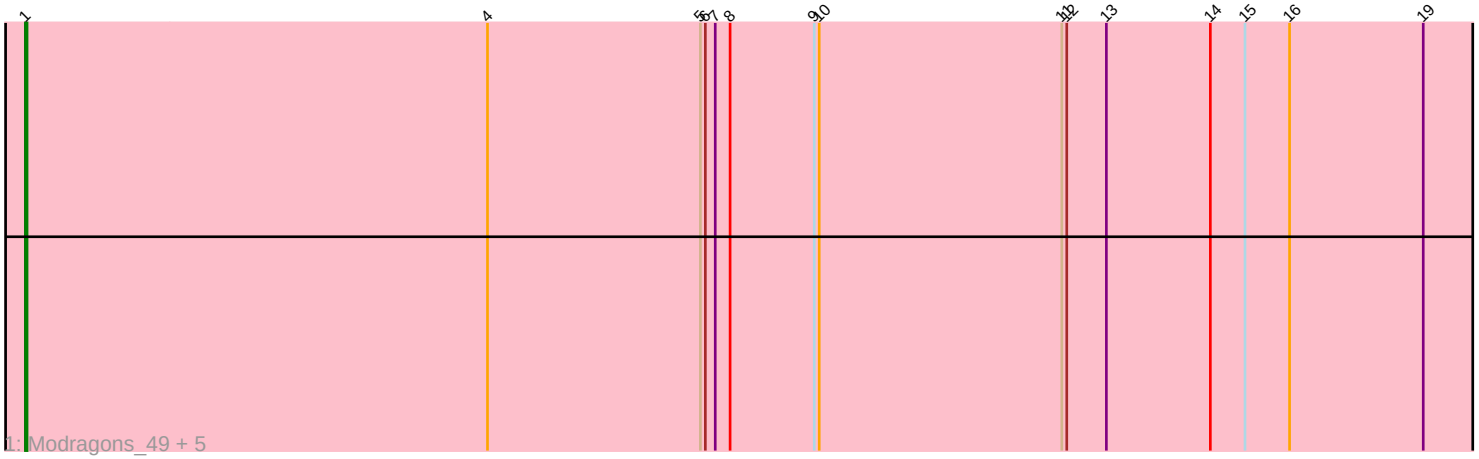
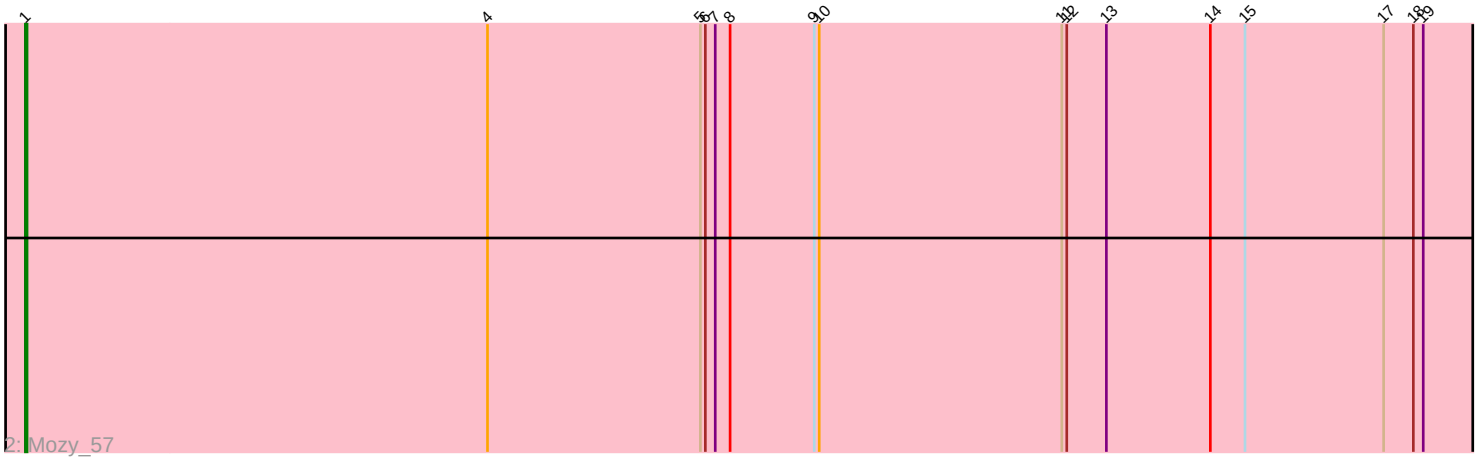
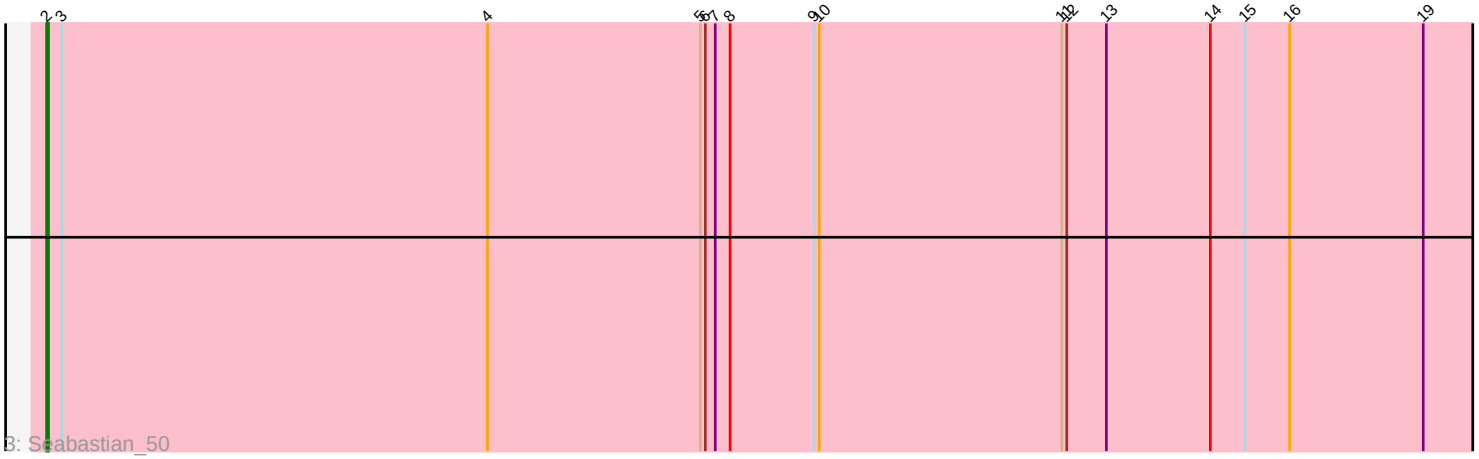
Pham 346483


