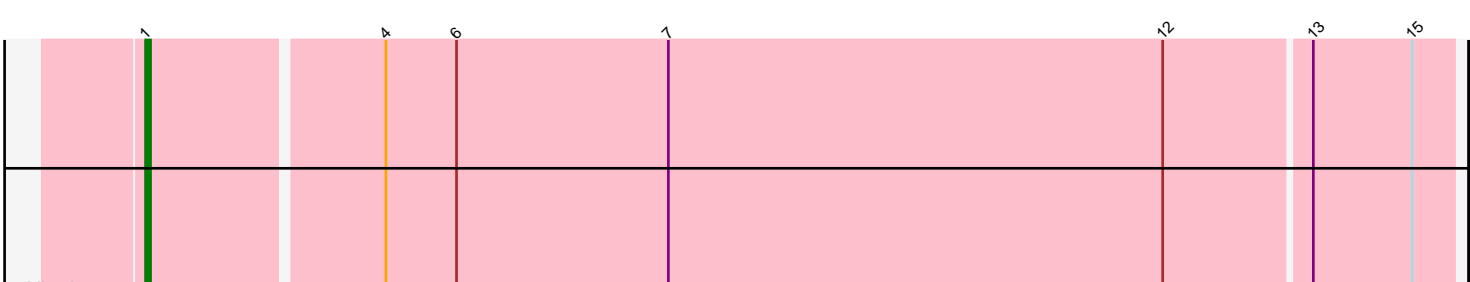
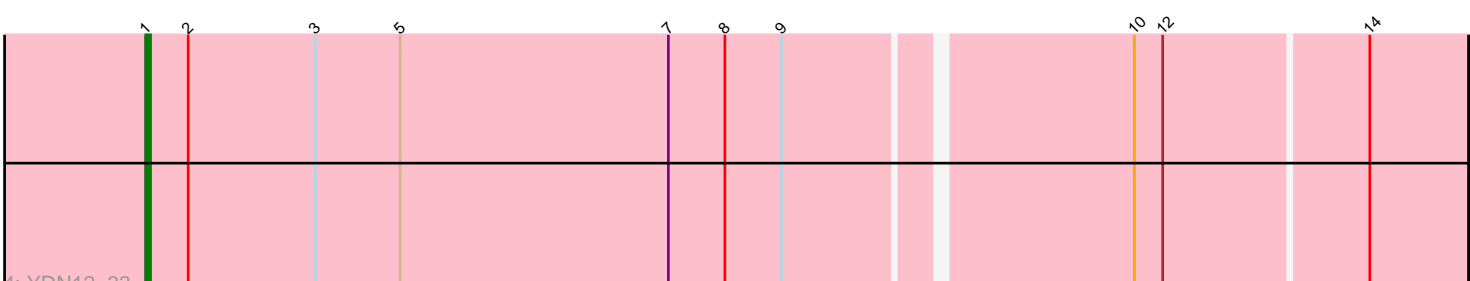
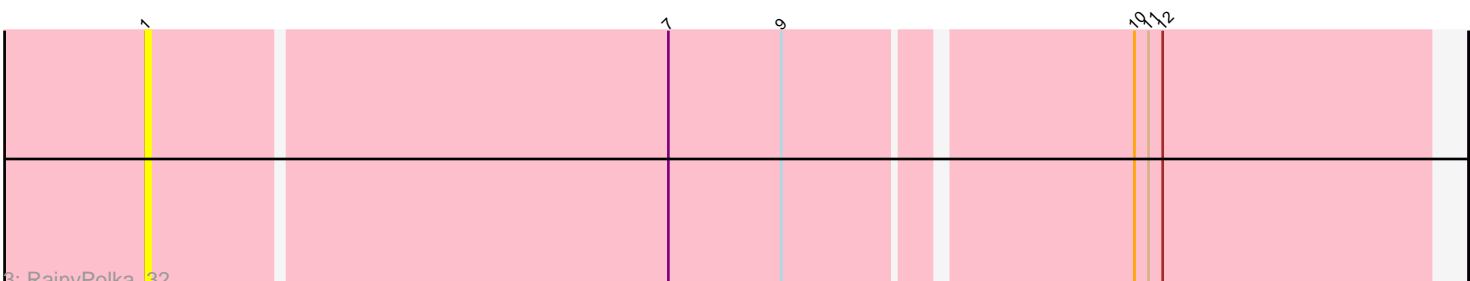
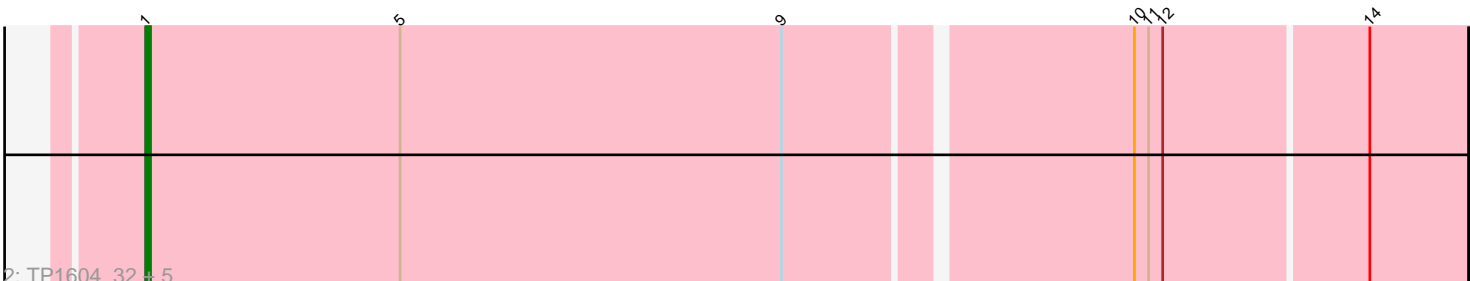
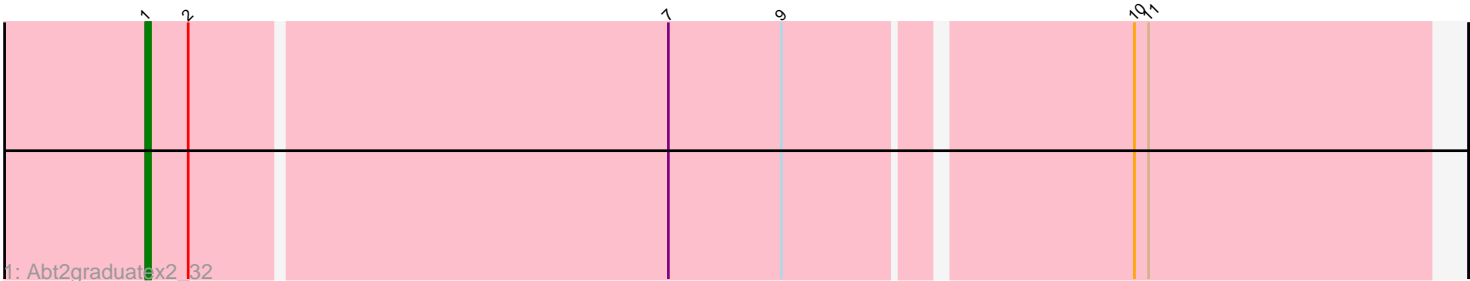


