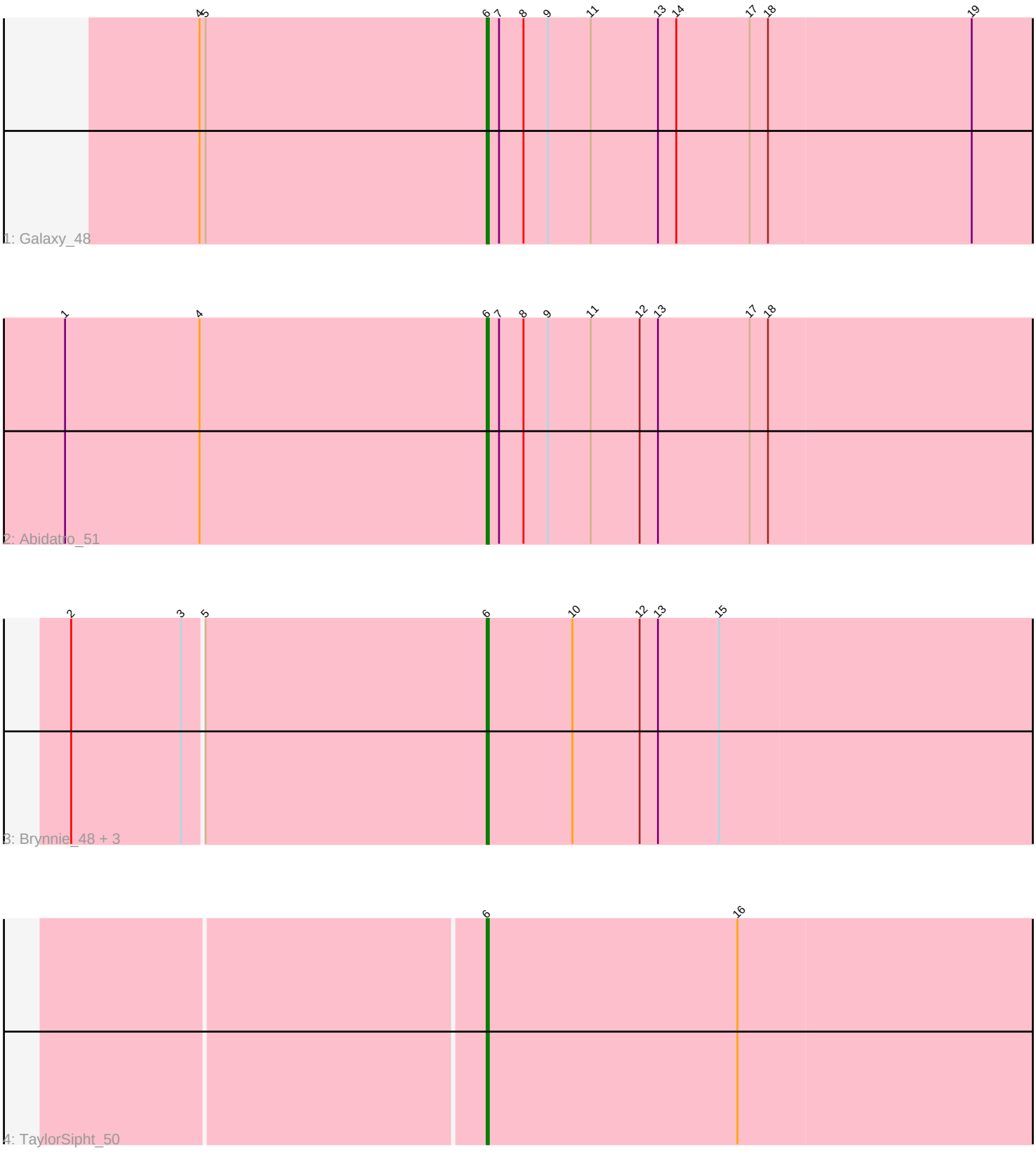
Pham 278954


4
5
6
7
8
9
11
13
14
17
18
19
1: Galaxy_48
1
4
6
7
8
9
11
12
13
17
18
2: Abidatio_51
2
3
5
6
10
12
13
15
3: Brynnie_48 + 3
6
16
4: TaylorSipht_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 278954 Report

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

Pham number 278954 has 7 members, 0 are drafts.

Phages represented in each track:
• Track 1 : Galaxy_48
• Track 2 : Abidatro_51
• Track 3 : Brynnie_48, Basilisk_49, Vulpecula_48, Ruchi_48
• Track 4 : TaylorSipht_50

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

The start number called the most often in the published annotations is 6, it was called in 7 of the 7 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Abidatro_51, Basilisk_49, Brynnie_48, Galaxy_48, Ruchi_48, TaylorSipht_50, Vulpecula_48,

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 6:
• Found in 7 of 7 (100.0%) of genes in pham
• Manual Annotations of this start: 7 of 7
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Abidatro_51 (AS1), Basilisk_49 (AS1), Brynnie_48 (AS1), Galaxy_48 (AS1), Ruchi_48 (AS1), TaylorSipht_50 (AS1), Vulpecula_48 (AS1),

Summary by clusters:

There is one cluster represented in this pham: AS1

Info for manual annotations of cluster AS1:
•Start number 6 was manually annotated 7 times for cluster AS1.

Gene Information:

Gene: Abidatro_51 Start: 33285, Stop: 33560, Start Num: 6
Candidate Starts for Abidatro_51:
(1, 33078), (4, 33144), (Start: 6 @33285 has 7 MA's), (7, 33291), (8, 33303), (9, 33315), (11, 33336), (12, 33360), (13, 33369), (17, 33414), (18, 33423),

Gene: Basilisk_49 Start: 32505, Stop: 32780, Start Num: 6
Candidate Starts for Basilisk_49:
(2, 32304), (3, 32358), (5, 32367), (Start: 6 @32505 has 7 MA's), (10, 32547), (12, 32580), (13, 32589), (15, 32619),

Gene: Brynnie_48 Start: 32362, Stop: 32637, Start Num: 6
Candidate Starts for Brynnie_48:
(2, 32161), (3, 32215), (5, 32224), (Start: 6 @32362 has 7 MA's), (10, 32404), (12, 32437), (13, 32446), (15, 32476),

Gene: Galaxy_48 Start: 31700, Stop: 31975, Start Num: 6
Candidate Starts for Galaxy_48:
(4, 31559), (5, 31562), (Start: 6 @31700 has 7 MA's), (7, 31706), (8, 31718), (9, 31730), (11, 31751), (13, 31784), (14, 31793), (17, 31829), (18, 31838), (19, 31937),

Gene: Ruchi_48 Start: 32427, Stop: 32702, Start Num: 6
Candidate Starts for Ruchi_48:
(2, 32226), (3, 32280), (5, 32289), (Start: 6 @32427 has 7 MA's), (10, 32469), (12, 32502), (13, 32511), (15, 32541),

Gene: TaylorSipht_50 Start: 33072, Stop: 33347, Start Num: 6
Candidate Starts for TaylorSipht_50:
(Start: 6 @33072 has 7 MA's), (16, 33195),

Gene: Vulpecula_48 Start: 32087, Stop: 32362, Start Num: 6
Candidate Starts for Vulpecula_48:
(2, 31886), (3, 31940), (5, 31949), (Start: 6 @32087 has 7 MA's), (10, 32129), (12, 32162), (13, 32171), (15, 32201),