1
4
5
6
7
8
9
10
11
12
13
14
15
16
19
1: Modragons_49 + 5


1
4
5
6
7
8
9
10
11
12
13
14
15
17
18
19
2: Mozy_57


2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
19
3: Seabastian_50

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 346483 Report

This analysis was run 11/14/26 on database version 672.

Pham number 346483 has 8 members, 0 are drafts.

Phages represented in each track:
• Track 1 : Modragons_49, OfUltron_50, Jinglebell_50, Ochi17_48, Llama_50, AlpineSix_50
• Track 2 : Mozy_57
• Track 3 : Seabastian_50

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 7 of the 8 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• AlpineSix_50, Jinglebell_50, Llama_50, Modragons_49, Mozy_57, Ochi17_48, OfUltron_50,

Genes that have the "Most Annotated" start but do not call it:
•

Genes that do not have the "Most Annotated" start:
• Seabastian_50,

Summary by start number:

Start 1:
• Found in 7 of 8 (87.5%) of genes in pham
• Manual Annotations of this start: 7 of 8
• Called 100.0% of time when present
• Phage (with cluster) where this start called: AlpineSix_50 (F1), Jinglebell_50 (F1), Llama_50 (F1), Modragons_49 (F1), Mozy_57 (F1), Ochi17_48 (F1), OfUltron_50 (F1),

Start 2:
• Found in 1 of 8 (12.5%) of genes in pham
• Manual Annotations of this start: 1 of 8
• Called 100.0% of time when present

• Phage (with cluster) where this start called: Seabastian_50 (F1),

Summary by clusters:

There is one cluster represented in this pham: F1

Info for manual annotations of cluster F1:
•Start number 1 was manually annotated 7 times for cluster F1.
•Start number 2 was manually annotated 1 time for cluster F1.

