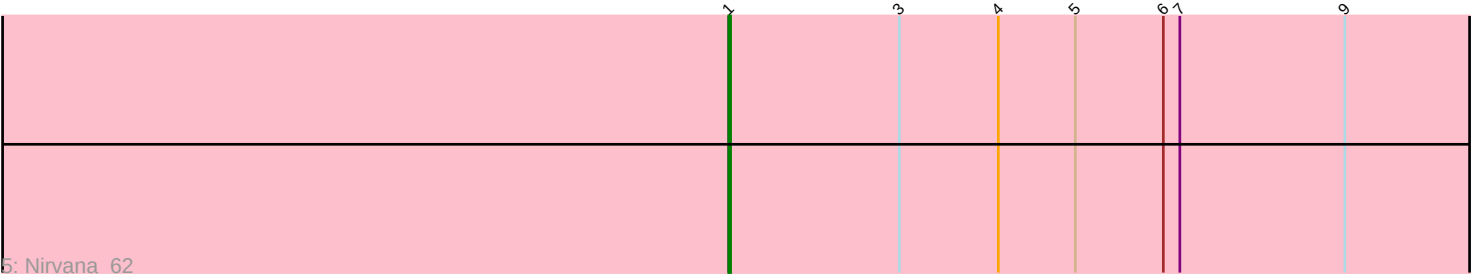
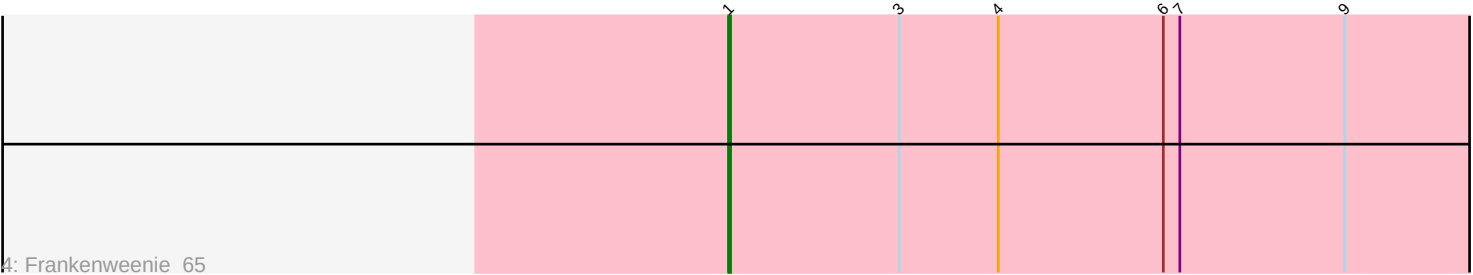
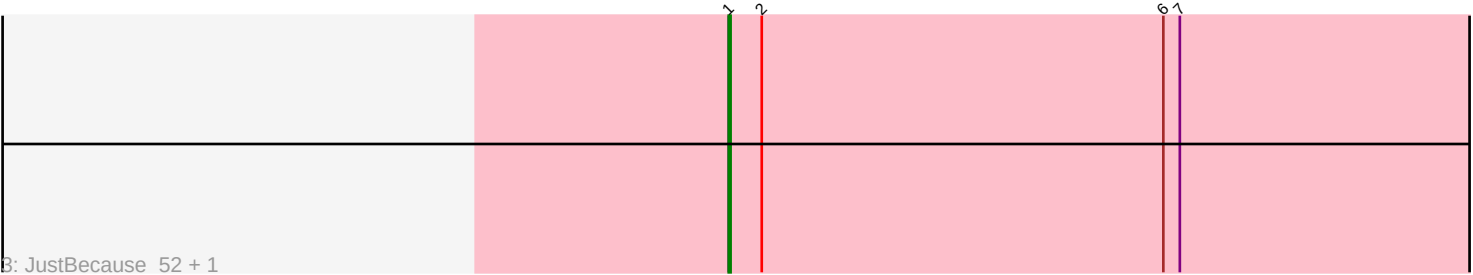
