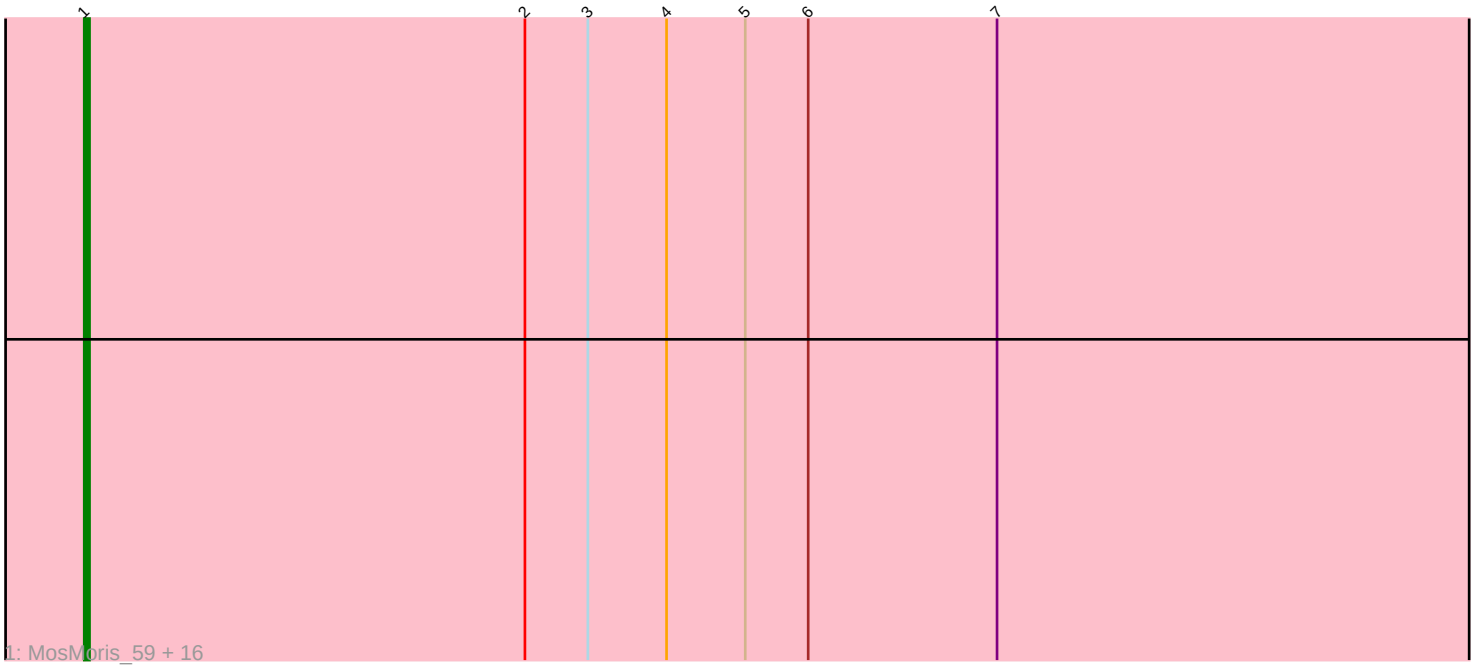
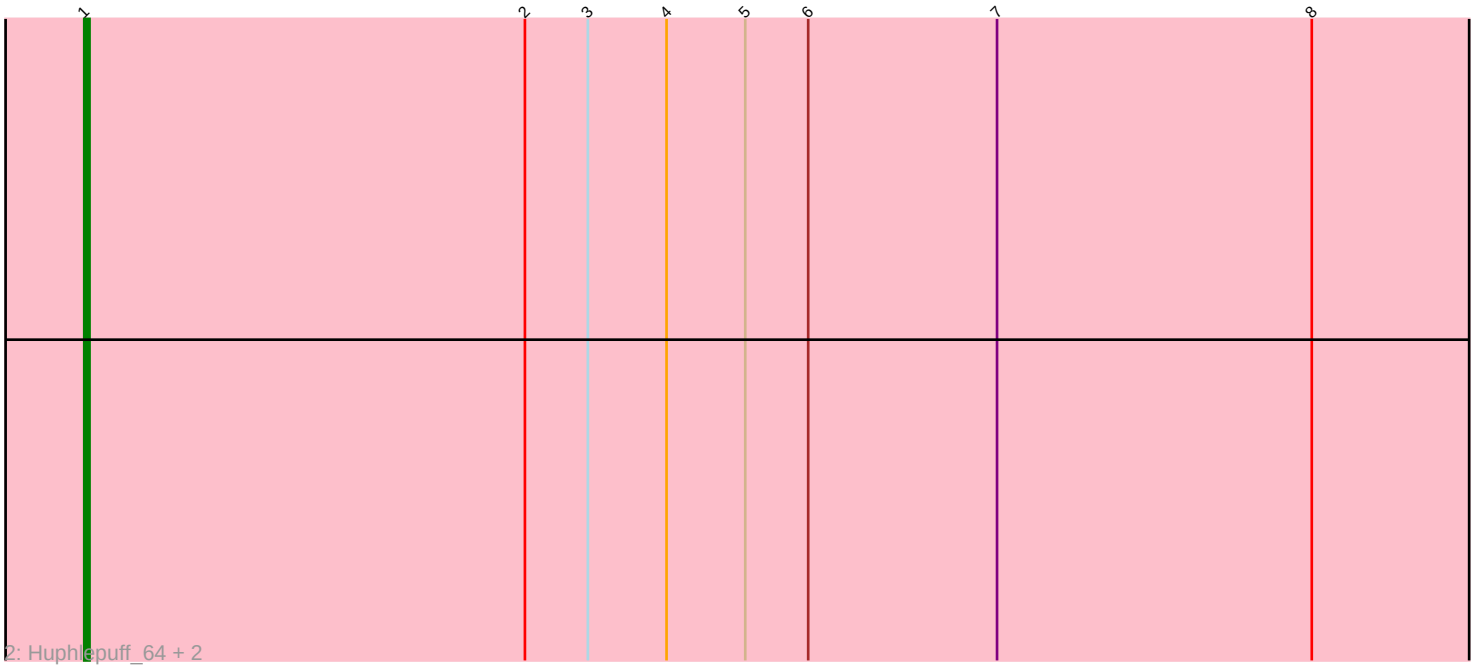
Pham 348055





