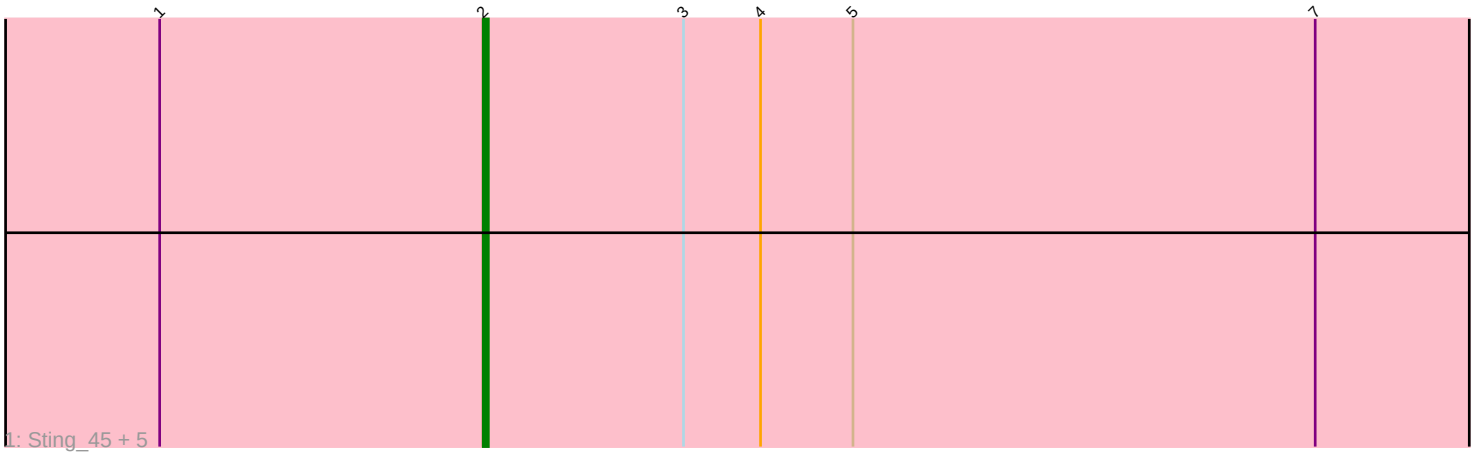
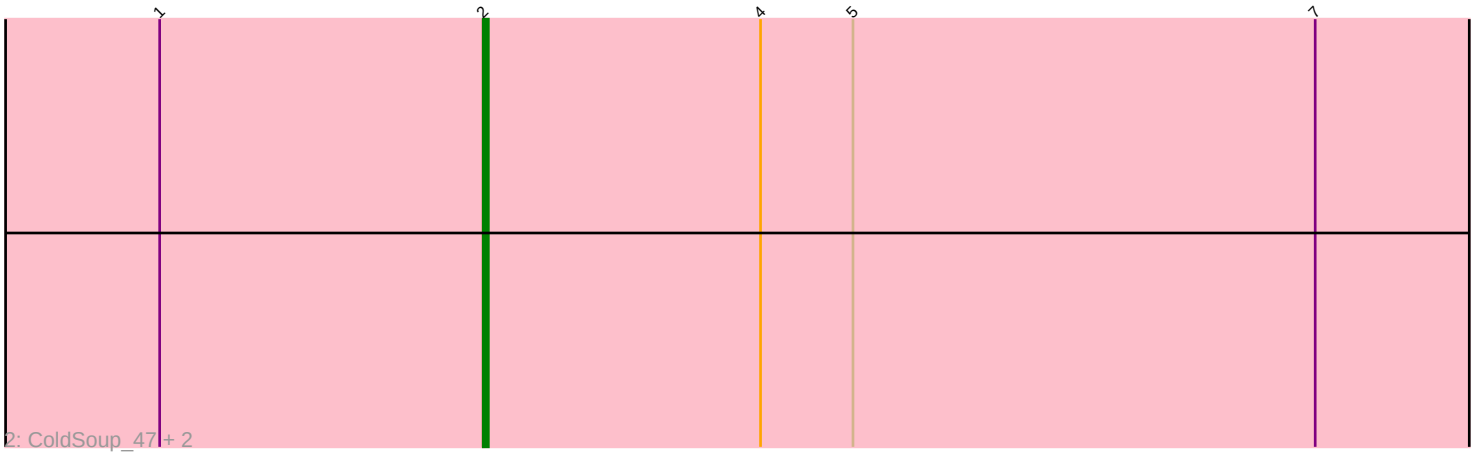
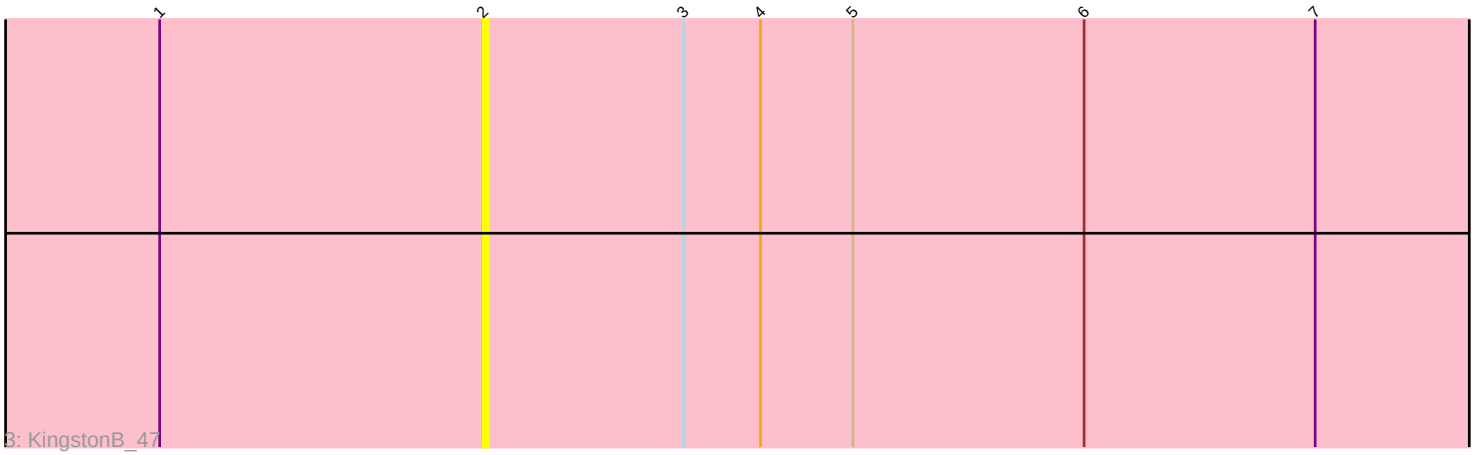
Pham 276810


