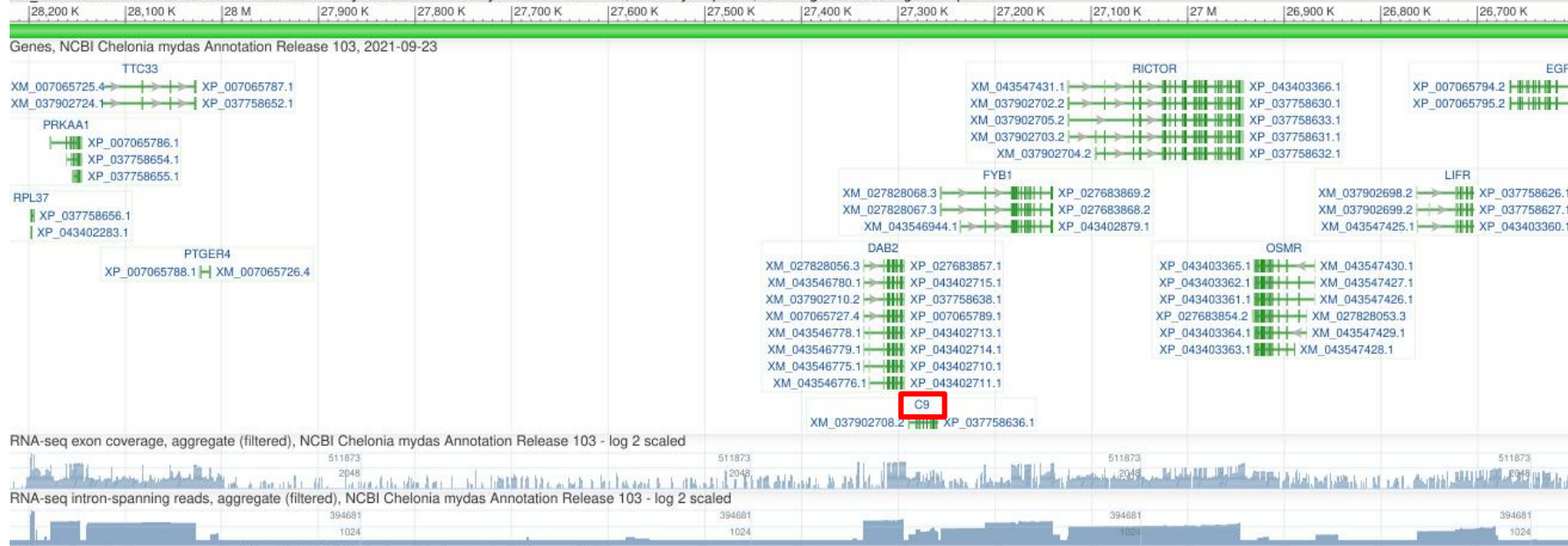


# **C9 Synteny in Testudines**

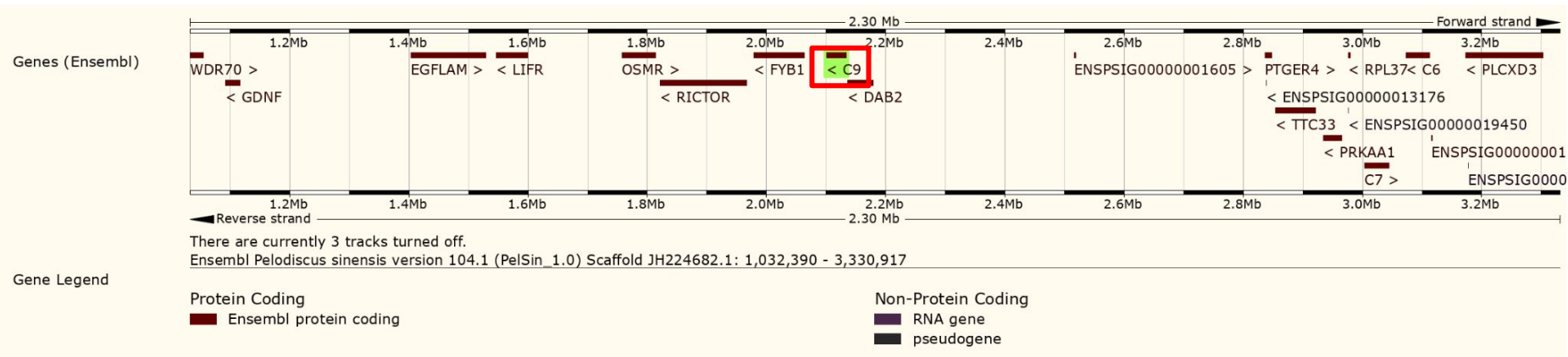
# Green sea turtle

NC\_051245.2:26604298..28219975 Chelonia mydas isolate rCheMyd1 chromosome 5, rCheMyd1.pri.v2, whole genome shotgun sequence

