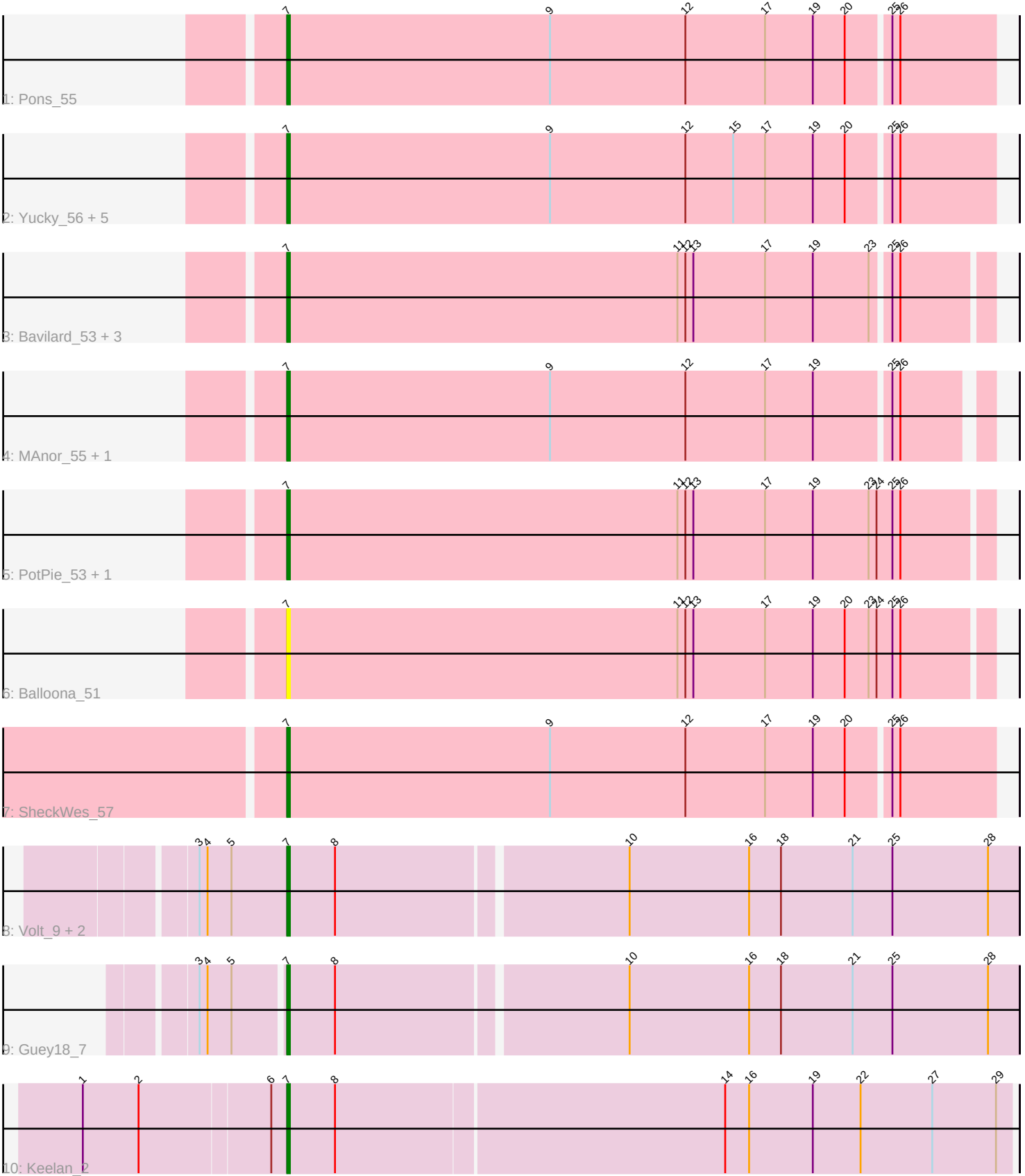


Pham 276323



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 276323 Report

This analysis was run 02/07/26 on database version 634.

Pham number 276323 has 22 members, 5 are drafts.