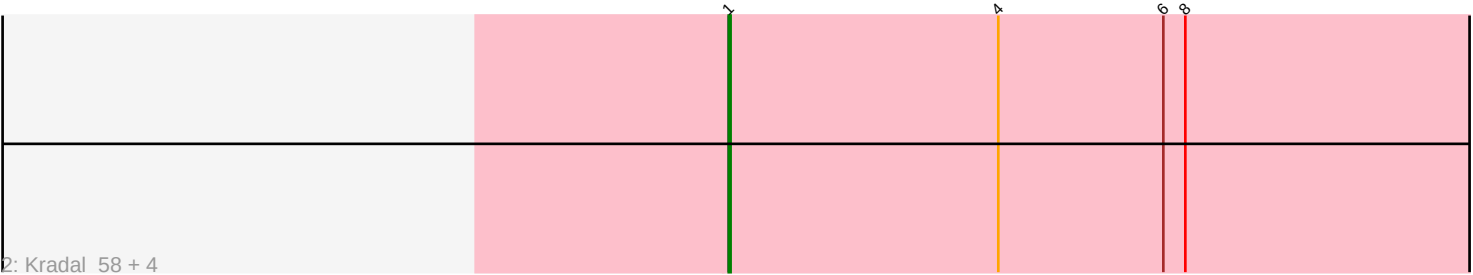
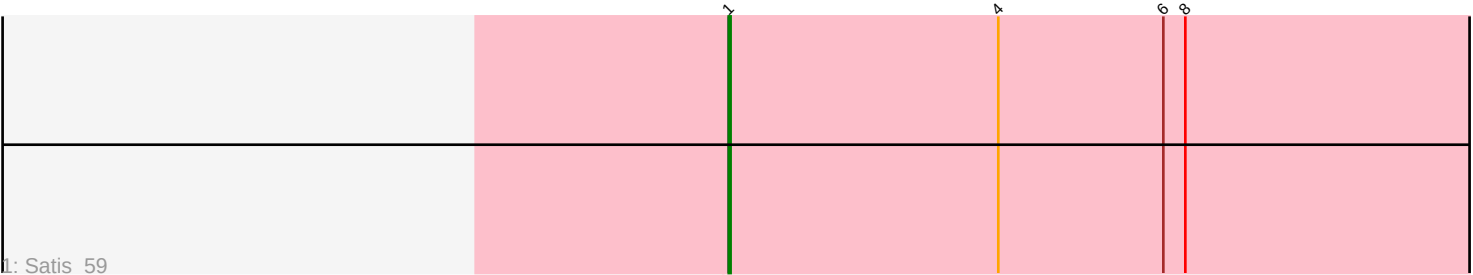


