

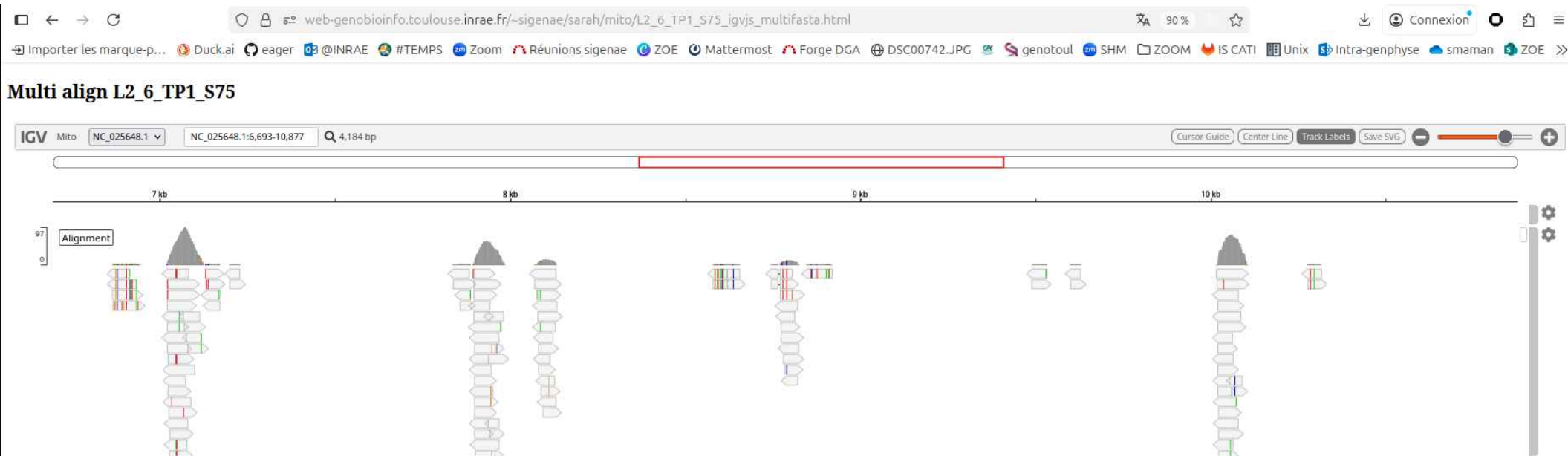
Paleofish Mitochondries

Objectif : Lancement de Eager sur référence majoritaire

CR réunion du 3 novembre

- * Mise à jour du site web.
- * Retours sur le pipeline draw.io
- Sarah :
 - * Remonter au NCBI les caractères windowsiens dans les mitogénomes.
 - * Traiter les échantillons undetermined en retirant les séquences non pairées.
 - * Ajout de graphs résultats dans le README.
 - * IGV sur les séquences consensus not Salmo.
- Prochaine réunion le

Visualisation IGV en ligne du multimapping



Visualisation IGV en ligne du multimapping

Visualisations IGV en ligne pour quelques échantillons:

https://web-genobioinfo.toulouse.inrae.fr/~sigenae/sarah/mito/igvjs_multifasta.html

https://web-genobioinfo.toulouse.inrae.fr/~sigenae/sarah/mito/L2_6_TP1_S75_igvjs_multifasta.html

https://web-genobioinfo.toulouse.inrae.fr/~sigenae/sarah/mito/L5_6_MB8_S31_igvjs_multifasta.html

https://web-genobioinfo.toulouse.inrae.fr/~sigenae/sarah/mito/L9_14_SH1979-4-6843-a_S56_igvjs_multifasta.html

https://web-genobioinfo.toulouse.inrae.fr/~sigenae/sarah/mito/L2_4_CD2_S74_igvjs_multifasta.html

https://web-genobioinfo.toulouse.inrae.fr/~sigenae/sarah/mito/L5_11_MD14_S36_igvjs_multifasta.html

https://web-genobioinfo.toulouse.inrae.fr/~sigenae/sarah/mito/L9_13_SH2000-99-390-b_S55_igvjs_multifasta.html

https://web-genobioinfo.toulouse.inrae.fr/~sigenae/sarah/mito/L9_6_SH1979-4-6843-b_S53_igvjs_multifasta.html

Visualisation IGV en ligne des consensus not Salmo

Pour /work/project/crucial/PALEOFISH/02_eager_notSalmo/**Anguilla bicolor pacifica** :

https://web-genobioinfo.toulouse.inrae.fr/~sigenae/sarah/mito/consensus_not_salmo/Anguilla/igvjs_SCO_1354_Anguilla_bicolor_pacifica.html



