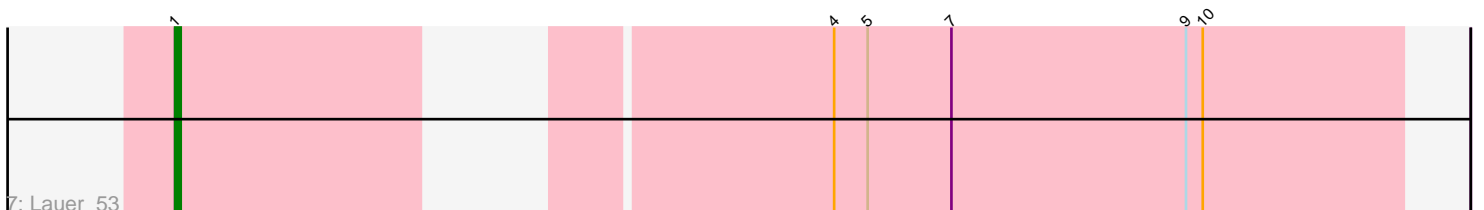
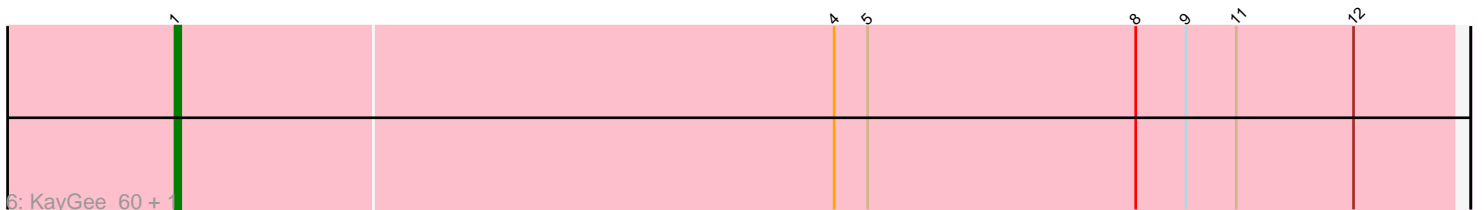
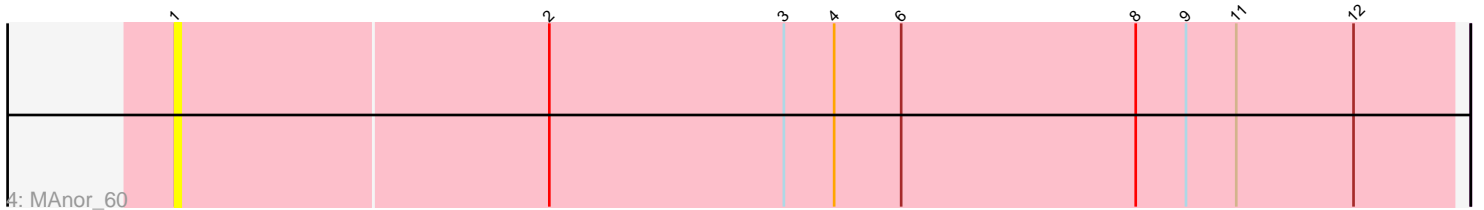
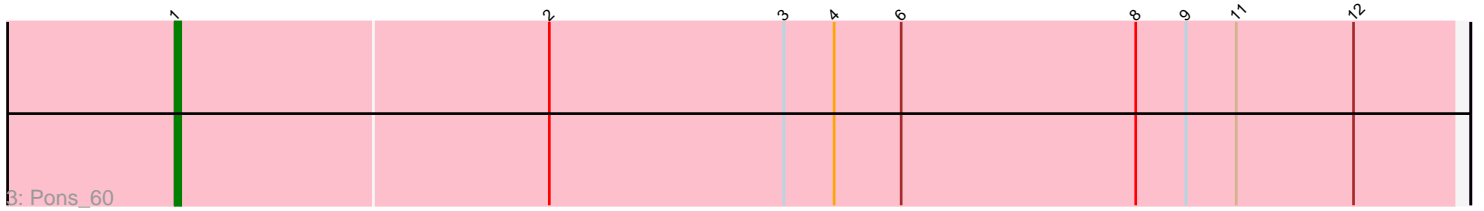
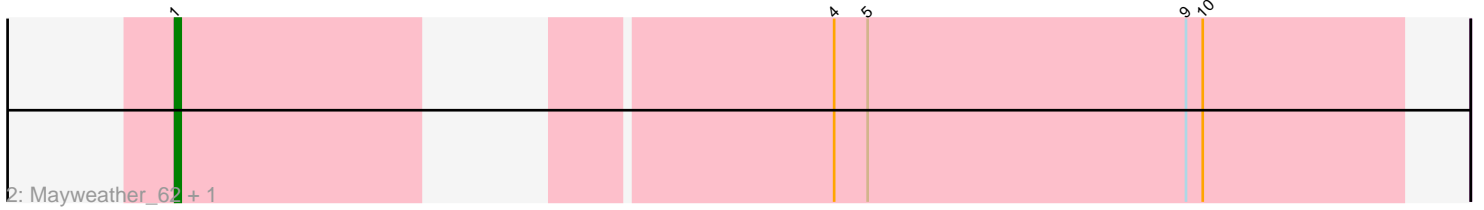
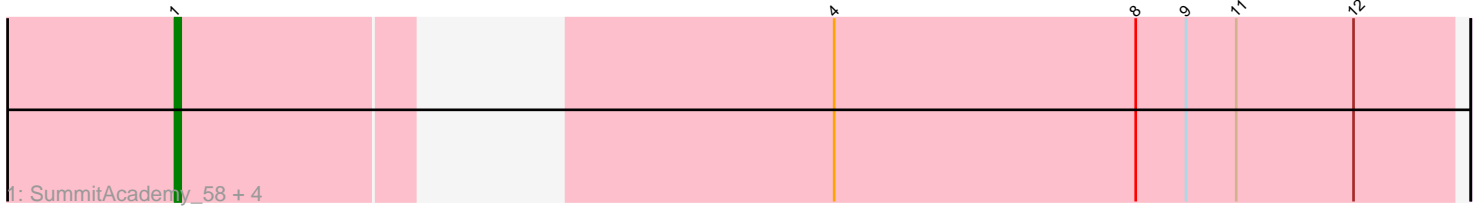


Pham 164055



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 164055 Report

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

Pham number 164055 has 13 members, 3 are drafts.