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 348055 Report

This analysis was run 11/14/26 on database version 672.

Pham number 348055 has 20 members, 0 are drafts.

Phages represented in each track:
• Track 1 : MosMoris_59, VasuNzinga_61, Blackbeetle_62, Corazon_60, Beelzebub_66, Lilbit_60, JoieB_63, Tesla_59, GoongGoong_61, LittleLaf_62, Caprice_61, Gattaca_60, RedRaider77_61, Poise_62, Clarkson_63, Pringar_61, Raela_62
• Track 2 : Huphlepuff_64, FeliMaine_64, Marvin_58

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 20 of the 20 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Beelzebub_66, Blackbeetle_62, Caprice_61, Clarkson_63, Corazon_60, FeliMaine_64, Gattaca_60, GoongGoong_61, Huphlepuff_64, JoieB_63, Lilbit_60, LittleLaf_62, Marvin_58, MosMoris_59, Poise_62, Pringar_61, Raela_62, RedRaider77_61, Tesla_59, VasuNzinga_61,

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 20 of 20 (100.0%) of genes in pham
• Manual Annotations of this start: 20 of 20
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Beelzebub_66 (S), Blackbeetle_62 (S), Caprice_61 (S), Clarkson_63 (S), Corazon_60 (S), FeliMaine_64 (S), Gattaca_60 (S), GoongGoong_61 (S), Huphlepuff_64 (S), JoieB_63 (S), Lilbit_60 (S), LittleLaf_62 (S), Marvin_58 (S), MosMoris_59 (S), Poise_62 (S), Pringar_61 (S), Raela_62 (S), RedRaider77_61 (S), Tesla_59 (S), VasuNzinga_61 (S),

Summary by clusters:

There is one cluster represented in this pham: S

Info for manual annotations of cluster S:
•Start number 1 was manually annotated 20 times for cluster S.

Gene Information:

Gene: Beelzebub_66 Start: 36362, Stop: 36655, Start Num: 1
Candidate Starts for Beelzebub_66:
(Start: 1 @36362 has 20 MA's), (2, 36446), (3, 36458), (4, 36473), (5, 36488), (6, 36500), (7, 36536),

Gene: Blackbeetle_62 Start: 35407, Stop: 35700, Start Num: 1
Candidate Starts for Blackbeetle_62:
(Start: 1 @35407 has 20 MA's), (2, 35491), (3, 35503), (4, 35518), (5, 35533), (6, 35545), (7, 35581),

Gene: Caprice_61 Start: 35721, Stop: 36014, Start Num: 1
Candidate Starts for Caprice_61:
(Start: 1 @35721 has 20 MA's), (2, 35805), (3, 35817), (4, 35832), (5, 35847), (6, 35859), (7, 35895),

Gene: Clarkson_63 Start: 36090, Stop: 36383, Start Num: 1
Candidate Starts for Clarkson_63:
(Start: 1 @36090 has 20 MA's), (2, 36174), (3, 36186), (4, 36201), (5, 36216), (6, 36228), (7, 36264),