Visualisation IGV en ligne des consensus not Salmo

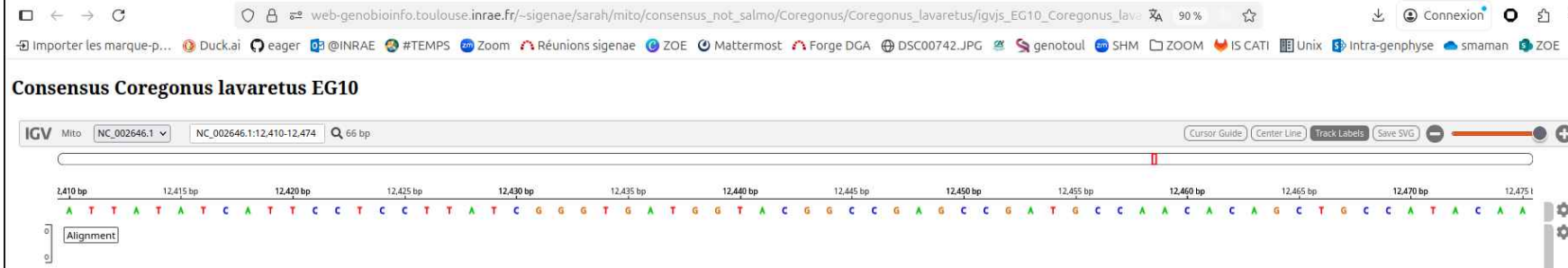
Pour /work/project/crucial/PALEOFISH/02_eager_notSalmo/**Brachymystax lenox tsinlingensis** :
https://web-genobioinfo.toulouse.inrae.fr/~sigenae/sarah/mito/consensus_not_salmo/Brachymystax_lenox_tsinlingensis/igvjs_CD2_Brachymystax_lenox_tsinlingensis.html



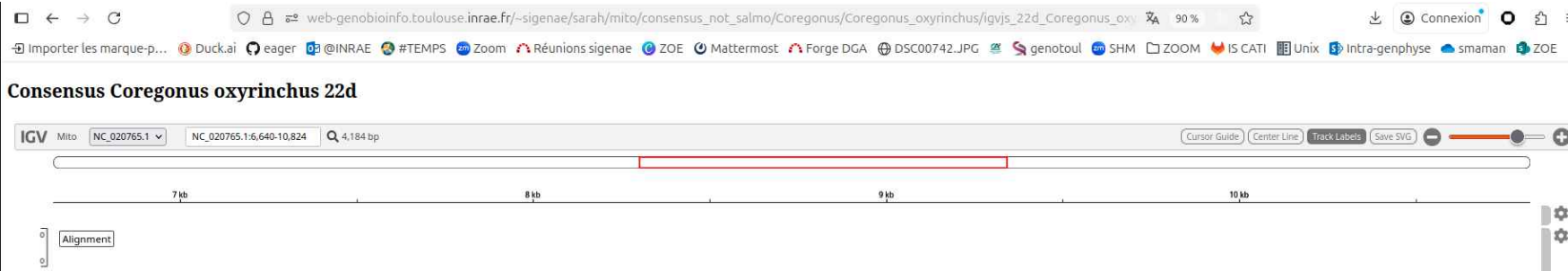
Visualisation IGV en ligne des consensus not Salmo

Pour /work/project/crucial/PALEOFISH/02_eager_notSalmo/**Coregonus/Coregonus lavaretus** :

https://web-genobioinfo.toulouse.inrae.fr/~sigenae/sarah/mito/consensus_not_salmo/Coregonus/Coregonus_lavaretus/igvjs_EG10_Coregonus_lavaretus.html



https://web-genobioinfo.toulouse.inrae.fr/~sigenae/sarah/mito/consensus_not_salmo/Coregonus/Coregonus_oxyrinchus/igvjs_22d_Coregonus_oxyrinchus.html



Visualisation IGV en ligne des consensus not Salmo

Pour /work/project/crucial/PALEOFISH/02_eager_notSalmo/Thymallus_ligericus :

https://web-genobioinfo.toulouse.inrae.fr/~sigenae/sarah/mito/consensus_not_salmo/Thymallus_ligericus/igvjs_EG9_Thymallus_ligericus.html