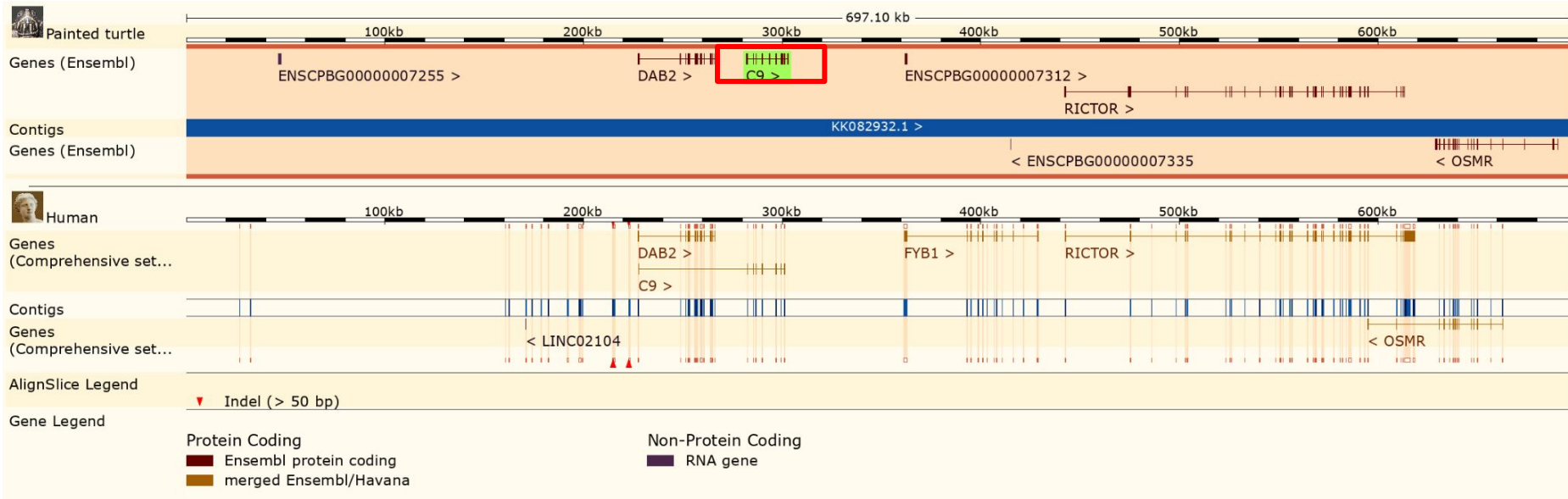


# Chinese Softshell Turtle

scaffold JH224682.1

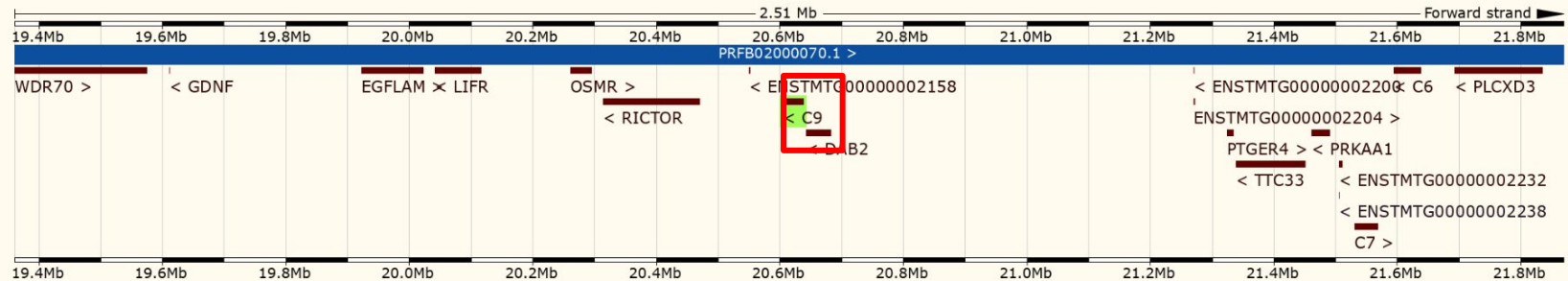