Gene: Corazon_60 Start: 36284, Stop: 36577, Start Num: 1
Candidate Starts for Corazon_60:
(Start: 1 @36284 has 20 MA's), (2, 36368), (3, 36380), (4, 36395), (5, 36410), (6, 36422), (7, 36458),

Gene: FeliMaine_64 Start: 36332, Stop: 36625, Start Num: 1
Candidate Starts for FeliMaine_64:
(Start: 1 @36332 has 20 MA's), (2, 36416), (3, 36428), (4, 36443), (5, 36458), (6, 36470), (7, 36506), (8, 36566),

Gene: Gattaca_60 Start: 35511, Stop: 35804, Start Num: 1
Candidate Starts for Gattaca_60:
(Start: 1 @35511 has 20 MA's), (2, 35595), (3, 35607), (4, 35622), (5, 35637), (6, 35649), (7, 35685),

Gene: GoongGoong_61 Start: 35310, Stop: 35603, Start Num: 1
Candidate Starts for GoongGoong_61:
(Start: 1 @35310 has 20 MA's), (2, 35394), (3, 35406), (4, 35421), (5, 35436), (6, 35448), (7, 35484),

Gene: Huphlepuff_64 Start: 35895, Stop: 36188, Start Num: 1
Candidate Starts for Huphlepuff_64:
(Start: 1 @35895 has 20 MA's), (2, 35979), (3, 35991), (4, 36006), (5, 36021), (6, 36033), (7, 36069), (8, 36129),

Gene: JoieB_63 Start: 36328, Stop: 36621, Start Num: 1
Candidate Starts for JoieB_63:
(Start: 1 @36328 has 20 MA's), (2, 36412), (3, 36424), (4, 36439), (5, 36454), (6, 36466), (7, 36502),

Gene: Lilbit_60 Start: 36091, Stop: 36384, Start Num: 1
Candidate Starts for Lilbit_60:
(Start: 1 @36091 has 20 MA's), (2, 36175), (3, 36187), (4, 36202), (5, 36217), (6, 36229), (7, 36265),

Gene: LittleLaf_62 Start: 35820, Stop: 36113, Start Num: 1
Candidate Starts for LittleLaf_62:
(Start: 1 @35820 has 20 MA's), (2, 35904), (3, 35916), (4, 35931), (5, 35946), (6, 35958), (7, 35994),

Gene: Marvin_58 Start: 35578, Stop: 35871, Start Num: 1
Candidate Starts for Marvin_58:
(Start: 1 @35578 has 20 MA's), (2, 35662), (3, 35674), (4, 35689), (5, 35704), (6, 35716), (7, 35752), (8, 35812),

Gene: MosMoris_59 Start: 35511, Stop: 35804, Start Num: 1
Candidate Starts for MosMoris_59:
(Start: 1 @35511 has 20 MA's), (2, 35595), (3, 35607), (4, 35622), (5, 35637), (6, 35649), (7, 35685),

Gene: Poise_62 Start: 35407, Stop: 35700, Start Num: 1
Candidate Starts for Poise_62:
(Start: 1 @35407 has 20 MA's), (2, 35491), (3, 35503), (4, 35518), (5, 35533), (6, 35545), (7, 35581),

Gene: Pringar_61 Start: 35696, Stop: 35989, Start Num: 1
Candidate Starts for Pringar_61:
(Start: 1 @35696 has 20 MA's), (2, 35780), (3, 35792), (4, 35807), (5, 35822), (6, 35834), (7, 35870),

Gene: Raela_62 Start: 35964, Stop: 36257, Start Num: 1
Candidate Starts for Raela_62:
(Start: 1 @35964 has 20 MA's), (2, 36048), (3, 36060), (4, 36075), (5, 36090), (6, 36102), (7, 36138),

Gene: RedRaider77_61 Start: 35352, Stop: 35645, Start Num: 1
Candidate Starts for RedRaider77_61:
(Start: 1 @35352 has 20 MA's), (2, 35436), (3, 35448), (4, 35463), (5, 35478), (6, 35490), (7, 35526),

Gene: Tesla_59 Start: 35201, Stop: 35494, Start Num: 1
Candidate Starts for Tesla_59:
(Start: 1 @35201 has 20 MA's), (2, 35285), (3, 35297), (4, 35312), (5, 35327), (6, 35339), (7, 35375),

Gene: VasuNzinga_61 Start: 35270, Stop: 35563, Start Num: 1
Candidate Starts for VasuNzinga_61:
(Start: 1 @35270 has 20 MA's), (2, 35354), (3, 35366), (4, 35381), (5, 35396), (6, 35408), (7, 35444),