Visualisation consensus mpileup

```
smaman@genobioinfo1 /work/project/crucial/PALEOFISH/Sarah/1-pipeline_fastpDefault_bwa/CONSENSUS/consensus $ ls *fa
L0_1_EG4_S81_cns.fa      L10_5_BC9_S62_cns.fa      L2_7_TP2_S76_cns.fa      L4_13_MB5_S23_cns.fa      L5_13_BC11_S38_cns.fa      L6_4_SH1979-4-6843-c_S42_cns.fa
L0_2_EG5_S82_cns.fa      L11_1_SCO_98_S66_cns.fa    L2_8_BC1_S77_cns.fa      L4_14_SM2_S24_cns.fa      L5_14_BC12_S39_cns.fa      L6_5_SH1979-4-6843-d_S43_cns.fa
L0_3_EG6_S83_cns.fa      L11_2_SCO_81_S67_cns.fa    L3_10_MB13_S5_cns.fa     L4_15_BC10_S25_cns.fa     L5_15_BC13_S40_cns.fa      L6_6_SH2001-106_11-b_S44_cns.fa
L0_4_EG9_S84_cns.fa      L11_3_SCO_114_S68_cns.fa   L3_11_MB18_S6_cns.fa     L4_1_MB14_S11_cns.fa      L5_1_MD15_S26_cns.fa       L6_8_SH2000-99-394-e_S45_cns.fa
L0_5_EG10_S85_cns.fa     L11_6_SCO_116_S69_cns.fa   L3_12_MB6_S7_cns.fa      L4_2_MD13_S12_cns.fa      L5_2_MD7_S27_cns.fa        L7_14_22d_S48_cns.fa
L0_6_EG13_S86_cns.fa     L11_7_SCO_1354_S70_cns.fa  L3_13_MB11_S8_cns.fa     L4_3_MB16_S13_cns.fa      L5_3_MD8_S28_cns.fa        L8_15_HTMK99-XXII-0-4287_S49_cns.fa
L0_7_OLG1_S87_cns.fa     L2_10_MPHB2_S78_cns.fa     L3_14_MB10_S9_cns.fa     L4_4_MB9_S14_cns.fa       L5_4_MD4_S29_cns.fa        L9_1_26-52_S50_cns.fa
L0_8_SH2_S88_cns.fa      L2_11_MPHB3_S79_cns.fa     L3_15_MB12_S10_cns.fa    L4_5_MD5_S15_cns.fa       L5_5_MD10_S30_cns.fa       L9_13_SH2000-99-390-b_S55_cns.fa
L10_11_SCO_1338_S63_cns.fa L2_12_MPHB4_S80_cns.fa     L3_1_MB15_S1_cns.fa      L4_6_MB2_S16_cns.fa       L5_6_MB8_S31_cns.fa        L9_14_SH1979-4-6843-a_S56_cns.fa
L10_12_SCO_2213_S64_cns.fa L2_1_EG1_S71_cns.fa        L3_5_SM3_S2_cns.fa       L4_7_MB1_S17_cns.fa       L5_7_MD3_S32_cns.fa        L9_15_SH2000-99-390-c_S57_cns.fa
L10_13_SCO_2764_S65_cns.fa L2_2_EG2_S72_cns.fa        L3_6_MB3_S3_cns.fa       L4_8_MB4_S18_cns.fa       L5_8_MD16_S33_cns.fa       L9_2_2777-17_S51_cns.fa
L10_1_BC5_S58_cns.fa     L2_3_EG3_S73_cns.fa        L3_9_MB17_S4_cns.fa      L4_9_MD12_S19_cns.fa      L5_9_MD6_S34_cns.fa        L9_4_SM1_S52_cns.fa
L10_2_BC6_S59_cns.fa     L2_4_CD2_S74_NC_009263_cns.fa L4_10_BC14_S20_cns.fa    L5_10_MD11_S35_cns.fa     L6_11_SH2000-99-394-g_S46_cns.fa L9_6_SH1979-4-6843-b_S53_cns.fa
L10_3_BC7_S60_cns.fa     L2_4_CD2_S74_NC_018341_cns.fa L4_11_MD2_S21_cns.fa     L5_11_MD14_S36_cns.fa     L6_13_SH2000-99-394-f_S47_cns.fa L9_7_SH2000-99-394-c_S54_cns.fa
L10_4_BC8_S61_cns.fa     L2_6_TP1_S75_cns.fa        L4_12_MD1_S22_cns.fa     L5_12_MD9_S37_cns.fa     L6_3_SH1979-4-6843-e_S41_cns.fa
```

Réflexions autour du L11_7

Visualisation consensus mpileup

L11 7 Anguilla

/save/sigenae/public_html/sarah/mito/consensus_mpileup/.

```
smaman@genobioinfo1 /save/sigenae/public_html/sarah/mito/consensus_mpileup $ ls ../consensus_not_salmo
Anguilla Brachymystax_lenox_tsinlingensis Coregonus Thymallus_ligericus
smaman@genobioinfo1 /save/sigenae/public_html/sarah/mito/consensus_mpileup $ ls ../consensus_not_salmo/Anguilla
CM077320.2.fna GCA_039654925.2_AngPac_1_genomic.fna SCO_1354.realign.bai SCO_1354.unifiedgenotyper.vcf.gz
CM077320.2.fna.fai igvjs_SCO_1354_Anguilla_bicolor_pacifica.html SCO_1354.realign.bam
```