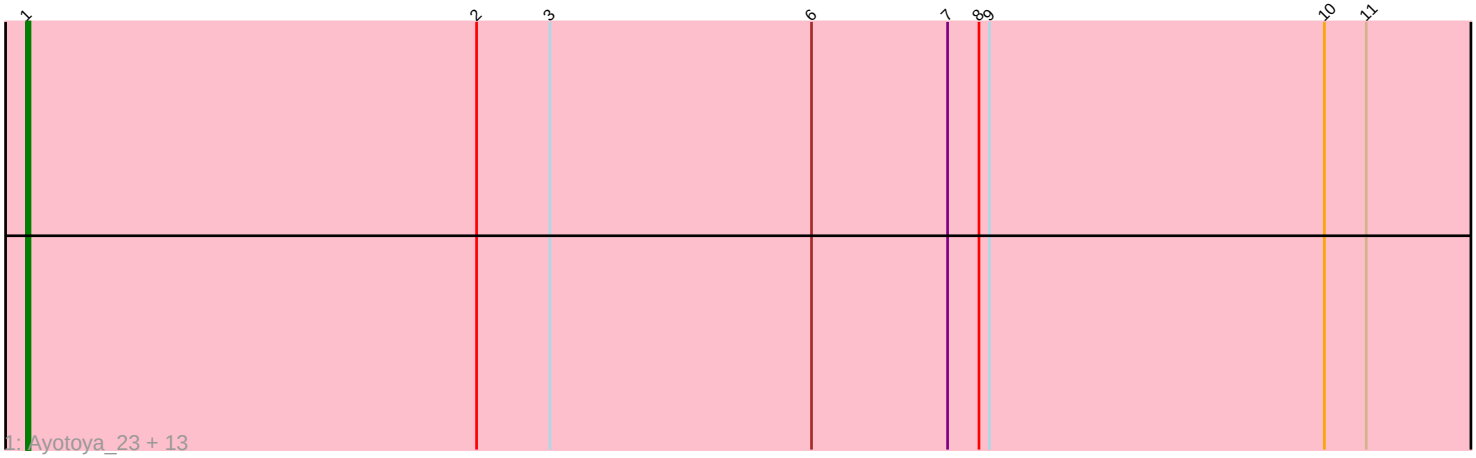
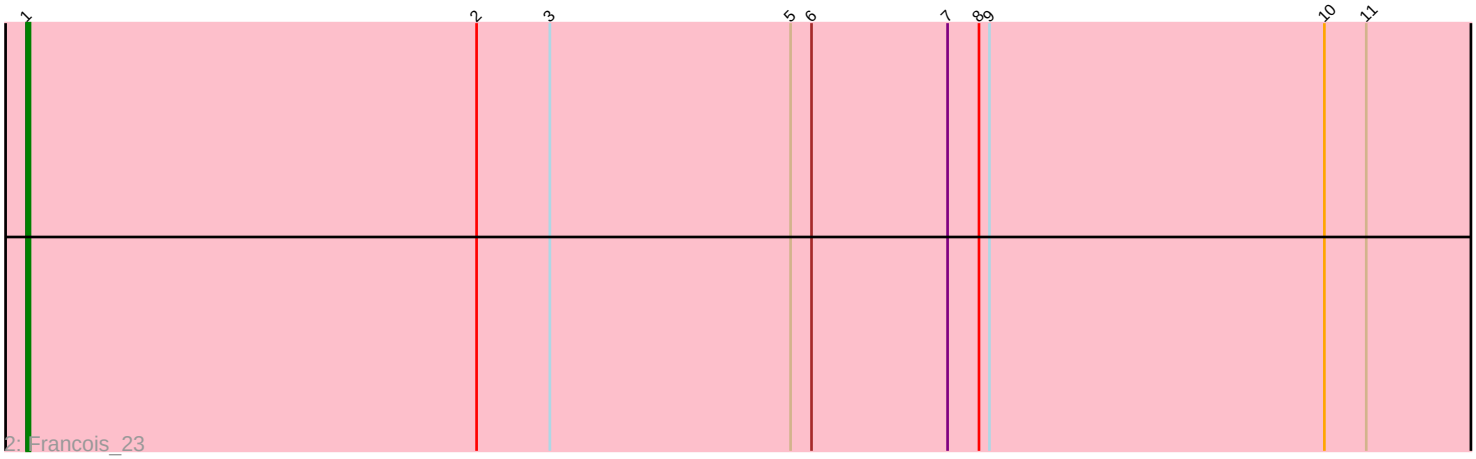
Pham 179467


