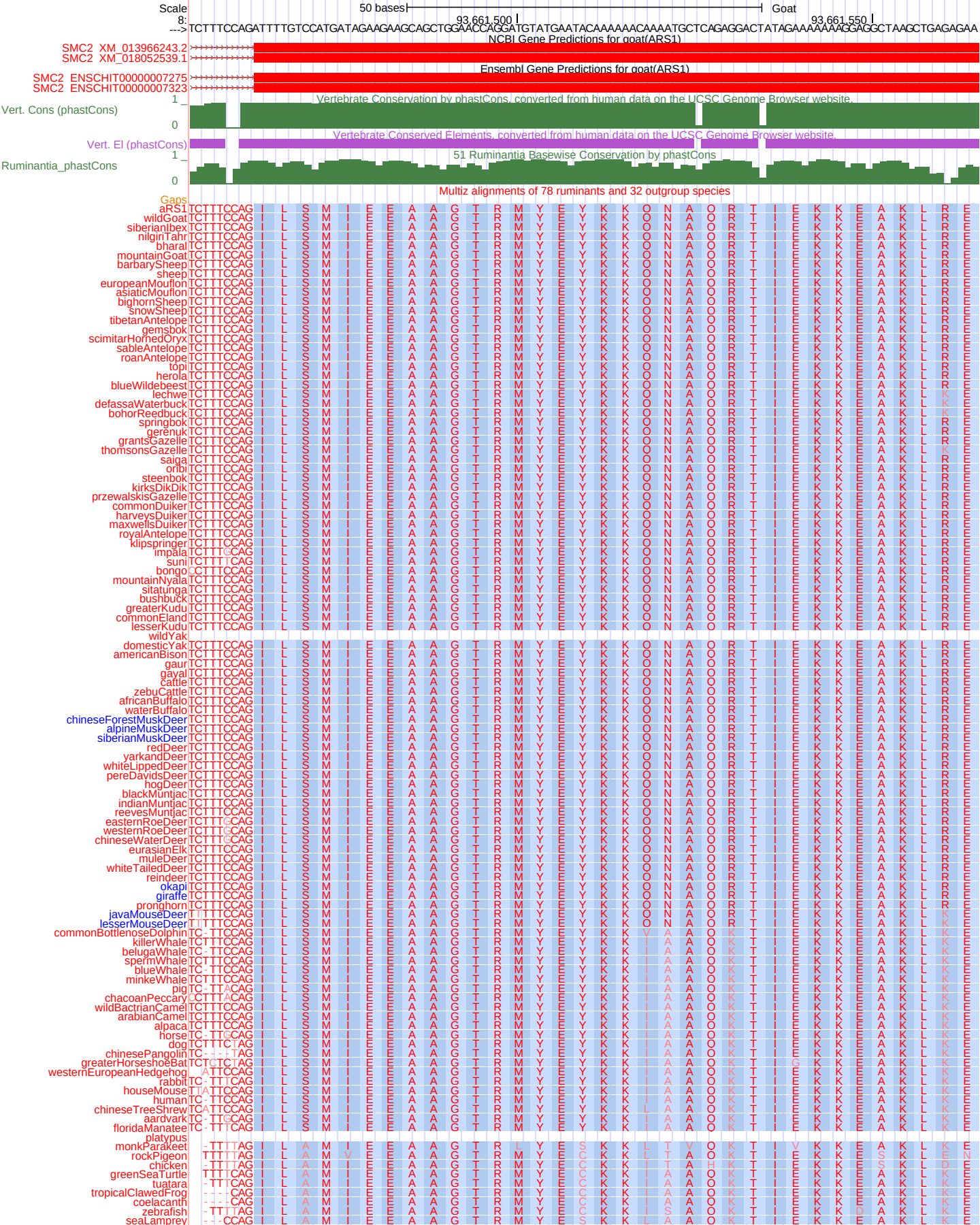
Scale
8:
50 bases
Goat
93,661,500
93,661,550
--->TCTTTCCAGATTTTGTCCATGATAGAAGAAGCAGCTGGAACCAGGATGTATGAATACAAAAAACAAAATGCTCAGAGGACTATAGAAAAAAAGGAGGCTAAGCTGAGAGAA
NCBI Gene Predictions for goat(ARS1)
SMC2 XM_013966243.2
SMC2 XM_018052539.1
Ensembl Gene Predictions for goat(ARS1)
SMC2 ENSCHIT00000007275
SMC2 ENSCHIT00000007323
Vertebrate Conservation by phastCons, converted from human data on the UCSC Genome Browser website.
Vert. Cons (phastCons)
Vertebrate Conserved Elements, converted from human data on the UCSC Genome Browser website.
Vert. El (phastCons)
51 Ruminantia Basewise Conservation by phastCons
Ruminantia_phastCons
Multiz alignments of 78 ruminants and 32 outgroup species
Gaps
aRS1
wildGoat
siberianIbex
nilgiriTahr
bharal
mountainGoat
barbarySheep
sheep
europeanMouflon
asiaticMouflon
bighornSheep
snowSheep
tibetanAntelope
gemsbok
scimitarHornedOryx
sableAntelope
roanAntelope
topi
herola
blueWildebeest
lechwe
defassaWaterbuck
bohorReedbuck
springbok
gerenuk
grantsGazelle
thomsonsGazelle
saiga
oribi
steenbok
kirksDikDik
przewalskisGazelle
commonDuiker
harveysDuiker
maxwellsDuiker
royalAntelope
klipspringer
impala
suni
bongo
mountainNyala
situtunga
bushbuck
greaterKudu
commonEland
lesserKudu
wildYak
domesticYak
americanBison
gaur
gayal
cattle
zebuCattle
africanBuffalo
waterBuffalo
chineseForestMuskDeer
alpineMuskDeer
siberianMuskDeer
redDeer
yarkandDeer
whiteLippedDeer
pereDavidsDeer
hogDeer
blackMuntjac
indianMuntjac
reevesMuntjac
easternRoeDeer
westernRoeDeer
chineseWaterDeer
eurasianElk
muleDeer
whiteTailedDeer
reindeer
okapi
giraffe
pronghorn
javaMouseDeer
lesserMouseDeer
commonBottlenoseDolphin
killerWhale
belugaWhale
spermWhale
blueWhale
minkeWhale
pig
chacoanPeccary
wildBactrianCamel
arabianCamel
alpaca
horse
dog
chinesePangolin
greaterHorseshoeBat
westernEuropeanHedgehog
rabbit
houseMouse
human
chineseTreeShrew
aardvark
floridaManatee
platypus
monkParakeet
rockPigeon
chicken
greenSeaTurtle
tuatara
tropicalClawedFrog
coelacanth
zebrafish
seaLamprey