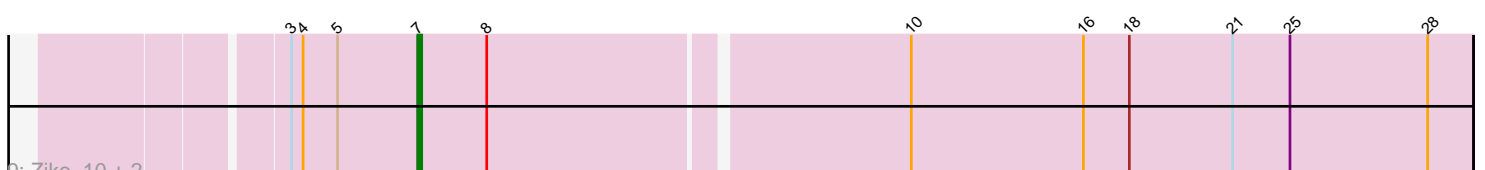
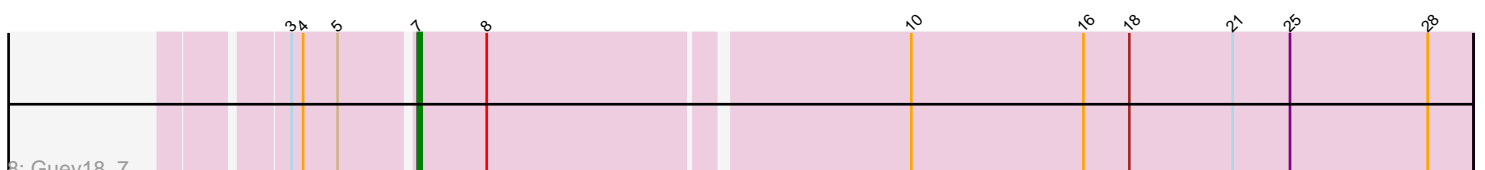
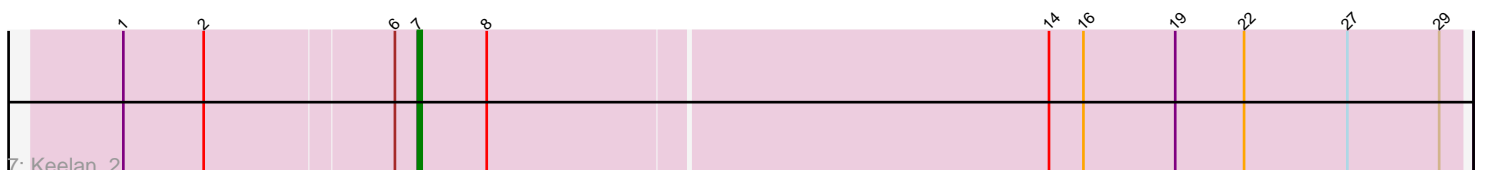
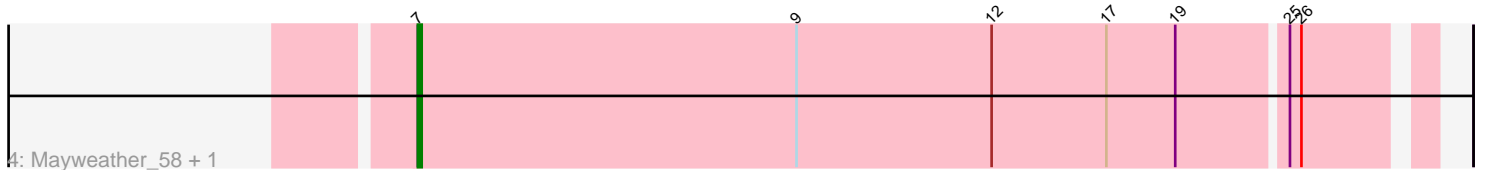
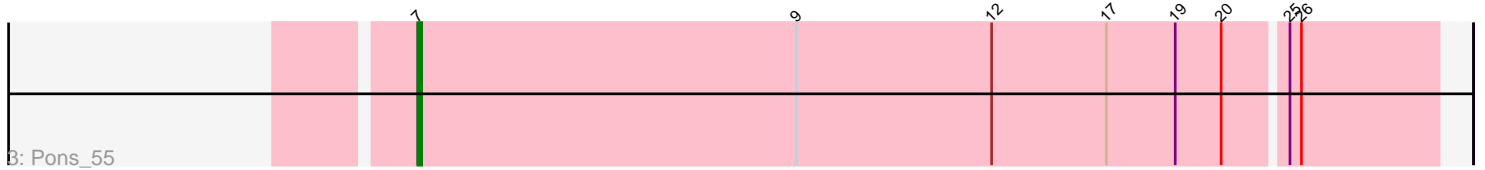
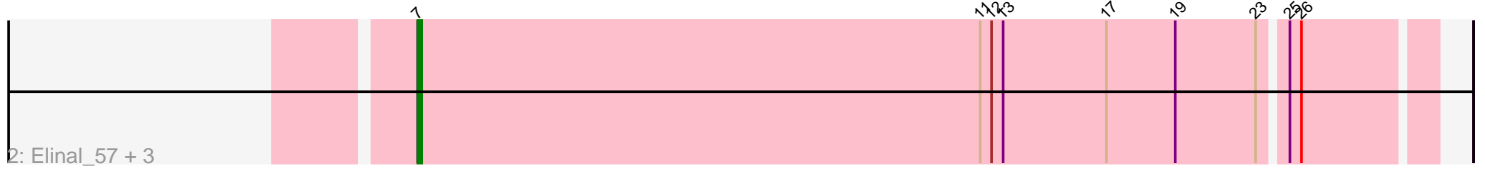