1
2
3
4
5
7
1: Sting_45 + 5


1
2
4
5
7
2: ColdSoup_47 + 2


1
2
3
4
5
6
7
3: KingstonB_47

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 276810 Report

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

Pham number 276810 has 10 members, 6 are drafts.

Phages represented in each track:
• Track 1 : Sting_45, Purplicious_44, Grumio_46, Soos_42, DonTron_46, Stillion_46
• Track 2 : ColdSoup_47, Jollymon_46, Amo99_47
• Track 3 : KingstonB_47

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

The start number called the most often in the published annotations is 2, it was called in 4 of the 4 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Amo99_47, ColdSoup_47, DonTron_46, Grumio_46, Jollymon_46, KingstonB_47, Purplicious_44, Soos_42, Stillion_46, Sting_45,

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 2:
• Found in 10 of 10 (100.0%) of genes in pham
• Manual Annotations of this start: 4 of 4
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Amo99_47 (CP), ColdSoup_47 (CP), DonTron_46 (CP), Grumio_46 (CP), Jollymon_46 (CP), KingstonB_47 (CP), Purplicious_44 (CP), Soos_42 (CP), Stillion_46 (CP), Sting_45 (CP),

Summary by clusters:

There is one cluster represented in this pham: CP

Info for manual annotations of cluster CP:

•Start number 2 was manually annotated 4 times for cluster CP.

Gene Information:

Gene: Amo99_47 Start: 25830, Stop: 26213, Start Num: 2
Candidate Starts for Amo99_47:
(1, 25767), (Start: 2 @25830 has 4 MA's), (4, 25884), (5, 25902), (7, 25992),

Gene: ColdSoup_47 Start: 25830, Stop: 26213, Start Num: 2
Candidate Starts for ColdSoup_47:
(1, 25767), (Start: 2 @25830 has 4 MA's), (4, 25884), (5, 25902), (7, 25992),

Gene: DonTron_46 Start: 25900, Stop: 26253, Start Num: 2
Candidate Starts for DonTron_46:
(1, 25837), (Start: 2 @25900 has 4 MA's), (3, 25939), (4, 25954), (5, 25972), (7, 26062),

Gene: Grumio_46 Start: 25338, Stop: 25691, Start Num: 2
Candidate Starts for Grumio_46:
(1, 25275), (Start: 2 @25338 has 4 MA's), (3, 25377), (4, 25392), (5, 25410), (7, 25500),

Gene: Jollymon_46 Start: 25830, Stop: 26213, Start Num: 2
Candidate Starts for Jollymon_46:
(1, 25767), (Start: 2 @25830 has 4 MA's), (4, 25884), (5, 25902), (7, 25992),

Gene: KingstonB_47 Start: 25338, Stop: 25691, Start Num: 2
Candidate Starts for KingstonB_47:
(1, 25275), (Start: 2 @25338 has 4 MA's), (3, 25377), (4, 25392), (5, 25410), (6, 25455), (7, 25500),

Gene: Purplicious_44 Start: 25076, Stop: 25459, Start Num: 2
Candidate Starts for Purplicious_44:
(1, 25013), (Start: 2 @25076 has 4 MA's), (3, 25115), (4, 25130), (5, 25148), (7, 25238),

Gene: Soos_42 Start: 25067, Stop: 25420, Start Num: 2
Candidate Starts for Soos_42:
(1, 25004), (Start: 2 @25067 has 4 MA's), (3, 25106), (4, 25121), (5, 25139), (7, 25229),

Gene: Stillion_46 Start: 25652, Stop: 26005, Start Num: 2
Candidate Starts for Stillion_46:
(1, 25589), (Start: 2 @25652 has 4 MA's), (3, 25691), (4, 25706), (5, 25724), (7, 25814),

Gene: Sting_45 Start: 25506, Stop: 25859, Start Num: 2
Candidate Starts for Sting_45:
(1, 25443), (Start: 2 @25506 has 4 MA's), (3, 25545), (4, 25560), (5, 25578), (7, 25668),