



1: Neos5_22 + 43

Note: Tracks are now grouped by subcluster and scaled. Switching in subcluster is indicated by changes in track color. Track scale is now set by default to display the region 30 bp upstream of start 1 to 30 bp downstream of the last possible start. If this default region is judged to be packed too tightly with annotated starts, the track will be further scaled to only show that region of the ORF with annotated starts. This action will be indicated by adding "Zoomed" to the title. For starts, yellow indicates the location of called starts comprised solely of Glimmer/GeneMark auto-annotations, green indicates the location of called starts with at least 1 manual gene annotation.

Pham 85894 Report

This analysis was run 04/28/24 on database version 559.

Pham number 85894 has 44 members, 3 are drafts.

Phages represented in each track:

- Track 1 : Neos5_22, Obutu_22, Heathcliff_22, Rita1961_22, Halfpint_21, Chandler_22, Pipefish_22, MmasiCarm_22, Akoma_22, Yinz_22, Yahalom_22, ChaChing_22, GlenHope_23, RagingRooster_22, Nozo_22, SynergyX_22, Phlyer_22, Phayeta_22, Athena_23, Compostia_23, LestyG_22, Baloo_22, Gervas_22, SlippinJimmy_22, Daisy_22, Briakila_22, HarveySr_22, Philly_21, OrangeOswald_22, Ben11_21, Marley1013_22, Casbah_21, Gadget_23, Morty007_22, Tydolla_22, Deenasa_22, Kronus_21, RomaT_22, Mortcellus_21, Devonte_22, Abinghost_22, Audrey_22, Kamiyu_22, Corofin_22

Summary of Final Annotations (See graph section above for start numbers):

The start number called the most often in the published annotations is 1, it was called in 41 of the 41 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- Abinghost_22, Akoma_22, Athena_23, Audrey_22, Baloo_22, Ben11_21, Briakila_22, Casbah_21, ChaChing_22, Chandler_22, Compostia_23, Corofin_22, Daisy_22, Deenasa_22, Devonte_22, Gadget_23, Gervas_22, GlenHope_23, Halfpint_21, HarveySr_22, Heathcliff_22, Kamiyu_22, Kronus_21, LestyG_22, Marley1013_22, MmasiCarm_22, Mortcellus_21, Morty007_22, Neos5_22, Nozo_22, Obutu_22, OrangeOswald_22, Phayeta_22, Philly_21, Phlyer_22, Pipefish_22, RagingRooster_22, Rita1961_22, RomaT_22, SlippinJimmy_22, SynergyX_22, Tydolla_22, Yahalom_22, Yinz_22,

Genes that have the "Most Annotated" start but do not call it:

-

Genes that do not have the "Most Annotated" start:

-

Summary by start number:

Start 1:

- Found in 44 of 44 (100.0%) of genes in pham

- Manual Annotations of this start: 41 of 41
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Abinghost_22 (B3), Akoma_22 (B3), Athena_23 (B3), Audrey_22 (B3), Baloo_22 (B3), Ben11_21 (B3), Briakila_22 (B3), Casbah_21 (B3), ChaChing_22 (B3), Chandler_22 (B3), Compostia_23 (B3), Corofin_22 (B3), Daisy_22 (B3), Deenasa_22 (B3), Devonte_22 (B3), Gadget_23 (B3), Gervas_22 (B3), GlenHope_23 (B3), Halfpint_21 (B3), HarveySr_22 (B3), Heathcliff_22 (B3), Kamiyu_22 (B3), Kronus_21 (B3), LestyG_22 (B3), Marley1013_22 (B3), MmasiCarm_22 (B3), Mortcellus_21 (B3), Morty007_22 (B3), Neos5_22 (B3), Nozo_22 (B3), Obutu_22 (B3), OrangeOswald_22 (B3), Phayeta_22 (B3), Philly_21 (B3), Phlyer_22 (B3), Pipefish_22 (B3), RagingRooster_22 (B3), Rita1961_22 (B3), RomaT_22 (B3), SlippinJimmy_22 (B3), SynergyX_22 (B3), Tydolla_22 (B3), Yahalom_22 (B3), Yinz_22 (B3),

Summary by clusters:

There is one cluster represented in this pham: B3

Info for manual annotations of cluster B3:

- Start number 1 was manually annotated 41 times for cluster B3.