Pham 203369



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 203369 Report

This analysis was run 01/18/25 on database version 583.

Pham number 203369 has 18 members, 2 are drafts.

Phages represented in each track:

- Track 1 : Yucky_57, BigChungus_53, Feastonyeet_53, Vine_56
- Track 2 : Elinal_57, SummitAcademy_53, Bavailard_53, KayGee_55
- Track 3 : Pons_55
- Track 4 : Mayweather_58, MAnor_55
- Track 5 : PotPie_53
- Track 6 : SheckWes_57
- Track 7 : Keelan_2
- Track 8 : Guey18_7
- Track 9 : Ziko_10, Ronaldo_9, Volt_9

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

The start number called the most often in the published annotations is 7, it was called in 16 of the 16 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- Bavailard_53, BigChungus_53, Elinal_57, Feastonyeet_53, Guey18_7, KayGee_55, Keelan_2, MAnor_55, Mayweather_58, Pons_55, PotPie_53, Ronaldo_9, SheckWes_57, SummitAcademy_53, Vine_56, Volt_9, Yucky_57, Ziko_10,

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 7:

- Found in 18 of 18 (100.0%) of genes in pham
- Manual Annotations of this start: 16 of 16
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Bavailard_53 (CT), BigChungus_53 (CT), Elinal_57 (CT), Feastonyeet_53 (CT), Guey18_7 (DP), KayGee_55 (CT), Keelan_2

(DP), MAnor_55 (CT), Mayweather_58 (CT), Pons_55 (CT), PotPie_53 (CT), Ronaldo_9 (DP), SheckWes_57 (CT), SummitAcademy_53 (CT), Vine_56 (CT), Volt_9 (DP), Yucky_57 (CT), Ziko_10 (DP),

Summary by clusters:

There are 2 clusters represented in this pham: DP, CT,

Info for manual annotations of cluster CT:

•Start number 7 was manually annotated 11 times for cluster CT.

Info for manual annotations of cluster DP:

•Start number 7 was manually annotated 5 times for cluster DP.

Gene Information:

Gene: Bavilard_53 Start: 37696, Stop: 37436, Start Num: 7

Candidate Starts for Bavilard_53:

(Start: 7 @37696 has 16 MA's), (11, 37549), (12, 37546), (13, 37543), (17, 37516), (19, 37498), (23, 37477), (25, 37471), (26, 37468),

Gene: BigChungus_53 Start: 37823, Stop: 37560, Start Num: 7

Candidate Starts for BigChungus_53:

(Start: 7 @37823 has 16 MA's), (9, 37724), (12, 37673), (15, 37655), (17, 37643), (19, 37625), (20, 37613), (25, 37598), (26, 37595),

Gene: Elinal_57 Start: 38332, Stop: 38072, Start Num: 7

Candidate Starts for Elinal_57:

(Start: 7 @38332 has 16 MA's), (11, 38185), (12, 38182), (13, 38179), (17, 38152), (19, 38134), (23, 38113), (25, 38107), (26, 38104),

Gene: Feastonyeet_53 Start: 37823, Stop: 37560, Start Num: 7

Candidate Starts for Feastonyeet_53:

(Start: 7 @37823 has 16 MA's), (9, 37724), (12, 37673), (15, 37655), (17, 37643), (19, 37625), (20, 37613), (25, 37598), (26, 37595),