Phages represented in each track:

- Track 1 : SummitAcademy_58, BigChungus_58, Feastonyeet_58, PotPie_57, Vine_61
- Track 2 : Mayweather_62, CherryonLim_59
- Track 3 : Pons_60
- Track 4 : MAnor_60
- Track 5 : SheckWes_62
- Track 6 : KayGee_60, Elinal_63
- Track 7 : Lauer_53

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 10 of the 10 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- BigChungus_58, CherryonLim_59, Elinal_63, Feastonyeet_58, KayGee_60, Lauer_53, MAnor_60, Mayweather_62, Pons_60, PotPie_57, SheckWes_62, SummitAcademy_58, Vine_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 13 of 13 (100.0%) of genes in pham
- Manual Annotations of this start: 10 of 10
- Called 100.0% of time when present
- Phage (with cluster) where this start called: BigChungus_58 (CT), CherryonLim_59 (CT), Elinal_63 (CT), Feastonyeet_58 (CT), KayGee_60 (CT), Lauer_53 (CT), MAnor_60 (CT), Mayweather_62 (CT), Pons_60 (CT), PotPie_57 (CT),

SheckWes_62 (CT), SummitAcademy_58 (CT), Vine_61 (CT),

Summary by clusters:

There is one cluster represented in this pham: CT

Info for manual annotations of cluster CT:

•Start number 1 was manually annotated 10 times for cluster CT.

Gene Information:

Gene: BigChungus_58 Start: 40881, Stop: 40681, Start Num: 1

Candidate Starts for BigChungus_58:

(Start: 1 @40881 has 10 MA's), (4, 40791), (8, 40737), (9, 40728), (11, 40719), (12, 40698),

Gene: CherryonLim_59 Start: 42360, Stop: 42154, Start Num: 1

Candidate Starts for CherryonLim_59:

(Start: 1 @42360 has 10 MA's), (4, 42267), (5, 42261), (9, 42204), (10, 42201),

Gene: Elinal_63 Start: 41689, Stop: 41462, Start Num: 1

Candidate Starts for Elinal_63:

(Start: 1 @41689 has 10 MA's), (4, 41572), (5, 41566), (8, 41518), (9, 41509), (11, 41500), (12, 41479),

Gene: Feastonyeet_58 Start: 40881, Stop: 40681, Start Num: 1

Candidate Starts for Feastonyeet_58:

(Start: 1 @40881 has 10 MA's), (4, 40791), (8, 40737), (9, 40728), (11, 40719), (12, 40698),

Gene: KayGee_60 Start: 41689, Stop: 41462, Start Num: 1

Candidate Starts for KayGee_60:

(Start: 1 @41689 has 10 MA's), (4, 41572), (5, 41566), (8, 41518), (9, 41509), (11, 41500), (12, 41479),

Gene: Lauer_53 Start: 41866, Stop: 41672, Start Num: 1

Candidate Starts for Lauer_53:

(Start: 1 @41866 has 10 MA's), (4, 41773), (5, 41767), (7, 41752), (9, 41710), (10, 41707),

Gene: MAnor_60 Start: 41820, Stop: 41593, Start Num: 1

Candidate Starts for MAnor_60:

(Start: 1 @41820 has 10 MA's), (2, 41754), (3, 41712), (4, 41703), (6, 41691), (8, 41649), (9, 41640), (11, 41631), (12, 41610),

Gene: Mayweather_62 Start: 42083, Stop: 41889, Start Num: 1

Candidate Starts for Mayweather_62:

(Start: 1 @42083 has 10 MA's), (4, 41990), (5, 41984), (9, 41927), (10, 41924),

Gene: Pons_60 Start: 41425, Stop: 41198, Start Num: 1

Candidate Starts for Pons_60:

(Start: 1 @41425 has 10 MA's), (2, 41359), (3, 41317), (4, 41308), (6, 41296), (8, 41254), (9, 41245), (11, 41236), (12, 41215),

Gene: PotPie_57 Start: 41916, Stop: 41716, Start Num: 1

Candidate Starts for PotPie_57:

(Start: 1 @41916 has 10 MA's), (4, 41826), (8, 41772), (9, 41763), (11, 41754), (12, 41733),

Gene: SheckWes_62 Start: 40956, Stop: 40756, Start Num: 1

Candidate Starts for SheckWes_62:

(Start: 1 @40956 has 10 MA's), (5, 40863), (7, 40848), (9, 40806), (10, 40803),

Gene: SummitAcademy_58 Start: 41059, Stop: 40859, Start Num: 1

Candidate Starts for SummitAcademy_58:

(Start: 1 @41059 has 10 MA's), (4, 40969), (8, 40915), (9, 40906), (11, 40897), (12, 40876),

Gene: Vine_61 Start: 41682, Stop: 41482, Start Num: 1

Candidate Starts for Vine_61:

(Start: 1 @41682 has 10 MA's), (4, 41592), (8, 41538), (9, 41529), (11, 41520), (12, 41499),