Gene Information:

Gene: Abinghost_22 Start: 17608, Stop: 17498, Start Num: 1

Candidate Starts for Abinghost_22:

(Start: 1 @17608 has 41 MA's), (2, 17566), (3, 17536),

Gene: Akoma_22 Start: 17606, Stop: 17496, Start Num: 1

Candidate Starts for Akoma_22:

(Start: 1 @17606 has 41 MA's), (2, 17564), (3, 17534),

Gene: Athena_23 Start: 18371, Stop: 18261, Start Num: 1

Candidate Starts for Athena_23:

(Start: 1 @18371 has 41 MA's), (2, 18329), (3, 18299),

Gene: Audrey_22 Start: 17608, Stop: 17498, Start Num: 1

Candidate Starts for Audrey_22:

(Start: 1 @17608 has 41 MA's), (2, 17566), (3, 17536),

Gene: Baloo_22 Start: 17605, Stop: 17495, Start Num: 1

Candidate Starts for Baloo_22:

(Start: 1 @17605 has 41 MA's), (2, 17563), (3, 17533),

Gene: Ben11_21 Start: 17430, Stop: 17320, Start Num: 1

Candidate Starts for Ben11_21:

(Start: 1 @17430 has 41 MA's), (2, 17388), (3, 17358),

Gene: Briakila_22 Start: 18373, Stop: 18263, Start Num: 1

Candidate Starts for Briakila_22:

(Start: 1 @18373 has 41 MA's), (2, 18331), (3, 18301),

Gene: Casbah_21 Start: 17460, Stop: 17350, Start Num: 1
Candidate Starts for Casbah_21:
(Start: 1 @17460 has 41 MA's), (2, 17418), (3, 17388),

Gene: ChaChing_22 Start: 17623, Stop: 17513, Start Num: 1
Candidate Starts for ChaChing_22:
(Start: 1 @17623 has 41 MA's), (2, 17581), (3, 17551),

Gene: Chandler_22 Start: 18382, Stop: 18272, Start Num: 1
Candidate Starts for Chandler_22:
(Start: 1 @18382 has 41 MA's), (2, 18340), (3, 18310),

Gene: Compostia_23 Start: 18041, Stop: 17931, Start Num: 1
Candidate Starts for Compostia_23:
(Start: 1 @18041 has 41 MA's), (2, 17999), (3, 17969),

Gene: Corofin_22 Start: 17633, Stop: 17523, Start Num: 1
Candidate Starts for Corofin_22:
(Start: 1 @17633 has 41 MA's), (2, 17591), (3, 17561),

Gene: Daisy_22 Start: 17629, Stop: 17519, Start Num: 1
Candidate Starts for Daisy_22:
(Start: 1 @17629 has 41 MA's), (2, 17587), (3, 17557),

Gene: Deenasa_22 Start: 18371, Stop: 18261, Start Num: 1
Candidate Starts for Deenasa_22:
(Start: 1 @18371 has 41 MA's), (2, 18329), (3, 18299),

Gene: Devonte_22 Start: 17608, Stop: 17498, Start Num: 1
Candidate Starts for Devonte_22:
(Start: 1 @17608 has 41 MA's), (2, 17566), (3, 17536),

Gene: Gadget_23 Start: 17612, Stop: 17502, Start Num: 1
Candidate Starts for Gadget_23:
(Start: 1 @17612 has 41 MA's), (2, 17570), (3, 17540),

Gene: Gervas_22 Start: 17589, Stop: 17479, Start Num: 1
Candidate Starts for Gervas_22:
(Start: 1 @17589 has 41 MA's), (2, 17547), (3, 17517),

Gene: GlenHope_23 Start: 17598, Stop: 17488, Start Num: 1
Candidate Starts for GlenHope_23:
(Start: 1 @17598 has 41 MA's), (2, 17556), (3, 17526),

Gene: Halfpint_21 Start: 17433, Stop: 17323, Start Num: 1
Candidate Starts for Halfpint_21:
(Start: 1 @17433 has 41 MA's), (2, 17391), (3, 17361),

Gene: HarveySr_22 Start: 17585, Stop: 17475, Start Num: 1
Candidate Starts for HarveySr_22:
(Start: 1 @17585 has 41 MA's), (2, 17543), (3, 17513),

Gene: Heathcliff_22 Start: 17570, Stop: 17460, Start Num: 1

Candidate Starts for Heathcliff_22:

(Start: 1 @17570 has 41 MA's), (2, 17528), (3, 17498),

Gene: Kamiyu_22 Start: 17577, Stop: 17467, Start Num: 1

Candidate Starts for Kamiyu_22:

(Start: 1 @17577 has 41 MA's), (2, 17535), (3, 17505),

Gene: Kronus_21 Start: 18191, Stop: 18081, Start Num: 1

Candidate Starts for Kronus_21:

(Start: 1 @18191 has 41 MA's), (2, 18149), (3, 18119),

Gene: LestyG_22 Start: 17612, Stop: 17502, Start Num: 1

Candidate Starts for LestyG_22:

(Start: 1 @17612 has 41 MA's), (2, 17570), (3, 17540),

Gene: Marley1013_22 Start: 18390, Stop: 18280, Start Num: 1

Candidate Starts for Marley1013_22:

(Start: 1 @18390 has 41 MA's), (2, 18348), (3, 18318),

Gene: MmasiCarm_22 Start: 17603, Stop: 17493, Start Num: 1

Candidate Starts for MmasiCarm_22:

(Start: 1 @17603 has 41 MA's), (2, 17561), (3, 17531),

Gene: Mortcellus_21 Start: 18246, Stop: 18136, Start Num: 1

Candidate Starts for Mortcellus_21:

(Start: 1 @18246 has 41 MA's), (2, 18204), (3, 18174),

Gene: Morty007_22 Start: 18390, Stop: 18280, Start Num: 1

Candidate Starts for Morty007_22:

(Start: 1 @18390 has 41 MA's), (2, 18348), (3, 18318),

Gene: Neos5_22 Start: 18400, Stop: 18290, Start Num: 1

Candidate Starts for Neos5_22:

(Start: 1 @18400 has 41 MA's), (2, 18358), (3, 18328),

Gene: Nozo_22 Start: 18370, Stop: 18260, Start Num: 1

Candidate Starts for Nozo_22:

(Start: 1 @18370 has 41 MA's), (2, 18328), (3, 18298),

Gene: Obutu_22 Start: 17603, Stop: 17493, Start Num: 1

Candidate Starts for Obutu_22:

(Start: 1 @17603 has 41 MA's), (2, 17561), (3, 17531),

Gene: OrangeOswald_22 Start: 17608, Stop: 17498, Start Num: 1

Candidate Starts for OrangeOswald_22:

(Start: 1 @17608 has 41 MA's), (2, 17566), (3, 17536),

Gene: Phayeta_22 Start: 17484, Stop: 17374, Start Num: 1

Candidate Starts for Phayeta_22:

(Start: 1 @17484 has 41 MA's), (2, 17442), (3, 17412),

Gene: Philly_21 Start: 17474, Stop: 17364, Start Num: 1

Candidate Starts for Philly_21:

(Start: 1 @17474 has 41 MA's), (2, 17432), (3, 17402),

Gene: Phlyer_22 Start: 18343, Stop: 18233, Start Num: 1

Candidate Starts for Phlyer_22:

(Start: 1 @18343 has 41 MA's), (2, 18301), (3, 18271),

Gene: Pipefish_22 Start: 18490, Stop: 18380, Start Num: 1

Candidate Starts for Pipefish_22:

(Start: 1 @18490 has 41 MA's), (2, 18448), (3, 18418),

Gene: RagingRooster_22 Start: 17609, Stop: 17499, Start Num: 1

Candidate Starts for RagingRooster_22:

(Start: 1 @17609 has 41 MA's), (2, 17567), (3, 17537),

Gene: Rita1961_22 Start: 17604, Stop: 17494, Start Num: 1

Candidate Starts for Rita1961_22:

(Start: 1 @17604 has 41 MA's), (2, 17562), (3, 17532),

Gene: RomaT_22 Start: 18388, Stop: 18278, Start Num: 1

Candidate Starts for RomaT_22:

(Start: 1 @18388 has 41 MA's), (2, 18346), (3, 18316),

Gene: SlippinJimmy_22 Start: 18373, Stop: 18263, Start Num: 1

Candidate Starts for SlippinJimmy_22:

(Start: 1 @18373 has 41 MA's), (2, 18331), (3, 18301),

Gene: SynergyX_22 Start: 17609, Stop: 17499, Start Num: 1

Candidate Starts for SynergyX_22:

(Start: 1 @17609 has 41 MA's), (2, 17567), (3, 17537),

Gene: Tydolla_22 Start: 18346, Stop: 18236, Start Num: 1

Candidate Starts for Tydolla_22:

(Start: 1 @18346 has 41 MA's), (2, 18304), (3, 18274),

Gene: Yahalom_22 Start: 17618, Stop: 17508, Start Num: 1

Candidate Starts for Yahalom_22:

(Start: 1 @17618 has 41 MA's), (2, 17576), (3, 17546),

Gene: Yinz_22 Start: 17647, Stop: 17537, Start Num: 1

Candidate Starts for Yinz_22:

(Start: 1 @17647 has 41 MA's), (2, 17605), (3, 17575),