Gene: Guey18_7 Start: 1684, Stop: 1415, Start Num: 7

Candidate Starts for Guey18_7:

(3, 1714), (4, 1711), (5, 1702), (Start: 7 @1684 has 16 MA's), (8, 1666), (10, 1561), (16, 1516), (18, 1504), (21, 1477), (25, 1462), (28, 1426),

Gene: KayGee_55 Start: 38332, Stop: 38072, Start Num: 7

Candidate Starts for KayGee_55:

(Start: 7 @38332 has 16 MA's), (11, 38185), (12, 38182), (13, 38179), (17, 38152), (19, 38134), (23, 38113), (25, 38107), (26, 38104),

Gene: Keelan_2 Start: 536, Stop: 267, Start Num: 7

Candidate Starts for Keelan_2:

(1, 611), (2, 590), (6, 542), (Start: 7 @536 has 16 MA's), (8, 518), (14, 374), (16, 365), (19, 341), (22, 323), (27, 296), (29, 272),

Gene: MAnor_55 Start: 38687, Stop: 38430, Start Num: 7

Candidate Starts for MAnor_55:

(Start: 7 @38687 has 16 MA's), (9, 38588), (12, 38537), (17, 38507), (19, 38489), (25, 38462), (26, 38459),

Gene: Mayweather_58 Start: 39432, Stop: 39175, Start Num: 7

Candidate Starts for Mayweather_58:

(Start: 7 @39432 has 16 MA's), (9, 39333), (12, 39282), (17, 39252), (19, 39234), (25, 39207), (26, 39204),

Gene: Pons_55 Start: 38319, Stop: 38056, Start Num: 7

Candidate Starts for Pons_55:

(Start: 7 @38319 has 16 MA's), (9, 38220), (12, 38169), (17, 38139), (19, 38121), (20, 38109), (25, 38094), (26, 38091),

Gene: PotPie_53 Start: 38858, Stop: 38595, Start Num: 7

Candidate Starts for PotPie_53:

(Start: 7 @38858 has 16 MA's), (11, 38711), (12, 38708), (13, 38705), (17, 38678), (19, 38660), (23, 38639), (24, 38636), (25, 38630), (26, 38627),

Gene: Ronaldo_9 Start: 2110, Stop: 1841, Start Num: 7

Candidate Starts for Ronaldo_9:

(3, 2143), (4, 2140), (5, 2131), (Start: 7 @2110 has 16 MA's), (8, 2092), (10, 1987), (16, 1942), (18, 1930), (21, 1903), (25, 1888), (28, 1852),

Gene: SheckWes_57 Start: 37906, Stop: 37643, Start Num: 7

Candidate Starts for SheckWes_57:

(Start: 7 @37906 has 16 MA's), (9, 37807), (12, 37756), (17, 37726), (19, 37708), (20, 37696), (25, 37681), (26, 37678),

Gene: SummitAcademy_53 Start: 38001, Stop: 37741, Start Num: 7

Candidate Starts for SummitAcademy_53:

(Start: 7 @38001 has 16 MA's), (11, 37854), (12, 37851), (13, 37848), (17, 37821), (19, 37803), (23, 37782), (25, 37776), (26, 37773),

Gene: Vine_56 Start: 38624, Stop: 38361, Start Num: 7

Candidate Starts for Vine_56:

(Start: 7 @38624 has 16 MA's), (9, 38525), (12, 38474), (15, 38456), (17, 38444), (19, 38426), (20, 38414), (25, 38399), (26, 38396),

Gene: Volt_9 Start: 2110, Stop: 1841, Start Num: 7

Candidate Starts for Volt_9:

(3, 2143), (4, 2140), (5, 2131), (Start: 7 @2110 has 16 MA's), (8, 2092), (10, 1987), (16, 1942), (18, 1930), (21, 1903), (25, 1888), (28, 1852),

Gene: Yucky_57 Start: 38416, Stop: 38153, Start Num: 7

Candidate Starts for Yucky_57:

(Start: 7 @38416 has 16 MA's), (9, 38317), (12, 38266), (15, 38248), (17, 38236), (19, 38218), (20, 38206), (25, 38191), (26, 38188),

Gene: Ziko_10 Start: 2124, Stop: 1855, Start Num: 7

Candidate Starts for Ziko_10:

(3, 2157), (4, 2154), (5, 2145), (Start: 7 @2124 has 16 MA's), (8, 2106), (10, 2001), (16, 1956), (18, 1944), (21, 1917), (25, 1902), (28, 1866),