# Painted Turtle

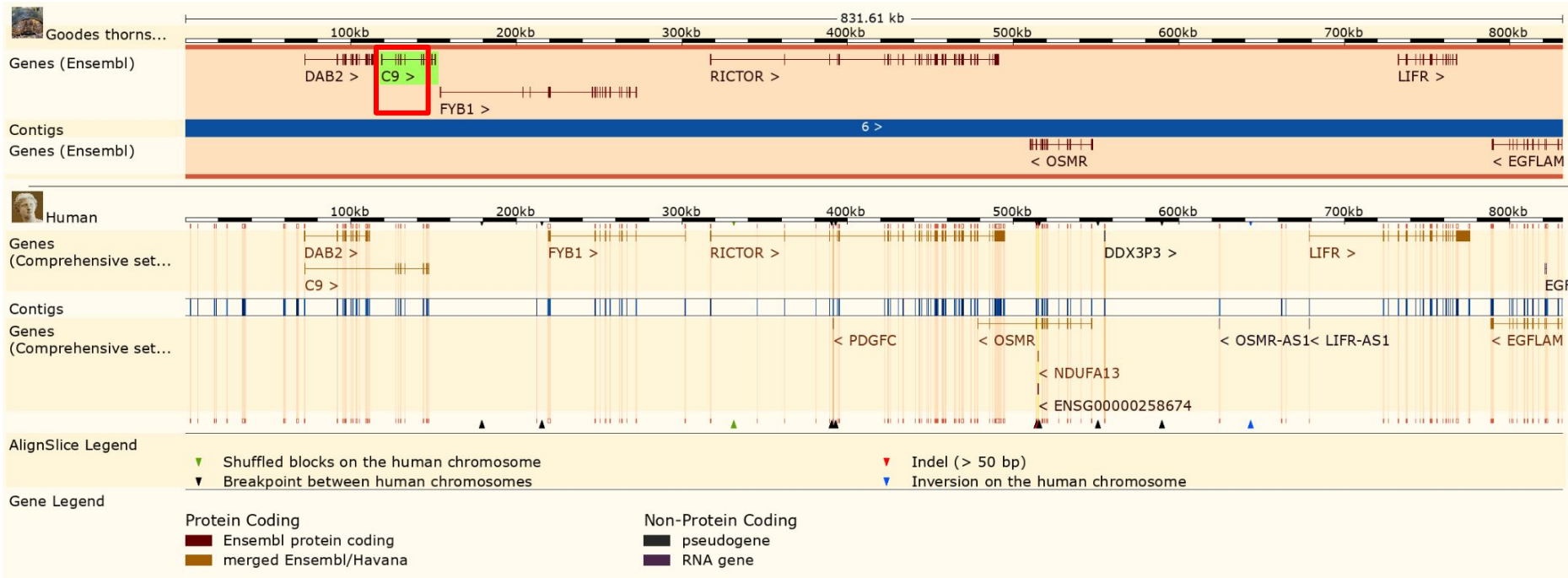


# Three toed box turtle

primary\_assembly P...