1
2
3
6
7
8
9
10
11
1: Ayotoya_23 + 13


1
2
3
5
6
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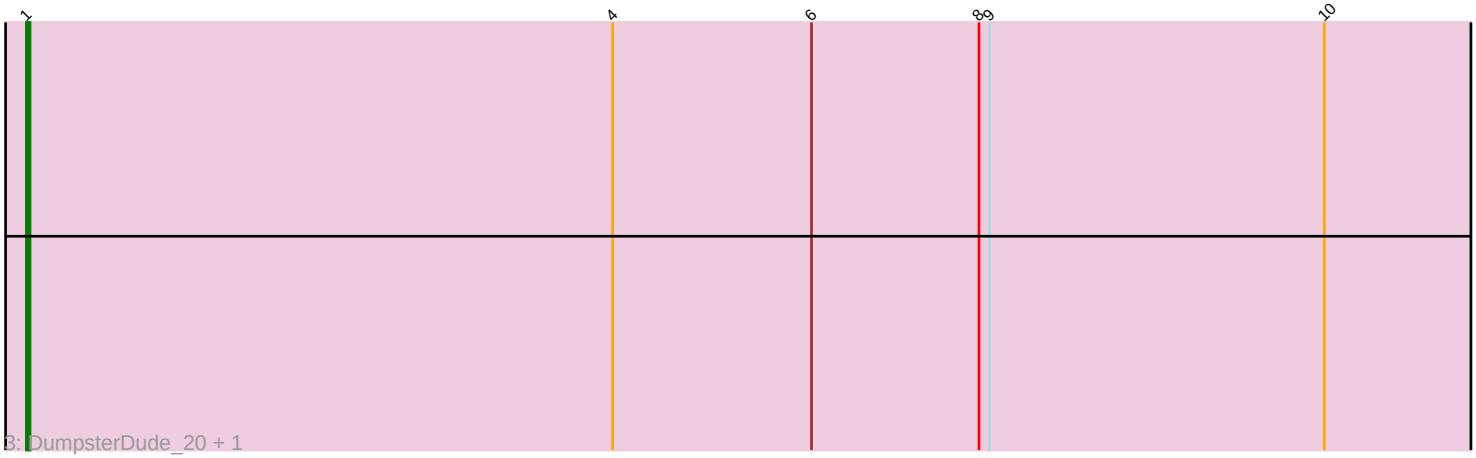
10
11
2: Francois_23


1
4
6
8
9
10
3: DumpsterDude_20 + 1

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 179467 Report

This analysis was run 11/02/24 on database version 579.

Pham number 179467 has 17 members, 0 are drafts.

Phages represented in each track:
• Track 1 : Ayotoya_23, Chop_23, Bock_23, Nadeem_23, WheatThin_23, DelRio_24, Parada_23, Pimento_24, GrandSlam_23, Mulch_23, Hamood_23, BetterKatz_23, NancyRae_23, Brylie_23
• Track 2 : Francois_23
• Track 3 : DumpsterDude_20, Ruthy_20

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 17 of the 17 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Ayotoya_23, BetterKatz_23, Bock_23, Brylie_23, Chop_23, DelRio_24, DumpsterDude_20, Francois_23, GrandSlam_23, Hamood_23, Mulch_23, Nadeem_23, NancyRae_23, Parada_23, Pimento_24, Ruthy_20, WheatThin_23,

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 17 of 17 (100.0%) of genes in pham
• Manual Annotations of this start: 17 of 17
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Ayotoya_23 (DI), BetterKatz_23 (DI), Bock_23 (DI), Brylie_23 (DI), Chop_23 (DI), DelRio_24 (DI), DumpsterDude_20 (DW), Francois_23 (DI), GrandSlam_23 (DI), Hamood_23 (DI), Mulch_23 (DI), Nadeem_23 (DI), NancyRae_23 (DI), Parada_23 (DI), Pimento_24 (DI), Ruthy_20 (DW), WheatThin_23 (DI),

Summary by clusters:

There are 2 clusters represented in this pham: DW, DI,

Info for manual annotations of cluster DI:
•Start number 1 was manually annotated 15 times for cluster DI.

Info for manual annotations of cluster DW:
•Start number 1 was manually annotated 2 times for cluster DW.