Phages represented in each track:

- Track 1 : Pons_55
- Track 2 : Yucky_56, McDazzle_55, BigChungus_53, ElJefes_55, Feastonyeet_53, Vine_56
- Track 3 : Bavidard_53, SummitAcademy_53, Elinal_57, KayGee_55
- Track 4 : MAnor_55, Mayweather_58
- Track 5 : PotPie_53, CocoaPuff_53
- Track 6 : Balloona_51
- Track 7 : SheckWes_57
- Track 8 : Volt_9, Ziko_10, Ronaldo_9
- Track 9 : Guey18_7
- Track 10 : Keelan_2

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

Genes that call this "Most Annotated" start:

- Balloona_51, Bavidard_53, BigChungus_53, CocoaPuff_53, ElJefes_55, Elinal_57, Feastonyeet_53, Guey18_7, KayGee_55, Keelan_2, MAnor_55, Mayweather_58, McDazzle_55, Pons_55, PotPie_53, Ronaldo_9, SheckWes_57, SummitAcademy_53, Vine_56, Volt_9, Yucky_56, 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 22 of 22 (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: Balloona_51 (CT), Babilard_53 (CT), BigChungus_53 (CT), CocoaPuff_53 (CT), ElJefes_55 (CT), Elinal_57 (CT), Feastonyeet_53 (CT), Guey18_7 (DP), KayGee_55 (CT), Keelan_2 (DP), MAnor_55 (CT), Mayweather_58 (CT), McDazzle_55 (CT), Pons_55 (CT), PotPie_53 (CT), Ronaldo_9 (DP), SheckWes_57 (CT), SummitAcademy_53 (CT), Vine_56 (CT), Volt_9 (DP), Yucky_56 (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 12 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: Balloona_51 Start: 37891, Stop: 37628, Start Num: 7

Candidate Starts for Balloona_51:

(Start: 7 @37891 has 17 MA's), (11, 37744), (12, 37741), (13, 37738), (17, 37711), (19, 37693), (20, 37681), (23, 37672), (24, 37669), (25, 37663), (26, 37660),

Gene: Babilard_53 Start: 37696, Stop: 37436, Start Num: 7

Candidate Starts for Babilard_53:

(Start: 7 @37696 has 17 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 17 MA's), (9, 37724), (12, 37673), (15, 37655), (17, 37643), (19, 37625), (20, 37613), (25, 37598), (26, 37595),

Gene: CocoaPuff_53 Start: 37828, Stop: 37565, Start Num: 7

Candidate Starts for CocoaPuff_53:

(Start: 7 @37828 has 17 MA's), (11, 37681), (12, 37678), (13, 37675), (17, 37648), (19, 37630), (23, 37609), (24, 37606), (25, 37600), (26, 37597),

Gene: ElJefes_55 Start: 38367, Stop: 38104, Start Num: 7

Candidate Starts for ElJefes_55:

(Start: 7 @38367 has 17 MA's), (9, 38268), (12, 38217), (15, 38199), (17, 38187), (19, 38169), (20, 38157), (25, 38142), (26, 38139),

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

Candidate Starts for Elinal_57:

(Start: 7 @38332 has 17 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 17 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 17 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 17 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 17 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 17 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 17 MA's), (9, 39333), (12, 39282), (17, 39252), (19, 39234), (25, 39207), (26, 39204),

Gene: McDazzle_55 Start: 38361, Stop: 38098, Start Num: 7

Candidate Starts for McDazzle_55:

(Start: 7 @38361 has 17 MA's), (9, 38262), (12, 38211), (15, 38193), (17, 38181), (19, 38163), (20, 38151), (25, 38136), (26, 38133),

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

Candidate Starts for Pons_55:

(Start: 7 @38319 has 17 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 17 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 17 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 17 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 17 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 17 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 17 MA's), (8, 2092), (10, 1987), (16, 1942), (18, 1930), (21, 1903), (25, 1888), (28, 1852),

Gene: Yucky_56 Start: 38416, Stop: 38153, Start Num: 7

Candidate Starts for Yucky_56:

(Start: 7 @38416 has 17 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 17 MA's), (8, 2106), (10, 2001), (16, 1956), (18, 1944), (21, 1917), (25, 1902), (28, 1866),