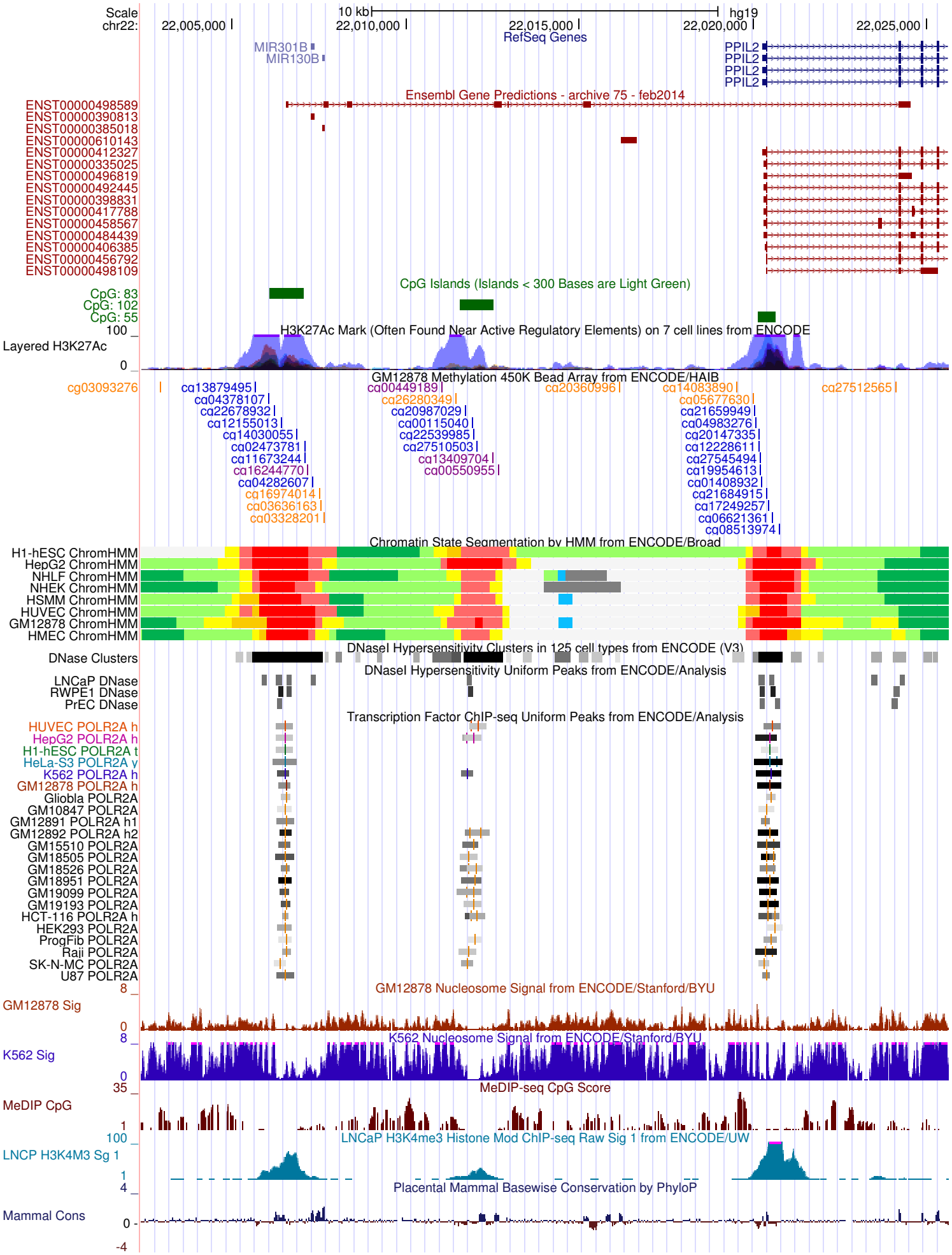
Scale
chr22:
10 kb
hg19
22,005,000
22,010,000
22,015,000
22,020,000
22,025,000
RefSeq Genes
MIR301B
MIR130B
PPIL2
PPIL2
PPIL2
PPIL2
Ensembl Gene Predictions - archive 75 - feb2014
ENST00000498589
ENST00000390813
ENST00000385018
ENST00000610143
ENST00000412327
ENST00000335025
ENST00000496819
ENST00000492445
ENST00000398831
ENST00000417788
ENST00000458567
ENST00000484439
ENST00000406385
ENST00000456792
ENST00000498109
CpG Islands (Islands < 300 Bases are Light Green)
CpG: 83
CpG: 102
CpG: 55
H3K27Ac Mark (Often Found Near Active Regulatory Elements) on 7 cell lines from ENCODE
Layered H3K27Ac
100
0
GM12878 Methylation 450K Bead Array from ENCODE/HAIB
cg03093276
cg13879495
cg04378107
cg22678932
cg12155013
cg14030055
cg02473781
cg11673244
cg16244770
cg04282607
cg16974014
cg03636163
cg03328201
cg00449189
cg26280349
cg20987029
cg00115040
cg22539985
cg27510503
cg13409704
cg00550955
cg20360996
cg14083890
cg05677630
cg21659949
cg04983276
cg20147335
cg12228611
cg27545494
cg19954613
cg01408932
cg21684915
cg17249257
cg06621361
cg08513974
cg27512565
Chromatin State Segmentation by HMM from ENCODE/Broad
H1-hESC ChromHMM
HepG2 ChromHMM
NHLF ChromHMM
NHEK ChromHMM
HSMM ChromHMM
HUVEC ChromHMM
GM12878 ChromHMM
HMEC ChromHMM
DNaseI Hypersensitivity Clusters in 125 cell types from ENCODE (V3)
DNase Clusters
DNaseI Hypersensitivity Uniform Peaks from ENCODE/Analysis
LNCaP DNase
RWPE1 DNase
PrEC DNase
Transcription Factor ChIP-seq Uniform Peaks from ENCODE/Analysis
HUVEC POLR2A h
HepG2 POLR2A h
H1-hESC POLR2A t
HeLa-S3 POLR2A y
K562 POLR2A h
GM12878 POLR2A h
Gliobla POLR2A
GM10847 POLR2A
GM12891 POLR2A h1
GM12892 POLR2A h2
GM15510 POLR2A
GM18505 POLR2A
GM18526 POLR2A
GM18951 POLR2A
GM19099 POLR2A
GM19193 POLR2A
HCT-116 POLR2A h
HEK293 POLR2A
ProgFib POLR2A
Raji POLR2A
SK-N-MC POLR2A
U87 POLR2A
8
GM12878 Nucleosome Signal from ENCODE/Stanford/BYU
GM12878 Sig
0
8
K562 Nucleosome Signal from ENCODE/Stanford/BYU
K562 Sig
0
35
MeDIP-seq CpG Score
MeDIP CpG
1
100
LNCaP H3K4me3 Histone Mod ChIP-seq Raw Sig 1 from ENCODE/UW
LNCP H3K4M3 Sg 1
1
4
Placental Mammal Basewise Conservation by PhyloP
Mammal Cons
0
-4