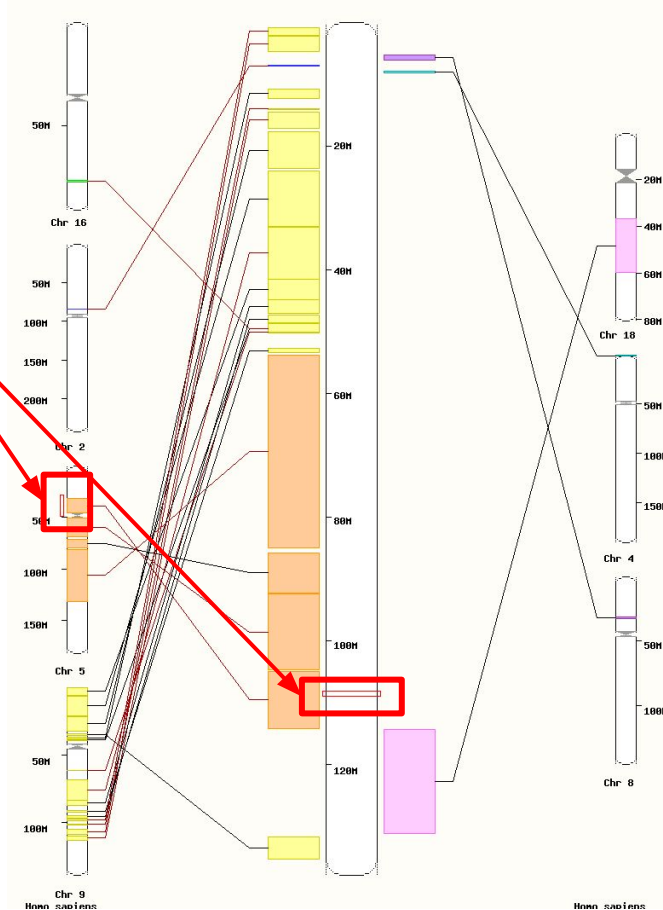
# Goodes Thornscrub Tortoise



# Goodes Thornscrub Tortoise Chromosome 6

Regions of C9  
gene

Human chromosome 5



# Leatherback sea turtle

NC\_050072.1:27877488..29435869 Dermochelys coriacea isolate rDerCor1 chromosome 5, rDerCor1.pri.v3, whole genome shotgun sequence



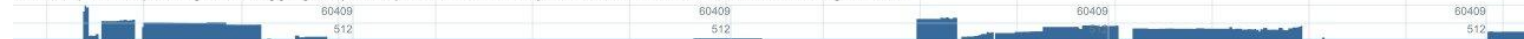
Genes, NCBI Dermochelys coriacea Annotation Release 100, 2020-12-28



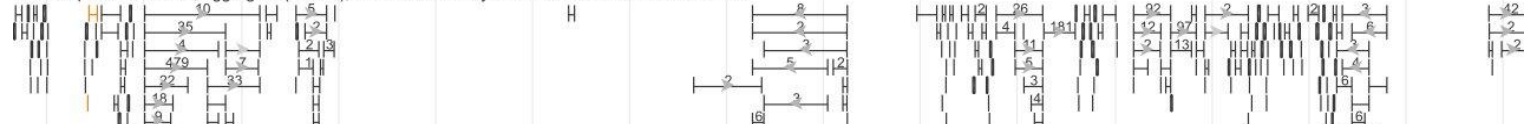
RNA-seq exon coverage, aggregate (filtered), NCBI Dermochelys coriacea Annotation Release 100 - log 2 scaled