Zoomed Pham 327729



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 327729 Report

This analysis was run 09/05/26 on database version 662.

Pham number 327729 has 10 members, 0 are drafts.

Phages represented in each track:

- Track 1 : Satis_59
- Track 2 : Kradal_58, Sarkar_58, EhyElimayoE_58, Quantum_57, Satis_58
- Track 3 : JustBecause_52, Kela_53
- Track 4 : Frankenweenie_65
- Track 5 : Nirvana_62

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:

- EhyElimayoE_58, Frankenweenie_65, JustBecause_52, Kela_53, Kradal_58, Nirvana_62, Quantum_57, Sarkar_58, Satis_58, Satis_59,

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: 10 of 10
- Called 100.0% of time when present
- Phage (with cluster) where this start called: EhyElimayoE_58 (BM), Frankenweenie_65 (BM), JustBecause_52 (BM), Kela_53 (BM), Kradal_58 (BM), Nirvana_62 (BM), Quantum_57 (BM), Sarkar_58 (BM), Satis_58 (BM), Satis_59 (BM),

Summary by clusters:

There is one cluster represented in this pham: BM

Info for manual annotations of cluster BM:

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

Gene Information:

Gene: EhyElimayoE_58 Start: 32298, Stop: 33107, Start Num: 1

Candidate Starts for EhyElimayoE_58:

(Start: 1 @32298 has 10 MA's), (4, 32445), (6, 32535), (8, 32547), (13, 32910), (14, 32913), (15, 32922), (16, 32931), (17, 33006), (18, 33021), (19, 33054),

Gene: Frankenweenie_65 Start: 34889, Stop: 35689, Start Num: 1

Candidate Starts for Frankenweenie_65:

(Start: 1 @34889 has 10 MA's), (3, 34982), (4, 35036), (6, 35126), (7, 35135), (9, 35225), (11, 35438), (12, 35441), (14, 35504), (15, 35513), (16, 35522), (18, 35612), (19, 35645),

Gene: JustBecause_52 Start: 29524, Stop: 30324, Start Num: 1

Candidate Starts for JustBecause_52:

(Start: 1 @29524 has 10 MA's), (2, 29542), (6, 29761), (7, 29770), (11, 30073), (12, 30076), (14, 30139), (15, 30148), (16, 30157), (17, 30232), (18, 30247), (19, 30280),

Gene: Kela_53 Start: 29389, Stop: 30189, Start Num: 1

Candidate Starts for Kela_53:

(Start: 1 @29389 has 10 MA's), (2, 29407), (6, 29626), (7, 29635), (11, 29938), (12, 29941), (14, 30004), (15, 30013), (16, 30022), (17, 30097), (18, 30112), (19, 30145),

Gene: Kradal_58 Start: 32298, Stop: 33107, Start Num: 1

Candidate Starts for Kradal_58:

(Start: 1 @32298 has 10 MA's), (4, 32445), (6, 32535), (8, 32547), (13, 32910), (14, 32913), (15, 32922), (16, 32931), (17, 33006), (18, 33021), (19, 33054),

Gene: Nirvana_62 Start: 34262, Stop: 35062, Start Num: 1

Candidate Starts for Nirvana_62:

(Start: 1 @34262 has 10 MA's), (3, 34355), (4, 34409), (5, 34451), (6, 34499), (7, 34508), (9, 34598), (10, 34790), (14, 34877), (15, 34886), (16, 34895), (18, 34985), (19, 35018),

Gene: Quantum_57 Start: 32298, Stop: 33107, Start Num: 1

Candidate Starts for Quantum_57:

(Start: 1 @32298 has 10 MA's), (4, 32445), (6, 32535), (8, 32547), (13, 32910), (14, 32913), (15, 32922), (16, 32931), (17, 33006), (18, 33021), (19, 33054),

Gene: Sarkar_58 Start: 32298, Stop: 33107, Start Num: 1

Candidate Starts for Sarkar_58:

(Start: 1 @32298 has 10 MA's), (4, 32445), (6, 32535), (8, 32547), (13, 32910), (14, 32913), (15, 32922), (16, 32931), (17, 33006), (18, 33021), (19, 33054),

Gene: Satis_59 Start: 32294, Stop: 33407, Start Num: 1

Candidate Starts for Satis_59:

(Start: 1 @32294 has 10 MA's), (4, 32441), (6, 32531), (8, 32543), (13, 32906), (14, 32909), (15, 32918), (16, 32927), (17, 33002), (18, 33017), (19, 33050), (20, 33179), (21, 33233), (22, 33242), (23, 33341),

Gene: Satis_58 Start: 32294, Stop: 33103, Start Num: 1

Candidate Starts for Satis_58:

(Start: 1 @32294 has 10 MA's), (4, 32441), (6, 32531), (8, 32543), (13, 32906), (14, 32909), (15, 32918), (16, 32927), (17, 33002), (18, 33017), (19, 33050),