Gene Information:

Gene: AlpineSix_50 Start: 36697, Stop: 37578, Start Num: 1
Candidate Starts for AlpineSix_50:
(Start: 1 @36697 has 7 MA's), (4, 36976), (5, 37105), (6, 37108), (7, 37114), (8, 37123), (9, 37174), (10, 37177), (11, 37324), (12, 37327), (13, 37351), (14, 37414), (15, 37435), (16, 37462), (19, 37543),

Gene: Jinglebell_50 Start: 36696, Stop: 37577, Start Num: 1
Candidate Starts for Jinglebell_50:
(Start: 1 @36696 has 7 MA's), (4, 36975), (5, 37104), (6, 37107), (7, 37113), (8, 37122), (9, 37173), (10, 37176), (11, 37323), (12, 37326), (13, 37350), (14, 37413), (15, 37434), (16, 37461), (19, 37542),

Gene: Llama_50 Start: 36694, Stop: 37575, Start Num: 1
Candidate Starts for Llama_50:
(Start: 1 @36694 has 7 MA's), (4, 36973), (5, 37102), (6, 37105), (7, 37111), (8, 37120), (9, 37171), (10, 37174), (11, 37321), (12, 37324), (13, 37348), (14, 37411), (15, 37432), (16, 37459), (19, 37540),

Gene: Modragons_49 Start: 36540, Stop: 37421, Start Num: 1
Candidate Starts for Modragons_49:
(Start: 1 @36540 has 7 MA's), (4, 36819), (5, 36948), (6, 36951), (7, 36957), (8, 36966), (9, 37017), (10, 37020), (11, 37167), (12, 37170), (13, 37194), (14, 37257), (15, 37278), (16, 37305), (19, 37386),

Gene: Mozy_57 Start: 38026, Stop: 38907, Start Num: 1
Candidate Starts for Mozy_57:
(Start: 1 @38026 has 7 MA's), (4, 38305), (5, 38434), (6, 38437), (7, 38443), (8, 38452), (9, 38503), (10, 38506), (11, 38653), (12, 38656), (13, 38680), (14, 38743), (15, 38764), (17, 38848), (18, 38866), (19, 38872),

Gene: Ochi17_48 Start: 36147, Stop: 37028, Start Num: 1
Candidate Starts for Ochi17_48:
(Start: 1 @36147 has 7 MA's), (4, 36426), (5, 36555), (6, 36558), (7, 36564), (8, 36573), (9, 36624), (10, 36627), (11, 36774), (12, 36777), (13, 36801), (14, 36864), (15, 36885), (16, 36912), (19, 36993),

Gene: OfUltron_50 Start: 36696, Stop: 37577, Start Num: 1
Candidate Starts for OfUltron_50:
(Start: 1 @36696 has 7 MA's), (4, 36975), (5, 37104), (6, 37107), (7, 37113), (8, 37122), (9, 37173), (10, 37176), (11, 37323), (12, 37326), (13, 37350), (14, 37413), (15, 37434), (16, 37461), (19, 37542),

Gene: Seabastian_50 Start: 36709, Stop: 37578, Start Num: 2
Candidate Starts for Seabastian_50:

(Start: 2 @36709 has 1 MA's), (3, 36718), (4, 36976), (5, 37105), (6, 37108), (7, 37114), (8, 37123), (9, 37174), (10, 37177), (11, 37324), (12, 37327), (13, 37351), (14, 37414), (15, 37435), (16, 37462), (19, 37543),