Pham 87673



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 87673 Report

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

Pham number 87673 has 10 members, 1 are drafts.

Phages represented in each track:

- Track 1 : Abt2graduatex2_32
- Track 2 : TP1604_32, BayC_32, BabyGotBac_32, Maih_31, Asis_32, Salete_32
- Track 3 : RainyPolka_32
- Track 4 : YDN12_33
- Track 5 : Xkcd426_37

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 9 of the 9 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- Abt2graduatex2_32, Asis_32, BabyGotBac_32, BayC_32, Maih_31, RainyPolka_32, Salete_32, TP1604_32, Xkcd426_37, YDN12_33,

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 10 of 10 (100.0%) of genes in pham
- Manual Annotations of this start: 9 of 9
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Abt2graduatex2_32 (BG), Asis_32 (BG), BabyGotBac_32 (BG), BayC_32 (BG), Maih_31 (BG), RainyPolka_32 (BG), Salete_32 (BG), TP1604_32 (BG), Xkcd426_37 (BG), YDN12_33 (BG),

Summary by clusters:

There is one cluster represented in this pham: BG

Info for manual annotations of cluster BG:

- Start number 1 was manually annotated 9 times for cluster BG.

Gene Information:

Gene: Abt2graduatex2_32 Start: 28803, Stop: 28540, Start Num: 1

Candidate Starts for Abt2graduatex2_32:

(Start: 1 @28803 has 9 MA's), (2, 28794), (7, 28695), (9, 28671), (10, 28602), (11, 28599),

Gene: Asis_32 Start: 28212, Stop: 27940, Start Num: 1

Candidate Starts for Asis_32:

(Start: 1 @28212 has 9 MA's), (5, 28158), (9, 28077), (10, 28008), (11, 28005), (12, 28002), (14, 27960),

Gene: BabyGotBac_32 Start: 28212, Stop: 27940, Start Num: 1

Candidate Starts for BabyGotBac_32:

(Start: 1 @28212 has 9 MA's), (5, 28158), (9, 28077), (10, 28008), (11, 28005), (12, 28002), (14, 27960),

Gene: BayC_32 Start: 28212, Stop: 27940, Start Num: 1

Candidate Starts for BayC_32:

(Start: 1 @28212 has 9 MA's), (5, 28158), (9, 28077), (10, 28008), (11, 28005), (12, 28002), (14, 27960),

Gene: Maih_31 Start: 28211, Stop: 27939, Start Num: 1

Candidate Starts for Maih_31:

(Start: 1 @28211 has 9 MA's), (5, 28157), (9, 28076), (10, 28007), (11, 28004), (12, 28001), (14, 27959),

Gene: RainyPolka_32 Start: 28572, Stop: 28309, Start Num: 1

Candidate Starts for RainyPolka_32:

(Start: 1 @28572 has 9 MA's), (7, 28464), (9, 28440), (10, 28371), (11, 28368), (12, 28365),

Gene: Salete_32 Start: 28212, Stop: 27940, Start Num: 1

Candidate Starts for Salete_32:

(Start: 1 @28212 has 9 MA's), (5, 28158), (9, 28077), (10, 28008), (11, 28005), (12, 28002), (14, 27960),

Gene: TP1604_32 Start: 28212, Stop: 27940, Start Num: 1

Candidate Starts for TP1604_32:

(Start: 1 @28212 has 9 MA's), (5, 28158), (9, 28077), (10, 28008), (11, 28005), (12, 28002), (14, 27960),

Gene: Xkcd426_37 Start: 35658, Stop: 35386, Start Num: 1

Candidate Starts for Xkcd426_37:

(Start: 1 @35658 has 9 MA's), (4, 35610), (6, 35595), (7, 35550), (12, 35445), (13, 35415), (15, 35394),

Gene: YDN12_33 Start: 28178, Stop: 27906, Start Num: 1

Candidate Starts for YDN12_33:

(Start: 1 @28178 has 9 MA's), (2, 28169), (3, 28142), (5, 28124), (7, 28067), (8, 28055), (9, 28043),
(10, 27974), (12, 27968), (14, 27926),