RNA-seq intron-spanning reads, aggregate (filtered), NCBI Dermochelys coriacea Annotation Release 100 - log 2 scaled



RNA-seq intron features, aggregate (filtered), NCBI Dermochelys coriacea Annotation Release 100



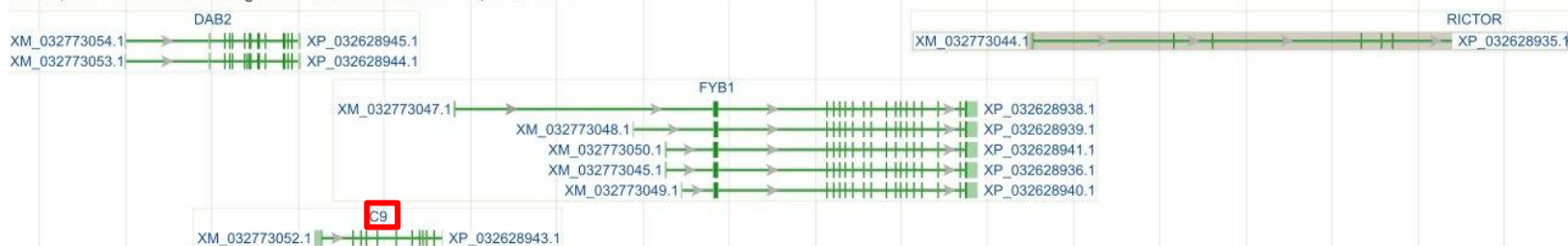


# Abingdon island giant tortoise

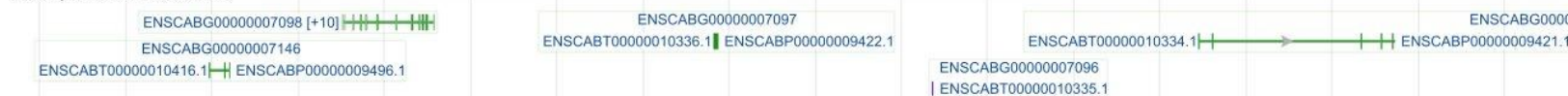
NW\_022641312.1:185047..547401 *Chelonoidis abingdonii* isolate Lonesome George unplaced genomic scaffold, ASM359739v1 Contig1250, whole genome shotgun sequence



Genes, NCBI Chelonoidis abingdonii Annotation Release 100, 2020-03-13



Genes, Ensembl release 104



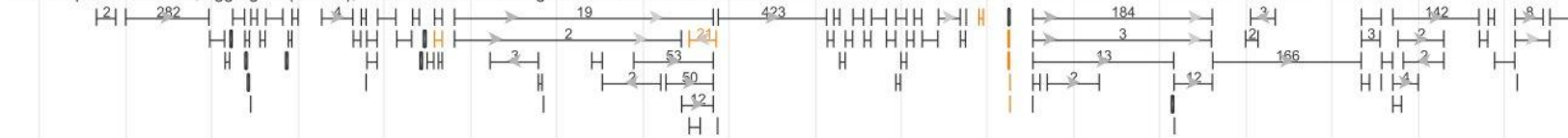
RNA-seq exon coverage, aggregate (filtered), NCBI Chelonoidis abingdonii Annotation Release 100 - log 2 scaled



RNA-seq intron-spanning reads, aggregate (filtered), NCBI *Chelonoidis abingdonii* Annotation Release 100 - log 2 scaled



RNA-seq intron features, aggregate (filtered), NCBI Chelonoidis abingdonii Annotation Release 100



# Chinese pond turtle

NC\_052628.1:25773342..27364789 Mauremys reevesii isolate NIE-2019 linkage group 6, ASM1616193v1, whole genome shotgun sequence