Gene Information:

Gene: Ayotoya_23 Start: 19851, Stop: 20291, Start Num: 1
Candidate Starts for Ayotoya_23:
(Start: 1 @19851 has 17 MA's), (2, 19980), (3, 20001), (6, 20076), (7, 20115), (8, 20124), (9, 20127), (10, 20223), (11, 20235),

Gene: BetterKatz_23 Start: 19324, Stop: 19764, Start Num: 1
Candidate Starts for BetterKatz_23:
(Start: 1 @19324 has 17 MA's), (2, 19453), (3, 19474), (6, 19549), (7, 19588), (8, 19597), (9, 19600), (10, 19696), (11, 19708),

Gene: Bock_23 Start: 19074, Stop: 19514, Start Num: 1
Candidate Starts for Bock_23:
(Start: 1 @19074 has 17 MA's), (2, 19203), (3, 19224), (6, 19299), (7, 19338), (8, 19347), (9, 19350), (10, 19446), (11, 19458),

Gene: Brylie_23 Start: 19065, Stop: 19505, Start Num: 1
Candidate Starts for Brylie_23:
(Start: 1 @19065 has 17 MA's), (2, 19194), (3, 19215), (6, 19290), (7, 19329), (8, 19338), (9, 19341), (10, 19437), (11, 19449),

Gene: Chop_23 Start: 19599, Stop: 20039, Start Num: 1
Candidate Starts for Chop_23:
(Start: 1 @19599 has 17 MA's), (2, 19728), (3, 19749), (6, 19824), (7, 19863), (8, 19872), (9, 19875), (10, 19971), (11, 19983),

Gene: DelRio_24 Start: 20073, Stop: 20513, Start Num: 1
Candidate Starts for DelRio_24:
(Start: 1 @20073 has 17 MA's), (2, 20202), (3, 20223), (6, 20298), (7, 20337), (8, 20346), (9, 20349), (10, 20445), (11, 20457),

Gene: DumpsterDude_20 Start: 17926, Stop: 18369, Start Num: 1
Candidate Starts for DumpsterDude_20:
(Start: 1 @17926 has 17 MA's), (4, 18094), (6, 18151), (8, 18199), (9, 18202), (10, 18298),

Gene: Francois_23 Start: 19088, Stop: 19528, Start Num: 1
Candidate Starts for Francois_23:
(Start: 1 @19088 has 17 MA's), (2, 19217), (3, 19238), (5, 19307), (6, 19313), (7, 19352), (8, 19361), (9, 19364), (10, 19460), (11, 19472),

Gene: GrandSlam_23 Start: 19599, Stop: 20039, Start Num: 1
Candidate Starts for GrandSlam_23:
(Start: 1 @19599 has 17 MA's), (2, 19728), (3, 19749), (6, 19824), (7, 19863), (8, 19872), (9, 19875), (10, 19971), (11, 19983),

Gene: Hamood_23 Start: 19599, Stop: 20039, Start Num: 1
Candidate Starts for Hamood_23:
(Start: 1 @19599 has 17 MA's), (2, 19728), (3, 19749), (6, 19824), (7, 19863), (8, 19872), (9, 19875), (10, 19971), (11, 19983),

Gene: Mulch_23 Start: 19065, Stop: 19505, Start Num: 1
Candidate Starts for Mulch_23:
(Start: 1 @19065 has 17 MA's), (2, 19194), (3, 19215), (6, 19290), (7, 19329), (8, 19338), (9, 19341), (10, 19437), (11, 19449),

Gene: Nadeem_23 Start: 19065, Stop: 19505, Start Num: 1
Candidate Starts for Nadeem_23:
(Start: 1 @19065 has 17 MA's), (2, 19194), (3, 19215), (6, 19290), (7, 19329), (8, 19338), (9, 19341), (10, 19437), (11, 19449),

Gene: NancyRae_23 Start: 19071, Stop: 19511, Start Num: 1
Candidate Starts for NancyRae_23:
(Start: 1 @19071 has 17 MA's), (2, 19200), (3, 19221), (6, 19296), (7, 19335), (8, 19344), (9, 19347), (10, 19443), (11, 19455),

Gene: Parada_23 Start: 19065, Stop: 19505, Start Num: 1
Candidate Starts for Parada_23:
(Start: 1 @19065 has 17 MA's), (2, 19194), (3, 19215), (6, 19290), (7, 19329), (8, 19338), (9, 19341), (10, 19437), (11, 19449),

Gene: Pimento_24 Start: 18762, Stop: 19202, Start Num: 1
Candidate Starts for Pimento_24:
(Start: 1 @18762 has 17 MA's), (2, 18891), (3, 18912), (6, 18987), (7, 19026), (8, 19035), (9, 19038), (10, 19134), (11, 19146),

Gene: Ruthy_20 Start: 18039, Stop: 18482, Start Num: 1
Candidate Starts for Ruthy_20:
(Start: 1 @18039 has 17 MA's), (4, 18207), (6, 18264), (8, 18312), (9, 18315), (10, 18411),

Gene: WheatThin_23 Start: 19065, Stop: 19505, Start Num: 1
Candidate Starts for WheatThin_23:
(Start: 1 @19065 has 17 MA's), (2, 19194), (3, 19215), (6, 19290), (7, 19329), (8, 19338), (9, 19341), (10, 19437), (11, 19449),